

**Data Set Name: cif\_death1.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	malignancy	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death2.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	infection	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death3.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	pulmonary	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death4.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	graft_failure	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death5.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	msof	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death6.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	vascular	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death7.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	other	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_death8.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	unknown	Num	8	
5	trunc_tot	Num	8	



**Data Set Name: cif\_gf\_death.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	gf_time1	Num	8	
4	COGF_died	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: cif\_gf\_retxp.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	gf_time1	Num	8	
4	COGF_retxp	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: *crisk\_death.sas7bdat***

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	death_time1	Num	8	
4	COD_comp	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: *crisk\_gf.sas7bdat***

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro resp_id if in Retro only =Core ID if in Core only
2	LDLT_rcx	Num	8	Recipient intraop: LDLT
3	gf_time1	Num	8	
4	COGF_retxp	Num	8	
5	trunc_tot	Num	8	

**Data Set Name: dnr\_basic\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_eval_dt_r	Num	8	Donor evaluation: date of evaluation
2	rcp_resp_id_r	Num	8	Recipient RESP_ID
3	dnr_resp_id_r	Num	8	Donor resp ID in Retro
4	dnr_a2all_id_r	Char	5	Donor ID in Retro
5	rcp_a2all_id_r	Char	5	Recipient ID in Retro
6	dnr_biodbxid_c	Num	8	Donor study entry: what is this donors Retro BioDBx Subject Label?
7	dnr_eval_dt_c	Num	8	Donor evaluation: date of evaluation
8	dnr_a2all_id_c	Char	6	Donor ID in Cohort
9	dnr_consent_dt_c	Num	8	Donor PHI: date of consent
10	dnr_initiation_c	Num	8	Donor study entry: Cohort site initiation date
11	rcp_a2all_id_c	Char	6	Recipient ID in Cohort
12	inr	Num	8	in Retro database
13	inc	Num	8	in Cohort database
14	dnr_eval_dt_rc	Num	8	Donor evaluation: date of evaluation
15	dnr_age_ev_rc	Num	8	Donor evaluation: age at evaluation
16	dnr_wt_kg_ev_rc	Num	8	Donor evaluation: weight (kg)
17	dnr_bmi_ev_rc	Num	8	Donor evaluation: bmi (kg/m2)
18	dnr_bsa_ev_rc	Num	8	Donor evaluation: body surface area (m2)
19	dnr_lastfu_dt_rc	Num	8	Donor assessment: end of followup
20	rcp_ID	Char	6	
21	rcp_ID_char	Char	6	
22	dnr_accept_rc	Num	8	Donor evaluation: donor acceptance (1=accepted, 2=ruled out)
23	dnr_subtype_c	Num	8	Donor study entry: Enrollee category of subject
24	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
25	dnr_codsec_x	Num	8	Donor study information: Secondary Cause of Death
26	dnr_lifnstatus_x	Num	8	Donor study information: Was liver functioning at the time of death
27	dnr_consentcurr_x	Num	8	Donor study information: Subject Consent Status
28	dnr_consentcurr_dt_x	Num	8	Donor study information: Subject Consent Status Date
29	dnr_consentinit_x	Num	8	Donor study information: Initial Subject Consent Status
30	dnr_consentinit_dt_x	Num	8	Donor study information: Initial Subject Consent Status Date
31	LastDateKnownAliveAfterReTxp	Num	8	Last Date Known Alive After ReTxp
32	dnr_studycomplete_dt_x	Num	8	Donor study information: Study Completed Date
33	dnr_refusalreason_x	Num	8	Donor study information: Refused Consent Reason
34	dnr_ltfureason_x	Num	8	Donor study information: Lost to Follow-up Reason
35	dnr_codprim_spec_x	Char	200	Donor study information: Primary Cause of Death Other

Num	Variable	Type	Len	Label
36	dnr_codsec_spec_x	Char	200	Donor study information: Secondary Cause of Death Other
37	dnr_relationtorcp_ostxt_x	Char	200	Donor study information: Relationship to Recipient, If Other Specify
38	dnr_wt_kg_io_x	Num	8	Donor intraop: weight (kg)
39	CoreLastStatusDate	Num	8	max(last known alive with index graft, min(death date, retransplant date))
40	dnr_consent_dt_x	Num	8	Donor study information: consent date
41	dnr_age_en_x	Num	8	Donor at enrollment: age
42	rcp_a2all_id_x	Char	6	Recipient ID in Core
43	dnr_initiation_x	Num	8	Donor study information: Core site initiation date
44	dnr_bmi_donate_x	Num	8	Donor intraop: bmi (kg/m2)
45	dnr_bsa_donate_x	Num	8	Donor intraop: body surface area (m2)
46	dnr_a2all_id_x	Char	6	Donor ID in Core
47	inx	Num	8	In Core database
48	dnr_unosdon_id_rcx	Char	7	Donor study information: UNOS Don ID
49	dnr_pers_id_rcx	Num	8	Donor study information: SRTR PERS ID
50	rcp_pers_id_rcx	Num	8	Recipient Unique person ID to replace SSN
51	dnr_site_id_rcx	Num	8	Donor site ID in Retro/Cohort/Core
52	dnr_gender_rcx	Num	8	Donor at enrollment: gender (1=male, 2=female)
53	dnr_dob_rcx	Num	8	Donor at enrollment: date of birth
54	dnr_abo_rcx	Num	8	Donor at enrollment: blood type
55	dnr_ethnic_rcx	Num	8	Donor at enrollment: ethnicity
56	dnr_race_rcx	Num	8	Donor at enrollment: race
57	dnr_ht_m_rcx	Num	8	Donor intraop: height (m)
58	dnr_relate_rcx	Num	8	Donor study entry: relationship to recipient
59	dnr_relate_bio_rcx	Num	8	Donor study entry: relationship to recipient: biologically related
60	dnr_relate_unk_rcx	Num	8	Donor study entry: relationship to recipient: unknown
61	dnr_age_donate_rcx	Num	8	Donor intraop: age at donation
62	dnr_surg_dt_rcx	Num	8	Donor intraop: date of donation (includes aborted procedure)
63	dnr_donated_rcx	Num	8	Donor intraop: donated in Retro or Cohort or Core (procedure not aborted)
64	dnr_donate_dt_rcx	Num	8	Donor intraop: date of donation (procedure not aborted)
65	dnr_abort_io_rcx	Num	8	Donor intraop: was the donation procedure aborted?
66	dnr_leftlobe_rcx	Num	8	Donor intraop: left lobe donor
67	dnr_died_rcx	Num	8	Donor study information: died
68	dnr_death_dt_rcx	Num	8	Donor study information: date of death
69	dnr_codprim_rcx	Num	8	Donor study information: Primary Cause of Death
70	dnr_slv_heinemann_rcx	Num	8	Donor intraop: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
71	dnr_slv_urata_rcx	Num	8	Donor intraop: Standard Liver Volume (706.2*BSA+2.4) - Urata
72	dnr_unoscrypt_don_id_rcx	Num	8	Donor study information: UNOS encrypted donor ID

Num	Variable	Type	Len	Label
73	dnr_ht_m_rcx_srs	Num	8	Donor height (m), A2ALL supplemented w/ SRTR dnr_wt_kg_predon_rcx_srDonor weight pre-donation (kg), A2ALL supplemented w/ SRTR
74	dnr_wt_kg_predon_rcx_srs	Num	8	Donor weight (kg), w/ SRTR
75	dnr_abo_rcx_srs	Num	8	Donor at enrollment: blood type, A2ALL supplemented w/ SRTR
76	dnr_leftlobe_rcx_srs	Num	8	Donor intraop: left lobe donor, w/ SRTR
77	dnr_age_donate_rcx_srs	Num	8	
78	dnr_rgtlobe_vol_rcx	Num	8	Right lobe liver volume from imaging (eval in Cohort, intraop in Core/Retro)
79	dnr_lftlobe_vol_rcx	Num	8	Left lobe liver volume from imaging (eval in Cohort, intraop in Core/Retro)
80	dnr_lvol_prednt_rcx	Num	8	Total pre-donation liver volume (from imaging: left lobe + right lobe)
81	dnr_id_cohort_c	Num	8	Cohort study subject: 1=yes, 0=no
82	dnr_id_dqlft_c	Num	8	DQLFT study subject: 1=yes, 0=no
83	dnr_id_grits_c	Num	8	GRITS study subject: 1=yes, 0=no
84	dnr_id_hrqlstudyonly_x	Num	8	Donor study information: HRQOL Only Subjects in Core
85	dnr_id_pain_x	Num	8	Donor study information: Donor pain subject
86	dnr_id_core_x	Num	8	Core study subject: 1=yes, 0=no
87	dnr_id_gap_x	Num	8	Donor study information: gap subject who donated between 9/1/2009 and Core site initiation
88	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only =Core ID if in Core only

**Data Set Name: dnr\_basic\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_eval_dt_r	Num	8	Donor evaluation: date of evaluation
2	rcp_resp_id_r	Num	8	Recipient RESP_ID
3	dnr_resp_id_r	Num	8	Donor resp ID in Retro
4	dnr_a2all_id_r	Char	5	Donor ID in Retro
5	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
6	rcp_a2all_id_r	Char	5	Recipient ID in Retro
7	dnr_biodbxid_c	Num	8	Donor study entry: what is this donors Retro BioDBx Subject Label?
8	dnr_eval_dt_c	Num	8	Donor evaluation: date of evaluation
9	dnr_a2all_id_c	Char	6	Donor ID in Cohort
10	dnr_consent_dt_c	Num	8	Donor PHI: date of consent
11	dnr_initiation_c	Num	8	Donor study entry: Cohort site initiation date
12	rcp_a2all_id_c	Char	6	Donor study entry: Record the BioDBx Cohort Study Subject Number for the recipient this donor is associated with:
13	inr	Num	8	in Retro database
14	inc	Num	8	in Cohort database
15	dnr_ID_GRITS_c	Num	8	GRITS study subject: 1=yes, 0=no
16	dnr_ID_DQLFT_c	Num	8	DQLFT study subject: 1=yes, 0=no
17	dnr_ID_COHORT_c	Num	8	Cohort study subject: 1=yes, 0=no
18	dnr_unosdon_id_rc	Char	14	Donor intraop: Donor ID (UNOS Don_id)
19	dnr_pers_id_rc	Num	8	Donor SRTR ID
20	dnr_site_id_rc	Num	8	Donor site ID in Retro or Cohort
21	dnr_eval_dt_rc	Num	8	Donor evaluation: date of evaluation
22	dnr_dob_rc	Num	8	Donor study entry: date of birth
23	dnr_age_ev_rc	Num	8	Donor evaluation: age at evaluation
24	dnr_age_donate_rc	Num	8	Donor intraop: age at donation
25	dnr_gender_rc	Num	8	Donor study entry: gender (1=male, 2=female)
26	dnr_ethnic_rc	Num	8	Donor study entry: ethnicity
27	dnr_race_rc	Num	8	Donor study entry: race
28	dnr_abo_rc	Num	8	Donor study entry: blood type
29	dnr_ht_m_rc	Num	8	Donor evaluation: height (m)
30	dnr_wt_kg_ev_rc	Num	8	Donor evaluation: weight (kg)
31	dnr_bmi_ev_rc	Num	8	Donor evaluation: bmi (kg/m2)
32	dnr_bsa_ev_rc	Num	8	Donor evaluation: body surface area (m2)
33	dnr_slv_heineman_rc	Num	8	Donor evaluation: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
34	dnr_slv_urata_rc	Num	8	Donor evaluation: Standard Liver Volume (706.2*BSA+2.4) - Urata
35	dnr_relate_bio_rc	Num	8	Donor study entry: relationship to recipient: biologically related



Num	Variable	Type	Len	Label
36	dnr_relate_unk_rc	Num	8	Donor study entry: relationship to recipient: unknown
37	dnr_relate_rc	Num	8	Donor study entry: relationship to recipient
38	dnr_surg_dt_rc	Num	8	Donor intraop: date of donation (includes aborted procedure)
39	dnr_donate_dt_rc	Num	8	Donor intraop: date of donation (procedure not aborted)
40	dnr_leftlobe_rc	Num	8	Donor intraop: left lobe donor
41	dnr_died_rc	Num	8	Donor post-donation assessment: died
42	dnr_death_dt_rc	Num	8	Donor post-donation assessment: date of death
43	dnr_lastfu_dt_rc	Num	8	Donor assessment: end of followup
44	rcp_ID	Char	6	
45	rcp_ID_char	Char	6	
46	DONOR_ID	Num	8	Encrypted Unique Donor ID (all donors) - foreign key
47	dnr_leftlobe_rc_srs	Num	8	Donor intraop: left lobe donor, w/ SRTR
48	dnr_unoscrypt_don_id_rc	Num	8	Donor study information: UNOS encrypted donor ID
49	dnr_rgtlobe_vol_rc	Num	8	Right lobe liver volume from imaging
50	dnr_lftlobe_vol_rc	Num	8	Left lobe liver volume from imaging
51	dnr_lvol_prednt_rc	Num	8	Total pre-donation liver volume (from imaging: left lobe + right lobe)
52	rcp_pers_id_rc	Num	8	Recipient PERS ID
53	dnr_abort_io_rc	Num	8	Donor intraop: was the donation procedure aborted? (1=yes, 2=no)
54	dnr_accept_rc	Num	8	Donor evaluation: donor acceptance (1=accepted, 2=ruled out)
55	dnr_codprim_rc	Num	8	Donor post-donation assessment: the primary cause of death
56	dnr_donated_rc	Num	8	Donor intraop: donated in Retro or Cohort (1=yes, 2=no; procedure not aborted)
57	dnr_subtype_c	Num	8	Donor study entry: Enrollee category of subject
58	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only

**Data Set Name: dnr\_comp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_comp_type_rcx	Char	80	Donor complication: complication type
2	dnr_comp_abprbc_r	Num	8	Donor morbidity: If yes to intra-abdominal bleed, Number of Units of RBCs Transfused
3	dnr_comp_gibldcau_r	Char	25	Donor morbidity: If not ulcer, specify cause of GI bleed
4	dnr_comp_giprbc_r	Num	8	Donor morbidity: Number of Units of RBCs Transfused for GI bleed (enter 0 for none)
5	dnr_comp_ileusleng_r	Num	8	Donor morbidity: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
6	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
7	dnr_comp_rform	Num	8	Donor complication form recorded in Retro
8	dnr_comp_onset_rcx	Num	8	Donor complication severity: Date of Onset
9	dnr_comp_doa_c	Num	8	Donor complication: Date of Assessment:
10	dnr_comp_locother_c	Char	61	Donor complication: Specify other location of infection:
11	dnr_comp_ileus_c	Num	8	Donor complication: Duration of ileus (time from diagnosis to resumption of oral food intake)
12	dnr_comp_bacother_c	Char	61	Donor complication: Other bacterial infection (specify):
13	dnr_comp_virother_c	Char	61	Donor complication: Other viral infection (specify):
14	dnr_comp_fungoth_c	Char	61	Donor complication: Other fungal infection (specify):
15	dnr_comp_prototype_c	Char	61	Donor complication: Type of protozoal infection
16	dnr_comp_prototh_c	Char	61	Donor complication: Other protozoal infection (specify):
17	dnr_comp_admitdt_c	Num	8	Donor complication: What was the date of hospital admission?
18	dnr_comp_cform	Num	8	Donor complication form recorded in Cohort
19	dnr_comp_resol_rc	Num	8	Donor complication: Has the complication resolved?
20	dnr_comp_worse_rc	Num	8	Donor complication: Did the complication get worse? (requiring frequent/varied/continued intervention in an effort to control the complication or its sequelae)
21	dnr_comp_med_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was it necessary to treat the complication with medications?
22	dnr_comp_proc_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication require a procedure or intervention?
23	dnr_comp_proctype_rc	Num	8	Donor complication: Type of intervention or procedure:
24	dnr_comp_transfuse_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the patient receive a blood transfusion associated with this complication?
25	dnr_comp_bldunit_rc	Num	8	Donor complication: Number of units of blood transfused:
26	dnr_comp_icu_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was the patients stay in the ICU prolonged >5 days?
27	dnr_comp_longstay_rc	Num	8	Donor complication: At onset or since the last assessment, was the patient required to stay in the hospital for more than 14 days as a result of this complication?
28	dnr_comp_disab_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication cause the patient to experience residual disability or disease?

Num	Variable	Type	Len	Label
29	dnr_comp_list_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver complications that caused the patient to be listed as a candidate for liver transplant?
30	dnr_comp_listdt_rc	Num	8	Donor complication: date of listing:
31	dnr_comp_txp_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver failure that led to transplantation
32	dnr_comp_death_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the patient die as a result of this complication?
33	dnr_comp_grade_rc	Num	8	Donor complication: Clavien grade
34	dnr_resp_id_r	Num	8	Donor resp ID in Retro
35	dnr_a2all_id_r	Char	5	Donor ID in Retro
36	dnr_a2all_id_c	Char	6	Donor ID in Cohort
37	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
38	dnr_comp_asstype_c	Num	8	Donor complication: Type of Assessment
39	dnr_comp_bactype_c	Num	8	Donor complication: Type of bacterial infection
40	dnr_comp_fungtype_c	Num	8	Donor complication: Type of fungal infection
41	dnr_comp_hospons_c	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was the patient hospitalized?
42	dnr_comp_hpylori_c	Num	8	Donor complication: Did the patient have H. Pylori?
43	dnr_comp_inftype_c	Num	8	Donor complication: Type of infection
44	dnr_comp_medtype_r	Num	8	Donor complication severity: If yes to Medications Required for Treatment, Type of Medications
45	dnr_comp_ulcer_r	Num	8	Donor morbidity: GI bleed caused by an ulcer
46	dnr_comp_virtype_c	Num	8	Donor complication: Type of viral infection
47	dnr_a2all_id_x	Char	6	Patient ID in Core
48	dnr_comp_ongoing_x	Num	8	Donor complication: complication ongoing?
49	dnr_comp_xform	Num	8	Recipient compitalization form recorded in Core
50	dnr_comp_resdate_cx	Num	8	Donor complication: Date of complication resolution:

**Data Set Name: *dnr\_comp\_rc.sas7bdat***

Num	Variable	Type	Len	Label
1	dnr_comp_type_rc	Char	80	Donor complication: complication type
2	dnr_comp_abprbc_r	Num	8	Donor morbidity: If yes to intra-abdominal bleed, Number of Units of RBCs Transfused
3	dnr_comp_gibldcau_r	Char	25	Donor morbidity: If not ulcer, specify cause of GI bleed
4	dnr_comp_giprbc_r	Num	8	Donor morbidity: Number of Units of RBCs Transfused for GI bleed (enter 0 for none)
5	dnr_comp_ileusleng_r	Num	8	Donor morbidity: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
6	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
7	dnr_comp_rform	Num	8	Donor complication form recorded in Retro
8	dnr_comp_onset_rc	Num	8	Donor complication severity: Date of Onset
9	dnr_comp_doa_c	Num	8	Donor complication: Date of Assessment:
10	dnr_comp_locother_c	Char	61	Donor complication: Specify other location of infection:
11	dnr_comp_ileus_c	Num	8	Donor complication: Duration of ileus (time from diagnosis to resumption of oral food intake)
12	dnr_comp_bacother_c	Char	61	Donor complication: Other bacterial infection (specify):
13	dnr_comp_virother_c	Char	61	Donor complication: Other viral infection (specify):
14	dnr_comp_fungoth_c	Char	61	Donor complication: Other fungal infection (specify):
15	dnr_comp_prototype_c	Char	61	Donor complication: Type of protozoal infection
16	dnr_comp_prototh_c	Char	61	Donor complication: Other protozoal infection (specify):
17	dnr_comp_admitdt_c	Num	8	Donor complication: What was the date of hospital admission?
18	dnr_comp_resdate_c	Num	8	Donor complication: Date of complication resolution:
19	dnr_comp_cform	Num	8	Donor complication form recorded in Cohort
20	dnr_comp_resol_rc	Num	8	Donor complication: Has the complication resolved?
21	dnr_comp_worse_rc	Num	8	Donor complication: Did the complication get worse? (requiring frequent/varied/continued intervention in an effort to control the complication or its sequelae)
22	dnr_comp_med_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was it necessary to treat the complication with medications?
23	dnr_comp_proc_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication require a procedure or intervention?
24	dnr_comp_proctype_rc	Num	8	Donor complication: Type of intervention or procedure:
25	dnr_comp_transfuse_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the patient receive a blood transfusion associated with this complication?
26	dnr_comp_bldunit_rc	Num	8	Donor complication: Number of units of blood transfused:
27	dnr_comp_icu_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was the patients stay in the ICU prolonged >5 days?
28	dnr_comp_longstay_rc	Num	8	Donor complication: At onset or since the last assessment, was the patient required to stay in the hospital for more than 14 days as a result of this complication?
29	dnr_comp_disab_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication cause the patient to experience residual disability or disease?

Num	Variable	Type	Len	Label
30	dnr_comp_list_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver complications that caused the patient to be listed as a candidate for liver transplant?
31	dnr_comp_listdt_rc	Num	8	Donor complication: date of listing:
32	dnr_comp_txp_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver failure that led to transplantation
33	dnr_comp_death_rc	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, did the patient die as a result of this complication?
34	dnr_comp_grade_rc	Num	8	Donor complication: Clavien grade
35	dnr_resp_id_r	Num	8	Donor resp ID in Retro
36	dnr_a2all_id_r	Char	5	Donor ID in Retro
37	dnr_a2all_id_c	Char	6	Donor ID in Cohort
38	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
39	dnr_comp_asstype_c	Num	8	Donor complication: Type of Assessment
40	dnr_comp_bactype_c	Num	8	Donor complication: Type of bacterial infection
41	dnr_comp_fungtype_c	Num	8	Donor complication: Type of fungal infection
42	dnr_comp_hospons_c	Num	8	Donor complication: At onset (if documenting onset on this form), or since the last assessment, was the patient hospitalized?
43	dnr_comp_hpylori_c	Num	8	Donor complication: Did the patient have H. Pylori?
44	dnr_comp_inftype_c	Num	8	Donor complication: Type of infection
45	dnr_comp_medtype_r	Num	8	Donor complication severity: If yes to Medications Required for Treatment, Type of Medications
46	dnr_comp_ulcer_r	Num	8	Donor morbidity: GI bleed caused by an ulcer
47	dnr_comp_virtype_c	Num	8	Donor complication: Type of viral infection

**Data Set Name: dnr\_eval\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_a2all_id_r	Char	5	Donor ID in Retro
2	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
3	dnr_biodbxid_c	Num	8	Donor study entry: what is this donors Retro BioDBx Subject Label?
4	dnr_a2all_id_c	Char	6	Donor ID in Cohort
5	dnr_pers_id_rc	Num	8	Donor SRTR ID
6	dnr_site_id_rc	Num	8	Donor site ID in Retro or Cohort
7	dnr_eval_dt_rc	Num	8	Donor evaluation: date of evaluation
8	dnr_dob_rc	Num	8	Donor study entry: date of birth
9	dnr_age_ev_rc	Num	8	Donor evaluation: age at evaluation
10	dnr_gender_rc	Num	8	Donor study entry: gender (1=male, 2=female)
11	dnr_ethnic_rc	Num	8	Donor study entry: ethnicity
12	dnr_race_rc	Num	8	Donor study entry: race
13	dnr_abo_rc	Num	8	Donor study entry: blood type
14	dnr_ht_m_rc	Num	8	Donor evaluation: height (m)
15	dnr_wt_kg_ev_rc	Num	8	Donor evaluation: weight (kg)
16	dnr_bmi_ev_rc	Num	8	Donor evaluation: bmi (kg/m2)
17	dnr_bsa_ev_rc	Num	8	Donor evaluation: body surface area (m2)
18	dnr_slv_heineman_rc	Num	8	Donor evaluation: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
19	dnr_slv_urata_rc	Num	8	Donor evaluation: Standard Liver Volume (706.2*BSA+2.4) - Urata
20	dnr_relate_bio_rc	Num	8	Donor study entry: relationship to recipient: biologically related
21	dnr_relate_unk_rc	Num	8	Donor study entry: relationship to recipient: unknown
22	dnr_relate_rc	Num	8	Donor study entry: relationship to recipient
23	dnr_accept_rc	Num	8	Donor evaluation: donor acceptance (1=accepted, 2=ruling out)
24	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
25	dnr_resp_id_r	Num	8	Donor resp ID in Retro
26	dnr_intraop_trigger_ev_r	Num	8	Donor evaluation: Did the patient go to the OR with the intention of donating a portion of his/her liver? (If so, fill out "Donor Intraoperative" form)
27	dnr_outcome_trigger_ev_r	Num	8	Donor evaluation: Did the patient donate a lobe of his/her liver? If so, then complete the "Donor Morbidity" and "Donor Hospitalizations" forms
28	dnr_lftlobe_ev_c	Num	8	Donor evaluation: Left Lobe Liver Volume
29	dnr_medreas2_ev_c	Char	67	Donor evaluation: Specify "other" secondary medical reason for ruling out donor:
30	dnr_mri_ev_c	Num	8	Donor evaluation: Date of evaluation liver MRI or CT:
31	dnr_otherdrug_name_ev_c	Char	31	Donor evaluation: Other (specify) drug
32	dnr_othmed1_ev_c	Char	55	Donor evaluation: Specify "other" primary medical reason for ruling out donor:
33	dnr_rejothprim_ev_c	Char	159	Donor evaluation: Specify "other" primary reason for ruling donor out

Num	Variable	Type	Len	Label
34	dnr_rgtlobe_ev_c	Num	8	Donor evaluation: Right Lobe Liver Volume:
35	dnr_secother_rej_ev_c	Char	71	Donor evaluation: Specify "other" secondary reason for ruling donor out
36	dnr_whatstudy_c	Char	68	Donor study entry: If yes, what is the name of the study?
37	dnr_alb_ev_c	Num	8	Donor evaluation: Albumin value closest to date of donor evaluation
38	dnr_alt_ev_c	Num	8	Donor evaluation: Serum ALT closest to date of donor evaluation
39	dnr_ast_ev_c	Num	8	Donor evaluation: Serum AST closest to date of donor evaluation
40	dnr_bun_ev_c	Num	8	Donor evaluation: Blood Urea Nitrogen value closest to date of donor evaluation
41	dnr_creat_ev_c	Num	8	Donor evaluation: Creatinine value closest to date of donor evaluation
42	dnr_fer_ev_c	Num	8	Donor evaluation: Ferritin level closest to date of donor evaluation
43	dnr_hgb_ev_c	Num	8	Donor evaluation: Hemoglobin (Hgb) closest to date of donor evaluation
44	dnr_homo_ev_c	Num	8	Donor evaluation: Homocysteine level closest to date of donor evaluation
45	dnr_inr_ev_c	Num	8	Donor evaluation: INR value closest to date of donor evaluation
46	dnr_ldlt_date_c	Num	8	Donor study entry: Date of previous living donor surgery:
47	dnr_plate_ev_c	Num	8	Donor evaluation: Platelet count closest to date of donor evaluation
48	dnr_rcpdob_c	Char	8	Donor study entry: Month and year of birth of the recipient this donor is associated with:
49	dnr_wbc_ev_c	Num	8	Donor evaluation: White Blood Count value closest to date of donor evaluation
50	dnr_above18_c	Num	8	Donor study entry: Donor 18 years of age or older at time of evaluation?
51	dnr_cad_ev_c	Num	8	Donor evaluation: Coronary artery disease
52	dnr_chole_ev_c	Num	8	Donor evaluation: Cholecystectomy
53	dnr_comorbid_ev_c	Num	8	Donor evaluation: Did the prospective donor have a history of any co-morbid conditions listed below?If yes, check all that apply.
54	dnr_crntsmoke_ev_c	Num	8	Donor evaluation: Current smoker
55	dnr_dbm_ev_c	Num	8	Donor evaluation: Diabetes mellitus
56	dnr_depress_ev_c	Num	8	Donor evaluation: Depression
57	dnr_evaltime_c	Num	8	Donor study entry: Donor was evaluated for living liver donation surgery after Jan. 1, 1998 and before Jul. 31, 2009?
58	dnr_htn_ev_c	Num	8	Donor evaluation: Systemic hypertension
59	dnr_lipid_ev_c	Num	8	Donor evaluation: Dyslipidemia
60	dnr_nodrugs_ev_c	Num	8	Donor evaluation: Patient reports no pain drug use.
61	dnr_norglobe_ev_c	Num	8	Donor evaluation: right lobe liver volume not done
62	dnr_prevdon_c	Num	8	Donor study entry: Did the subject undergo living liver donation surgery prior to study entry?
63	dnr_prevsmoke_ev_c	Num	8	Donor evaluation: Previous smoker
64	dnr_pulmo_ev_c	Num	8	Donor evaluation: Pulmonary disease
65	dnr_asa_use_ev_c	Num	8	Donor evaluation: Aspirin - Use
66	dnr_darv_use_ev_c	Num	8	Donor evaluation: Darvocet - Use
67	dnr_dil_use_ev_c	Num	8	Donor evaluation: Dilaudid - Use
68	dnr_motrin_use_ev_c	Num	8	Donor evaluation: NSAID (Motrin, Aleve, ibuprofen,etc) - Use
69	dnr_otherdrug_use_ev_c	Num	8	Donor evaluation: Other drug use
70	dnr_oxy_use_ev_c	Num	8	Donor evaluation: Oxycontin - Use

Num	Variable	Type	Len	Label
71	dnr_perco_use_ev_c	Num	8	Donor evaluation: Percocet - Use
72	dnr_t3_use_ev_c	Num	8	Donor evaluation: Tylenol w/ Codeine - Use
73	dnr_tylnl_use_ev_c	Num	8	Donor evaluation: Plain Tylenol - Use
74	dnr_vico_use_ev_c	Num	8	Donor evaluation: Vicodin - Use
75	dnr_hbcab_ev_c	Num	8	Donor evaluation: Hep. B core antibody screen (HBcAb) result:
76	dnr_hbsag_ev_c	Num	8	Donor evaluation: Hep B surface antigen (HbsAg) result:
77	dnr_hcv_ev_c	Num	8	Donor evaluation: HCV Antibody Test Result:
78	dnr_hcvrna_ev_c	Num	8	Donor evaluation: If HCV+, record the HCV RNA result:
79	dnr_hepd_ev_c	Num	8	Donor evaluation: If Hep B+, record Hepatitis D antibody screen result:
80	dnr_hiv_ev_c	Num	8	Donor evaluation: HIV results closest to date of donor evaluation:
81	dnr_rcprace_c	Num	8	Donor study entry: Race of the recipient this donor is associated with:
82	dnr_rcpgender_c	Num	8	Donor study entry: Gender of the recipient this donor is associated with:
83	dnr_rcpethnic_c	Num	8	Donor study entry: Ethnicity of the recipient this donor is associated with:
84	dnr_subtype_c	Num	8	
85	dnr_secrej_reas_ev_c	Num	8	Donor evaluation: Secondary reason why donor was ruled out:
86	dnr_upperabd_ev_c	Num	8	Donor evaluation: Previous upper abdominal surgery?
87	dnr_othstudy_c	Num	8	Donor study entry: Is the patient a subject in another research study?
88	dnr_ins_ev_c	Num	8	Donor evaluation: Primary source of payment (may be reflective of recipients medical coverage):
89	dnr_norcpid_why_c	Num	8	Donor study entry: If no RCP Cohort Study BioDBx ID, indicate reason.
90	inr	Num	8	In Retro database
91	inc	Num	8	In Cohort database
92	dnr_education_rc	Num	8	Donor evaluation: Donor highest education level at time of evaluation:
93	dnr_residence_rc	Char	3	Donor evaluation: Donor state of permanent residence at the time of evaluation:
94	dnr_rejdate_ev_rc	Num	8	Donor evaluation: Date of decision to rule donor out:
95	dnr_rejreas_ev_rc	Num	8	Donor evaluation: Primary reason why donor was ruled out:
96	dnr_alk_ev_rc	Num	8	Donor evaluation: Serum Alkaline Phosphatase (ALK PHOS) closest to date of donor evaluation
97	dnr_cmv_ev_rc	Num	8	Donor evaluation: CMV IgG closest to date of donor evaluation
98	dnr_bili_ev_rc	Num	8	Donor evaluation: Serum Total Bilirubin closest to date of donor evaluation
99	dnr_lvol_prednt_c	Num	8	Donor evaluation: total pre-donation liver volume (from imaging: left lobe + right lobe)



**Data Set Name: dnr\_hosp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: in Cohort) =Retro ID if in Retro (it may be =Cohort ID if in Cohort only
2	dnr_hosp_admit_rcx	Num	8	Donor hospitalization: admission date
3	dnr_hosp_rform	Num	8	Donor hospitalization form recorded in Retro
4	dnr_hosp_cform	Num	8	Donor hospitalization form recorded in Cohort
5	dnr_resp_id_r	Num	8	Donor resp ID in Retro
6	dnr_a2all_id_r	Char	5	Donor ID in Retro
7	dnr_a2all_id_c	Char	6	Donor ID in Cohort
8	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro ID if in Retro only =Core ID if in Core only
9	dnr_hosp_icu_unk_c	Num	8	Donor hospitalization: number of ICU days unknown
10	dnr_a2all_id_x	Char	6	Subject ID
11	dnr_hosp_xform	Num	8	Donor hospitalization form recorded in Core
12	dnr_hosp_dc_rcx	Num	8	Donor hospitalization: discharge date
13	dnr_hosp_morb_cx	Num	8	
14	dnr_hosp_dcdest_rcx	Num	8	Donor hospitalization: discharge destination
15	dnr_hosp_icuday_rcx	Num	8	Donor hospitalization: number of days in ICU
16	dnr_hosp_type_rcx	Num	8	Donor hospitalization: hospital type
17	dnr_hosp_reason_rcx	Num	8	Donor hospitalization: admission reason
18	dnr_hosp_dcdx_rcx	Char	200	Donor hospitalization: discharge diagnosis

**Data Set Name: dnr\_hosp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: in Cohort) =Retro ID if in Retro (it may be =Cohort ID if in Cohort only
2	dnr_hosp_admit_rc	Num	8	Donor hospitalization: admission date
3	dnr_hosp_rform	Num	8	Donor hospitalization form recorded in Retro
4	dnr_hosp_cform	Num	8	Donor hospitalization form recorded in Cohort
5	dnr_hosp_dc_rc	Num	8	Donor hospitalization: discharge date
6	dnr_hosp_dcdest_rc	Num	8	Donor hospitalization: discharge destination
7	dnr_hosp_icuday_rc	Num	8	Donor hospitalization: number of days in ICU
8	dnr_hosp_type_rc	Num	8	Donor hospitalization: hospital type
9	dnr_hosp_reason_rc	Num	8	Donor hospitalization: admission reason
10	dnr_hosp_dcdx_rc	Num	8	Donor hospitalization: discharge diagnosis
11	dnr_resp_id_r	Num	8	Donor resp ID in Retro
12	dnr_a2all_id_r	Char	5	Donor ID in Retro
13	dnr_a2all_id_c	Char	6	Donor ID in Cohort
14	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) =Retro ID if in Retro only =Core ID if in Core only
15	dnr_hosp_icu_unk_c	Num	8	Donor hospitalization: number of ICU days unknown
16	dnr_hosp_morb_c	Num	8	Donor hospitalization: was this admission associated with a study-tracked post-txp complication?

**Data Set Name: *dnr\_hrqolonly\_assessment.sas7bdat***

Num	Variable	Type	Len	Label
1	DNR_QOLOnly_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	A2ALL_ID	Char	6	Subject ID
4	DNR_QOLOnly_EDCLogin_DT	Num	8	EDC Complete Date
5	DNR_QOLONLY_PreDon_Assess_DT	Num	8	A:1 [ HRQOL Pre-Donation ] : What was the date of this donor s pre-donation evaluation?
6	DNR_QOLONLY_PreDon_State	Num	8	A:2 [ HRQOL Pre-Donation ] : Donor state of permanent residence at the time of evaluation:
7	DNR_QOLONLY_PreDon_Education	Num	8	A:3 [ HRQOL Pre-Donation ] : Donor highest education level at time of evaluation:
8	DNR_QOLONLY_PreDon_Ht_VAL	Num	8	A:4 [Donor height at time of evaluation:] : in <Inches> MinRange = 48, MaxRange = 84
9	DNR_QOLONLY_PreDon_Ht_ND	Num	8	A:4 [Donor height at time of evaluation:] : Not Done < 1=Not Done >
10	DNR_QOLONLY_PreDon_Wt_VAL	Num	8	A:5 [Donor weight at time of evaluation:] : in <Kilograms> MinRange = 36, MaxRange = 160
11	DNR_QOLONLY_PreDon_Wt_ND	Num	8	A:5 [Donor weight at time of evaluation:] : Not Done < 1=Not Done >
12	DNR_QOLONLY_PreDon_PrimPay	Num	8	A:6 [ HRQOL Pre-Donation ] : Primary source of payment (may reflect recipient s medical coverage) at time of evaluation:
13	DNR_QOLONLY_PreDon_PrimPay_OSTXT	Char	50	A: [ HRQOL Pre-Donation ] : Specify other source of primary payment:
14	DNR_QOLONLY_PDY1_Wt_ND	Num	8	B:4 [Donor weight:] : Not Done < 1=Not Done >
15	DNR_QOLONLY_PDY1_Wt_VAL	Num	8	B:4 [Donor weight:] : in <Kilograms> MinRange = 36, MaxRange = 160
16	DNR_QOLONLY_PDY1_PrimPay	Num	8	B:5 [ HRQOL 1-Year Post-Donation ] : Primary source of payment (may reflect recipient s medical coverage) at 1 year post donation assessment:
17	DNR_QOLONLY_PDY1_PrimPay_OSTXT	Char	50	B: [ HRQOL 1-Year Post-Donation ] : Specify other source of primary payment:
18	DNR_QOLONLY_PDY1_Hosp	Num	8	B:6 [ HRQOL 1-Year Post-Donation ] : Has the patient been hospitalized in the first year since donation? (If yes, please fill out a hospitalization CRF for each hospitalization)
19	DNR_QOLONLY_PDY1_Comp	Num	8	B:7 [ HRQOL 1-Year Post-Donation ] : Has the patient experienced a complication in the first year since donation? (If yes, please fill out a complication CRF for each study tracked complication)
20	DNR_QOLONLY_PDY1_Cond	Num	8	B:8 [ HRQOL 1-Year Post-Donation ] : Donor medical condition at this assessment:
21	DNR_QOLONLY_PDY1_Employ	Num	8	B:9 [ HRQOL 1-Year Post-Donation ] : Donor employment status at this assessment:
22	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID
23	DNR_QOLONLY_PDY1_FU_DT	Num	8	B:1 [ HRQOL 1-Year Post-Donation ] : Date of the assessment closest to 1-year post-donation:

Num	Variable	Type	Len	Label
24	DNR_QOLONLY_PDY1_InPersonFU_DT	Num	8	B:2 [ HRQOL 1-Year Post-Donation] : Date of last face-to-face examination within the first year of donation:
25	DNR_QOLONLY_PDY1_LInPersonFU_DT	Num	8	B:3 [ HRQOL 1-Year Post-Donation] : Date of most recent face-to-face examination:

**Data Set Name: *dnr\_hrqolonly\_comp.sas7bdat***

Num	Variable	Type	Len	Label
1	Facility_ID	Num	8	Facility ID
2	A2ALL_ID	Char	6	Subject ID
3	DNR_QOLONLY_COMP_Type	Num	8	A:1 [ HRQOL Complication Information ] : Complication type:
4	DNR_QOLONLY_COMP_Infect_OSTXT	Char	100	A: [ HRQOL Complication Information ] : Specify other infection location:
5	DNR_QOLONLY_COMP_Onset_DT	Num	8	A:2 [ HRQOL Complication Information ] : Date of onset:
6	DNR_QOLONLY_COMP_Hosp	Num	8	A:3 [ HRQOL Complication Information ] : Was the patient hospitalized for treatment of this complication?
7	DNR_QOLONLY_COMP_HospAdmit_DT	Num	8	A: [ HRQOL Complication Information ] : If yes, date of hospital admission:
8	DNR_QOLONLY_COMP_Resolve	Num	8	A:4 [ HRQOL Complication Information ] : Has the complication been resolved?
9	DNR_QOLONLY_COMP_Resolve_DT	Num	8	A: [ HRQOL Complication Information ] : If yes, date of resolution:
10	DNR_QOLONLY_COMP_Meds	Num	8	A:5 [ HRQOL Complication Information ] : Was it necessary to treat the complication with medications (other than immunosuppressive agents, analgesics, antipyretic, anti-inflammatory and antiemetic, drugs required for urinary retention or lower urinary trac
11	DNR_QOLONLY_COMP_Intervention	Num	8	A:6 [ HRQOL Complication Information ] : Did the complication require a procedure or intervention?
12	DNR_QOLONLY_COMP_InterventionTyp	Num	8	A: [ HRQOL Complication Information ] : If yes, type of intervention or procedure:
13	DNR_QOLONLY_COMP_Blood	Num	8	A:7 [ HRQOL Complication Information ] : Did the patient receive a blood transfusion associated with this complication?
14	DNR_QOLONLY_COMP_BloodUnits	Num	8	A: [ HRQOL Complication Information ] : If yes, number of units of blood transfused:
15	DNR_QOLONLY_COMP_ICU	Num	8	A:8 [ HRQOL Complication Information ] : Was the patient admitted to the ICU as a result of this complication?
16	DNR_QOLONLY_COMP_ExtHosp	Num	8	A:9 [ HRQOL Complication Information ] : Was the patient required to stay in the hospital for 14 days or more or 5 or more ICU days as a result of this complication?
17	DNR_QOLONLY_COMP_ResidDis	Num	8	A:10 [ HRQOL Complication Information ] : Did the complication cause the patient to experience residual disability or disease?
18	DNR_QOLONLY_COMP_LiWaitList	Num	8	A:11 [ HRQOL Complication Information ] : Did the complication result in liver complications that caused the patient to be listed as a candidate for liver transplant?
19	DNR_QOLONLY_COMP_LiWaitList_DT	Num	8	A: [ HRQOL Complication Information ] : If yes, date of listing:
20	DNR_QOLONLY_COMP_ReTxp	Num	8	A:12 [ HRQOL Complication Information ] : Did the complication result in liver failure that led to transplantation?
21	DNR_QOLONLY_COMP_Death	Num	8	A:13 [ HRQOL Complication Information ] : Did the patient die as a result of the complication?
22	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID



Num	Variable	Type	Len	Label
35	dnr_duration_io_rc	Num	8	Donor intraop: operation length (=incision to skin closure, if missing, =anesthesia start to end)
36	dnr_res_vol_io_rc	Num	8	Donor intraop: What was the percentage of residual volume in the remnant liver?
37	dnr_hepvein_num_io_rc	Num	8	Donor intraop: Total number of hepatic veins from the right lobe >5mm preserved for anastomosis:
38	dnr_vein1_site_io_rc	Num	8	Donor intraop: Site of the first hepatic vein preserved for anastomosis:
39	dnr_vein2_site_io_rc	Num	8	Donor intraop: Site of the second hepatic vein preserved for anastomosis:
40	dnr_vein3_site_io_rc	Num	8	Donor intraop: Site of the third hepatic vein preserved for anastomosis:
41	dnr_vein4_site_io_rc	Num	8	Donor intraop: Site of the fourth hepatic vein preserved for anastomosis:
42	dnr_vein5_site_io_rc	Num	8	Donor intraop: Site of the fifth hepatic vein preserved for anastomosis:
43	dnr_pv_rl_io_rc	Num	8	Donor intraop: How many portal vein(s) to right lobe?
44	dnr_hv_rl_io_rc	Num	8	Donor intraop: How many hepatic arteries to right lobe?
45	dnr_bd_rl_io_rc	Num	8	Donor intraop: How many bile ducts from right lobe?
46	dnr_chol_io_rc	Num	8	Donor intraop: What were the results of the post-resection cholangiogram?
47	dnr_rbc_io_rc	Num	8	Donor intraop: Number of units of transfused packed RBCs during donation surgery:
48	dnr_comp_io_rc	Num	8	Donor intraop: Did other complications occur during the surgery?
49	dnr_comp_spec_io_rc	Char	80	Donor intraop: What other complication(s) occurred?
50	dnr_oth_surg_io_rc	Num	8	Donor intraop: Were there other surgical procedures performed at the time of donor surgery?
51	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
52	dnr_wt_kg_io_x	Num	8	Donor intraop: Donor weight closest to the time of donation (Kilograms)
53	dnr_ht_m_x	Num	8	Donor intraop: Donor height closest to the time of donation (Meters)
54	dnr_a2all_id_x	Char	6	Donor ID in Core
55	dnr_site_id_x	Num	8	
56	dnr_ht_nd_io_x	Num	8	Donor intraop: B:1 [Donor height closest to the time of donation:] Not Done < 1=Not Done >
57	dnr_wt_nd_io_x	Num	8	Donor intraop: B:2 [Donor weight closest to the time of donation:] Not Done < 1=Not Done >
58	dnr_spleenvol_io_x	Num	8	Donor intraop: B:16 [DNR Pre-op Labs/ Imaging] Spleen Volume (CT or MR): cc
59	dnr_anex_io_x	Num	8	Donor intraop: C:2 [DNR Surgery Info] Did the donor receive general anesthesia?
60	dnr_divparench_io_x	Num	8	Donor intraop: C:3 [DNR Surgery Info] Was the liver parenchyma divided?
61	dnr_loberemove_io_x	Num	8	Donor intraop: C:4 [DNR Surgery Info] Was the lobe removed from the donor?
62	dnr_lapsurg_io_x	Num	8	Donor intraop: C:5 [DNR Surgery Info] Was the donation procedure performed laparoscopically?
63	dnr_afnd_io_x	Num	8	Donor intraop: E:1 [DNR Pressure & Flow Measurements] In situ graft hepatic artery flow:
64	dnr_grftxporigrpcp_io_x	Num	8	Donor intraop: C:7 [DNR Surgery Info] Was the donated graft transplanted into the originally-intended recipient? (if yes, go to question C-8)
65	dnr_afmean_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Mean: ml/min
66	dnr_afmin_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Minimum: ml/min

Num	Variable	Type	Len	Label
67	dnr_afmax_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Maximum: ml/min
68	dnr_pfnd_io_x	Num	8	Donor intraop: E:2 [DNR Pressure & Flow Measurements] In situ graft portal vein flow:
69	dnr_pfmean_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Mean: ml/min
70	dnr_pfmin_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Minimum: ml/min
71	dnr_macrofat_unit_io_x	Num	8	Donor intraop: D: What was the percentage of macrovesicular fat noted on the biopsy report?
72	dnr_pfmax_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Maximum: ml/min
73	dnr_microfat_unit_io_x	Num	8	Donor intraop: D: What was the percentage of microvesicular fat noted on the biopsy report?
74	dnr_ppclamp_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Clamped:
75	dnr_ppclampunit_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Clamped:
76	dnr_ppopenunit_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Unclamped:
77	dnr_recovlobetype_io_x	Num	8	Donor intraop: C:9 [DNR Surgery Info] Lobe recovered:
78	dnr_ppopen_io_x	Num	8	Donor intraop: E: [DNR Pressure & Flow Measurements] Unclamped:
79	dnr_rlobemidhepvein_io_x	Num	8	Donor intraop: C:10 [DNR Surgery Info] Was the middle hepatic vein included?
80	dnr_map_io_x	Num	8	Donor intraop: E:4 [DNR Pressure & Flow Measurements] Mean arterial pressure: mmHg
81	dnr_grftwt_io_x	Num	8	Donor intraop: C:11 [DNR Surgery Info] What was the weight of the resected lobe (graft lobe)?
82	dnr_cvp_io_x	Num	8	Donor intraop: E:5 [DNR Pressure & Flow Measurements] Central venous pressure:
83	dnr_cvpunit_io_x	Num	8	Donor intraop: E:5 [DNR Pressure & Flow Measurements] Central venous pressure:
84	dnr_bankblood_io_x	Num	8	Donor intraop: D:13 Was banked blood given to the subject during the donation surgery?
85	dnr_autolbloodunit_io_x	Num	8	Donor intraop: C: [DNR Surgery Info] Number of predonated autologous units:
86	dnr_nonautolbloodunit_io_x	Num	8	Donor intraop: C: [DNR Surgery Info] Number of non-autologous units:
87	dnr_crscclampm_io_x	Char	5	Donor intraop: C:17 [DNR Surgery Info] Cross clamp time (24-hour clock time):
88	dnr_biliaryanat_io_x	Num	8	Donor intraop: D:1 [DNR Anatomy] Select the figure below that indicates the donor s biliary anatomy:
89	dnr_venanat_io_x	Num	8	Donor intraop: D:2 [DNR Anatomy] Select the figure below that indicates the donors hepatic venous anatomy
90	dnr_rlobevenanat_io_x	Num	8	Donor intraop: D:3 [DNR Anatomy] Right lobe graft hepatic venous anatomy: Select vein >5mm preserved for anastomosis:
91	dnr_rlobevenanat_ostxt_io_x	Char	200	Donor intraop: D: [DNR Anatomy] Specify Other:
92	dnr_llobevenanat_io_x	Num	8	Donor intraop: D:4 [DNR Anatomy] Left lobe graft hepatic venous anatomy:
93	dnr_llobevenanat_ostxt_io_x	Char	200	Donor intraop: D: [DNR Anatomy] Specify Other:
94	dnr_llsegvenanat_io_x	Num	8	Donor intraop: D:5 [DNR Anatomy] Left lateral segment graft hepatic venous anatomy:
95	dnr_llsegvenanat_ostxt_io_x	Char	200	Donor intraop: D: [DNR Anatomy] Specify Other:
96	dnr_portvenanat_io_x	Num	8	Donor intraop: D:6 [DNR Anatomy] Select the figure below that indicates the donor s portal venous anatomy:
97	dnr_artanat_io_x	Num	8	Donor intraop: D:7 [DNR Anatomy] Select the figure below that indicates the donor s hepatic arterial anatomy:



Num	Variable	Type	Len	Label
98	dnr_seg4artsupply_io_x	Num	8	Donor intraop: D:8 [DNR Anatomy] Does the arterial supply to segment 4 arise from the left hepatic artery or the right hepatic artery:
99	dnr_notxp_oth_io_x	Num	8	Donor intraop: C: [DNR Surgery Info] other
100	inx	Num	8	in Core database
101	dnr_abort_livqual_io_rcx	Num	8	Donor intraop: Quality of donor liver
102	dnr_abort_litliv_io_rcx	Num	8	Donor intraop: Insufficient liver mass
103	dnr_abort_tech_io_rcx	Num	8	Donor intraop: Technical difficulties in the donor
104	dnr_abort_dinst_io_rcx	Num	8	Donor intraop: Donor instability
105	dnr_abort_rdot_io_rcx	Num	8	Donor intraop: Recipient death on table
106	dnr_abort_rinst_io_rcx	Num	8	Donor intraop: Recipient instability
107	dnr_abort_rsurp_io_rcx	Num	8	Donor intraop: Unexpected medical findings in recipient
108	dnr_abort_oth_io_rcx	Num	8	Donor intraop: Other
109	dnr_abort_spec_io_rcx	Char	200	Donor intraop: Specify "other" reason for procedure abortion:
110	dnr_graft_txp_io_rcx	Num	8	Donor intraop: Was the resected graft transplanted into the recipient?
111	dnr_notxp_livqual_io_rcx	Num	8	Donor intraop: Quality of donor liver
112	dnr_notxp_litliv_io_rcx	Num	8	Donor intraop: Insufficient liver mass
113	dnr_notxp_rdot_io_rcx	Num	8	Donor intraop: Recipient death on table
114	dnr_notxp_rinst_io_rcx	Num	8	Donor intraop: Recipient instability
115	dnr_notxp_rsurp_io_rcx	Num	8	Donor intraop: Unexpected medical findings in recipient
116	dnr_notxp_spec_io_rcx	Char	200	Donor intraop: Specify "other" reason why the resected graft was not transplanted into the recipient:
117	dnr_bx_io_rcx	Num	8	Donor intraop: Was a pre-operative or intraoperative biopsy of the donor liver performed?
118	dnr_macrofat_io_rcx	Num	8	Donor intraop: Percentage of macrovesicular fat:
119	dnr_microfat_io_rcx	Num	8	Donor intraop: Percentage of microvesicular fat:
120	dnr_bx_othspec_io_rcx	Char	500	Donor intraop: Other findings (specify)
121	dnr_hypo_io_rcx	Num	8	Donor intraop: Did the subject experience episode(s) of hypotension (systolic BP < 100 mmHg) during the surgery?
122	dnr_hypo_length_io_rcx	Num	8	Donor intraop: Total duration of the hypotensive episode(s). If more than one episode occurred, add them together.
123	dnr_inj_io_rcx	Num	8	Donor intraop: Did an intraoperative injury occur?
124	dnr_inj_bd_io_rcx	Num	8	Donor intraop: Operative injury: bile duct
125	dnr_inj_pv_io_rcx	Num	8	Donor intraop: Operative injury: portal vein
126	dnr_inj_ha_io_rcx	Num	8	Donor intraop: Operative injury: hepatic artery
127	dnr_inj_oth_io_rcx	Num	8	Donor intraop: Operative injury: other
128	dnr_inj_oth_spec_io_rcx	Char	200	Donor intraop: Operative injury: specify other
129	dnr_rgtlobe_vol_rx	Num	8	Donor intraop: Right Lobe weight according to preoperative imaging (in grams)
130	dnr_lftlobe_vol_rx	Num	8	Donor intraop: Left Lobe weight according to preoperative imaging (in grams)
131	dnr_alt_io_cx	Num	8	Donor intraop: Record the ALT value closest to the time of donation:
132	dnr_ast_io_cx	Num	8	Donor intraop: Record the AST value closest to the time of donation:

Num	Variable	Type	Len	Label
133	dnr_alk_io_cx	Num	8	Donor intraop: Record the ALK value closest to the time of donation:
134	dnr_bili_io_cx	Num	8	Donor intraop: Record the total bilirubin value closest to the time of donation:
135	dnr_creat_io_cx	Num	8	Donor intraop: Record the serum creatinine value closest to the time of donation:
136	dnr_alb_io_cx	Num	8	Donor intraop: Record the albumin value closest to the time of donation:
137	dnr_bun_io_cx	Num	8	Donor intraop: Record the blood urea nitrogen (BUN) value closest to the time of donation:
138	dnr_inr_io_cx	Num	8	Donor intraop: Record the INR value at time of donation:
139	dnr_wbc_io_cx	Num	8	Donor intraop: Record the white blood cell count (WBC) closest to the time of donation:
140	dnr_hgb_io_cx	Num	8	Donor intraop: Record the hemoglobin (Hgb) value at time of donation:
141	dnr_plate_io_cx	Num	8	Donor intraop: Record the platelet value closest to the time of donation:
142	dnr_noalt_io_cx	Num	8	Donor intraop: ALT not done
143	dnr_noast_io_cx	Num	8	Donor intraop: AST not done
144	dnr_noalk_io_cx	Num	8	Donor intraop: ALK not done
145	dnr_nobili_io_cx	Num	8	Donor intraop: total bilirubin not done
146	dnr_nocreat_io_cx	Num	8	Donor intraop: serum creatinine not done
147	dnr_noalb_io_cx	Num	8	Donor intraop: albumin not done
148	dnr_nobun_io_cx	Num	8	Donor intraop: BUN not done
149	dnr_noinr_io_cx	Num	8	Donor intraop: INR not done
150	dnr_nowbc_io_cx	Num	8	Donor intraop: WBC not done
151	dnr_nohgb_io_cx	Num	8	Donor intraop: hemoglobin not done
152	dnr_noplate_io_cx	Num	8	Donor intraop: platelet not done
153	dnr_bx_othfind_io_cx	Num	8	Donor intraop: Were other findings noted?
154	dnr_autotrans_io_cx	Num	8	Donor intraop: Was auto-transfusion used?
155	dnr_autotrans_amt_io_cx	Num	8	Donor intraop: Total amount transfused:
156	dnr_systolic_io_cx	Num	8	Donor intraop: Did the subject experience a systolic BP < 80 mmHg for five or more continuous minutes?
157	dnr_site_id_rcx	Num	8	Donor site ID in Retro/Cohort/Core
158	dnr_surg_dt_rcx	Num	8	Donor intraop: date of donation (includes aborted procedure)
159	dnr_donated_rcx	Num	8	Donor intraop: donated in Retro or Cohort or Core (procedure not aborted)
160	dnr_donate_dt_rcx	Num	8	Donor intraop: date of donation (procedure not aborted)
161	dnr_abort_io_rcx	Num	8	Donor intraop: was the donation procedure aborted?

**Data Set Name: dnr\_intraop\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_a2all_id_r	Char	5	Donor ID in Retro
2	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
3	dnr_a2all_id_c	Char	6	Donor ID in Cohort
4	dnr_unosdon_id_rc	Char	14	Donor intraop: Donor ID (UNOS Don_id)
5	dnr_site_id_rc	Num	8	Donor site ID in Retro or Cohort
6	dnr_surg_dt_rc	Num	8	Donor intraop: date of donation (includes aborted procedure)
7	dnr_donate_dt_rc	Num	8	Donor intraop: date of donation (procedure not aborted)
8	dnr_abort_io_rc	Num	8	Donor intraop: was the donation procedure aborted? (1=yes, 2=no)
9	dnr_donated_rc	Num	8	Donor intraop: donated in Retro or Cohort (1=yes, 2=no; procedure not aborted)
10	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
11	dnr_resp_id_r	Num	8	Donor resp ID in Retro
12	dnr_pers_id_r	Num	8	Donor pers ID in Retro
13	dnr_lftlobe_vol_r	Num	8	Donor intraop: Left Lobe weight according to preoperative imaging (in grams)
14	dnr_rgtlobe_vol_r	Num	8	Donor intraop: Right Lobe weight according to preoperative imaging (in grams)
15	dnr_veinsize2_io_r	Num	8	Donor intraop: Size of Second Vein Preserved in mm
16	dnr_veinsize3_io_r	Num	8	Donor intraop: Size of Third Vein Preserved in mm
17	dnr_veinsize4_io_r	Num	8	Donor intraop: Size of Fourth Vein Preserved in mm
18	dnr_veinsize5_io_r	Num	8	Donor intraop: Size of Fifth Vein Preserved in mm
19	dnr_veinsize1_io_r	Num	8	Donor intraop: Size of First Vein Preserved in mm
20	dnr_site_id_c	Num	8	Donor site ID in Cohort
21	dnr_alb_io_c	Num	8	Donor intraop: Record the albumin value closest to the time of donation:
22	dnr_alk_io_c	Num	8	Donor intraop: Record the ALK value closest to the time of donation:
23	dnr_alt_io_c	Num	8	Donor intraop: Record the ALT value closest to the time of donation:
24	dnr_ast_io_c	Num	8	Donor intraop: Record the AST value closest to the time of donation:
25	dnr_autotrans_amt_io_c	Num	8	Donor intraop: Total amount transfused:
26	dnr_bun_io_c	Num	8	Donor intraop: Record the blood urea nitrogen (BUN) value closest to the time of donation:
27	dnr_fer_io_c	Num	8	Donor intraop: Record the ferritin value closest to the time of donation:
28	dnr_hgb_io_c	Num	8	Donor intraop: Record the hemoglobin (Hgb) value at time of donation:
29	dnr_homo_io_c	Num	8	Donor intraop: Record the homocysteine value closest to the time of donation:
30	dnr_inr_io_c	Num	8	Donor intraop: Record the INR value at time of donation:
31	dnr_othsurg_spec_io_c	Char	83	Donor intraop: What other surgery(s) was performed?
32	dnr_plate_io_c	Num	8	Donor intraop: Record the platelet value closest to the time of donation:
33	dnr_creat_io_c	Num	8	Donor intraop: Record the serum creatinine value closest to the time of donation:
34	dnr_bili_io_c	Num	8	Donor intraop: Record the total bilirubin value closest to the time of donation:
35	dnr_vein1_oth_c	Char	28	Donor intraop: Specify "other" site of first hepatic vein preserved for anastomosis:

Num	Variable	Type	Len	Label
36	dnr_vein2_oth_c	Char	61	Donor intraop: Specify "other" site of second hepatic vein preserved for anastomosis:
37	dnr_vein3_oth_c	Char	66	Donor intraop: Specify "other" site of third hepatic vein preserved for anastomosis:
38	dnr_vein4_oth_c	Char	11	Donor intraop: Specify "other" site of fourth hepatic vein preserved for anastomosis:
39	dnr_wbc_io_c	Num	8	Donor intraop: Record the white blood cell count (WBC) closest to the time of donation:
40	inr	Num	8	in Retro database
41	inc	Num	8	in Cohort database
42	dnr_epianal_io_r	Num	8	Donor intraop: Epidural Analgesia (e.g. Duramorph)
43	dnr_epianes_io_r	Num	8	Donor intraop: Epidural Anesthesia
44	dnr_postcholi_io_r	Num	8	Donor intraop: Post-resection cholangiogram performed
45	dnr_autotrans_io_c	Num	8	Donor intraop: Was auto-transfusion used?
46	dnr_hla_io_c	Num	8	Donor intraop: Was HLA-ABDR antigen testing done?
47	dnr_noalb_io_c	Num	8	Donor intraop: albumin not done
48	dnr_noalk_io_c	Num	8	Donor intraop: ALK not done
49	dnr_noalt_io_c	Num	8	Donor intraop: ALT not done
50	dnr_noast_io_c	Num	8	Donor intraop: AST not done
51	dnr_nobili_io_c	Num	8	Donor intraop: total bilirubin not done
52	dnr_nobun_io_c	Num	8	Donor intraop: BUN not done
53	dnr_nobxfind_io_c	Num	8	Donor intraop: No other findings noted.
54	dnr_nofer_io_c	Num	8	Donor intraop: ferritin not done
55	dnr_nohgb_io_c	Num	8	Donor intraop: hemoglobin not done
56	dnr_nohomo_io_c	Num	8	Donor intraop: homocysteine not done
57	dnr_noinr_io_c	Num	8	Donor intraop: INR not done
58	dnr_noplate_io_c	Num	8	Donor intraop: platelet not done
59	dnr_nocreat_io_c	Num	8	Donor intraop: serum creatinine not done
60	dnr_nowbc_io_c	Num	8	Donor intraop: WBC not done
61	dnr_systolic_io_c	Num	8	Donor intraop: Did the subject experience a systolic BP < 80 mmHg for five or more continuous minutes?
62	dnr_pres_sol_io_c	Num	8	Donor intraop: What solution was used to preserve the graft?
63	dnr_hla_a1locus_io_c	Num	8	Donor intraop: Record first HLA-A antigen:
64	dnr_hla_a2locus_io_c	Num	8	Donor intraop: Record second HLA-A antigen:
65	dnr_hla_b1locus_io_c	Num	8	Donor intraop: Record first HLA-B antigen:
66	dnr_hla_b2locus_io_c	Num	8	Donor intraop: Record second HLA-B antigen:
67	dnr_hla_dr1locus_io_c	Num	8	Donor intraop: Record first HLA-DR antigen:
68	dnr_hla_dr2locus_io_c	Num	8	Donor intraop: Record second HLA-DR antigen:
69	dnr_abort_livqual_io_rc	Num	8	Donor intraop: Quality of donor liver
70	dnr_abort_litliv_io_rc	Num	8	Donor intraop: Insufficient liver mass
71	dnr_abort_tech_io_rc	Num	8	Donor intraop: Technical difficulties in the donor
72	dnr_abort_dinst_io_rc	Num	8	Donor intraop: Donor instability
73	dnr_abort_rinst_io_rc	Num	8	Donor intraop: Recipient instability

Num	Variable	Type	Len	Label
74	dnr_abort_rsurp_io_rc	Num	8	Donor intraop: Unexpected medical findings in recipient
75	dnr_abort_rdot_io_rc	Num	8	Donor intraop: Recipient death on table
76	dnr_abort_oth_io_rc	Num	8	Donor intraop: Other
77	dnr_abort_spec_io_rc	Char	92	Donor intraop: Specify "other" reason for procedure abortion:
78	dnr_graft_txp_io_rc	Num	8	Donor intraop: Was the resected graft transplanted into the recipient?
79	dnr_notxp_livqual_io_rc	Num	8	Donor intraop: Quality of donor liver
80	dnr_notxp_litliv_io_rc	Num	8	Donor intraop: Insufficient liver mass
81	dnr_notxp_rinst_io_rc	Num	8	Donor intraop: Recipient instability
82	dnr_notxp_rsurp_io_rc	Num	8	Donor intraop: Unexpected medical findings in recipient
83	dnr_notxp_rdot_io_rc	Num	8	Donor intraop: Recipient death on table
84	dnr_notxp_spec_io_rc	Char	24	Donor intraop: Specify "other" reason why the resected graft was not transplanted into the recipient:
85	dnr_gatime_io_rc	Num	8	Donor intraop: Total Anesthesia Time (in minutes). Defined as induction to skin closure and dressing
86	dnr_sctime_io_rc	Num	8	Donor intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
87	dnr_duration_io_rc	Num	8	Donor intraop: operation length (=incision to skin closure, if missing, =anesthesia start to end)
88	dnr_lobe_wt_io_rc	Num	8	Donor intraop: What was the weight of the resected lobe of the donor liver after resection?
89	dnr_res_vol_io_rc	Num	8	Donor intraop: What was the percentage of residual volume in the remnant liver?
90	dnr_bx_io_rc	Num	8	Donor intraop: Was a pre-operative or intraoperative biopsy of the donor liver performed?
91	dnr_microfat_io_rc	Num	8	Donor intraop: Percentage of microvesicular fat:
92	dnr_macrofat_io_rc	Num	8	Donor intraop: Percentage of macrovesicular fat:
93	dnr_bx_othspec_io_rc	Char	130	Donor intraop: Other findings (specify)
94	dnr_hepvein_num_io_rc	Num	8	Donor intraop: Total number of hepatic veins from the right lobe >5mm preserved for anastomosis:
95	dnr_vein1_site_io_rc	Num	8	Donor intraop: Site of the first hepatic vein preserved for anastomosis:
96	dnr_vein2_site_io_rc	Num	8	Donor intraop: Site of the second hepatic vein preserved for anastomosis:
97	dnr_vein3_site_io_rc	Num	8	Donor intraop: Site of the third hepatic vein preserved for anastomosis:
98	dnr_vein4_site_io_rc	Num	8	Donor intraop: Site of the fourth hepatic vein preserved for anastomosis:
99	dnr_vein5_site_io_rc	Num	8	Donor intraop: Site of the fifth hepatic vein preserved for anastomosis:
100	dnr_pv_rl_io_rc	Num	8	Donor intraop: How many portal vein(s) to right lobe?
101	dnr_hv_rl_io_rc	Num	8	Donor intraop: How many hepatic arteries to right lobe?
102	dnr_bd_rl_io_rc	Num	8	Donor intraop: How many bile ducts from right lobe?
103	dnr_chol_io_rc	Num	8	Donor intraop: What were the results of the post-resection cholangiogram?
104	dnr_rbc_io_rc	Num	8	Donor intraop: Number of units of transfused packed RBCs during donation surgery:
105	dnr_hypo_io_rc	Num	8	Donor intraop: Did the subject experience episode(s) of hypotension (systolic BP < 100 mmHg) during the surgery?
106	dnr_hypo_length_io_rc	Num	8	Donor intraop: Total duration of the hypotensive episode(s). If more than one episode occurred, add them together.
107	dnr_inj_io_rc	Num	8	Donor intraop: Did an intraoperative injury occur?

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
108	dnr_inj_bd_io_rc	Num	8	Donor intraop: Operative injury: bile duct
109	dnr_inj_ha_io_rc	Num	8	Donor intraop: Operative injury: hepatic artery
110	dnr_inj_pv_io_rc	Num	8	Donor intraop: Operative injury: portal vein
111	dnr_inj_oth_io_rc	Num	8	Donor intraop: Operative injury: other
112	dnr_inj_oth_spec_io_rc	Char	30	Donor intraop: Operative injury: specify other
113	dnr_comp_io_rc	Num	8	Donor intraop: Did other complications occur during the surgery?
114	dnr_comp_spec_io_rc	Char	80	Donor intraop: What other complication(s) occurred?
115	dnr_oth_surg_io_rc	Num	8	Donor intraop: Were there other surgical procedures performed at the time of donor surgery?

**Data Set Name: dnr\_postdnt\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	dnr_timept_postdnt	Char	7	Donor post-donation assessment: Time Point
2	dnr_ID	Char	6	Subject ID
3	dnr_nowt_postdnt_x	Num	8	Donor post-donation assessment: B:1 [Donor weight at this assessment] : Not Done < I=Not Done >
4	dnr_painsurvey_x	Num	8	C:1 [ Donor Pain Survey] : Donor pain survey completed?
5	dnr_paincomplete_dt_x	Num	8	C: [ Donor Pain Survey] : If yes, Date Completed:
6	dnr_paintransmit_dt_x	Num	8	C: [ Donor Pain Survey] : If yes, Date Transmitted to DCC:
7	dnr_nopainreason_x	Num	8	C: [ Donor Pain Survey] : If no, why?
8	dnr_spleenvol_postdnt_x	Num	8	Donor post-donation assessment: C:2 [ DNR Imaging] : Spleen Volume (CT or MR): cc
9	dnr_death_dt_r	Num	8	Donor survival: If dead, date of death
10	dnr_died_r	Num	8	Donor survival: If died
11	dnr_lastfu_dt_r	Num	8	Donor survival: date of last follow-up (=date of death if died, else=last FU)
12	dnr_death_dt_postdnt_c	Num	8	Donor post-donation assessment: What was the patient's date of death?
13	dnr_lastcon_postdnt_c	Num	8	Donor post-donation assessment: Date of last contact:
14	dnr_ptt_postdnt_c	Num	8	Donor post-donation assessment: Record the PT/PTT value at this assessment:
15	dnr_fer_postdnt_c	Num	8	Donor post-donation assessment: Record the ferritin level at this assessment
16	dnr_hospnum_postdnt_c	Num	8	Donor post-donation assessment: How many times has the patient been hospitalized since the last assessment?
17	dnr_compnum_postdnt_c	Num	8	Donor post-donation assessment: How many complications has the patient had since the last assessment?
18	dnr_saenum_postdnt_c	Num	8	Donor post-donation assessment: How many adverse events has the patient had since the last assessment?
19	dnr_insoth_postdnt_c	Char	198	Donor post-donation assessment: Specify "other" primary payment source:
20	dnr_othdrug_name_postdnt_c	Char	39	Donor post-donation assessment: Other (specify)
21	dnr_whatstudy_postdnt_c	Char	198	Donor post-donation assessment: If "yes", what is the name of the study?
22	dnr_mv_postdnt_c	Num	8	Donor post-donation assessment: Visit Missed
23	dnr_nodrug_postdnt_c	Num	8	Donor post-donation assessment: Patient reports no pain drug use during this interval.
24	dnr_nofer_postdnt_c	Num	8	Donor post-donation assessment: Not Done
25	dnr_noptt_postdnt_c	Num	8	Donor post-donation assessment: Not Done
26	dnr_vico_postdnt_c	Num	8	Donor post-donation assessment: Vicodin - Use
27	dnr_tylnl_postdnt_c	Num	8	Donor post-donation assessment: Plain Tylenol - Use
28	dnr_t3_postdnt_c	Num	8	Donor post-donation assessment: Tylenol w/ Codeine - Use
29	dnr_oxy_postdnt_c	Num	8	Donor post-donation assessment: Oxycontin - Use
30	dnr_perco_postdnt_c	Num	8	Donor post-donation assessment: Percocet - Use
31	dnr_perdan_postdnt_c	Num	8	Donor post-donation assessment: Percodan - Use
32	dnr_othdrug_use_postdnt_c	Num	8	Donor post-donation assessment: Use
33	dnr_meth_postdnt_c	Num	8	Donor post-donation assessment: Methadone - Use

Num	Variable	Type	Len	Label
34	dnr_motrin_postdnt_c	Num	8	Donor post-donation assessment: NSAID (Motrin, Aleve, ibuprofen etc) - Use
35	dnr_mscont_postdnt_c	Num	8	Donor post-donation assessment: MS Contin - Use
36	dnr_dil_postdnt_c	Num	8	Donor post-donation assessment: Dilaudid - Use
37	dnr_darv_postdnt_c	Num	8	Donor post-donation assessment: Darvocet - Use
38	dnr_asa_postdnt_c	Num	8	Donor post-donation assessment: Aspirin - Use
39	dnr_livfxn_postdnt_c	Num	8	Donor post-donation assessment: Was the liver functioning at the time of death?
40	dnr_codprim_postdnt_c	Num	8	Donor post-donation assessment: Select the primary cause of death from the list
41	dnr_codprim_r	Num	8	Primary cause of death (Retro)
42	dnr_employ_postdnt_c	Num	8	Donor post-donation assessment: Donor employment status at this assessment:
43	dnr_stat_postdnt_r	Num	8	What is the donor's current status? (Retro)
44	dnr_fxn_postdnt_c	Num	8	Donor post-donation assessment: Donor functional status at this assessment
45	dnr_ins_postdnt_c	Num	8	Donor post-donation assessment: Primary payment source (may reflect recipients coverage):
46	dnr_othstudy_postdnt_c	Num	8	Donor post-donation assessment: Is the patient a subject in another research study?
47	dnr_doa_postdnt_cx	Num	8	Donor post-donation assessment: Date of this assessment:
48	dnr_stat_postdnt_cx	Num	8	Donor post-donation assessment: What is the donors current status?
49	dnr_lvol_postdnt_cx	Num	8	Donor post-donation assessment: Record the liver volume at 3 months post-donation
50	dnr_hosp_postdnt_cx	Num	8	Donor post-donation assessment: Has the patient been hospitalized since the last assessment?
51	dnr_comp_postdnt_cx	Num	8	Donor post-donation assessment: Has the patient experienced a complication since the last assessment?
52	dnr_sae_postdnt_cx	Num	8	Donor post-donation assessment: Has the patient experienced an SAE since the last assessment?
53	dnr_cond_postdnt_cx	Num	8	Donor post-donation assessment: Donor medical condition at this assessment
54	dnr_vent_postdnt_cx	Num	8	Donor post-donation assessment: Donor on ventilator at this assessment?
55	dnr_wt_kg_postdnt_cx	Num	8	Donor post-donation assessment: Donor weight at this assessment:
56	dnr_alt_postdnt_cx	Num	8	Donor post-donation assessment: Record the serum alanine aminotransferase (ALT) value at this assessment:
57	dnr_ast_postdnt_cx	Num	8	Donor post-donation assessment: Record the serum aspartate transaminase (AST) value at this assessment:
58	dnr_alk_postdnt_cx	Num	8	Donor post-donation assessment: Record the serum alkaline phosphatase (ALK) value at this assessment:
59	dnr_bili_postdnt_cx	Num	8	Donor post-donation assessment: Record the total serum bilirubin value at this assessment:
60	dnr_bun_postdnt_cx	Num	8	Donor post-donation assessment: Blood Urea Nitrogen (BUN) value at this assessment:
61	dnr_creat_postdnt_cx	Num	8	Donor post-donation assessment: Record the serum creatinine value at this assessment:
62	dnr_alb_postdnt_cx	Num	8	Donor post-donation assessment: Record the total serum albumin value at this assessment:
63	dnr_inr_postdnt_cx	Num	8	Donor post-donation assessment: Record the INR value at this assessment:
64	dnr_wbc_postdnt_cx	Num	8	Donor post-donation assessment: White Blood Count value at this assessment:
65	dnr_hgb_postdnt_cx	Num	8	Donor post-donation assessment: Record the hemoglobin (Hgb) value at this assessment:



Num	Variable	Type	Len	Label
66	dnr_plate_postdnt_cx	Num	8	Donor post-donation assessment: Record the platelet count at this assessment:
67	dnr_noalt_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
68	dnr_noast_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
69	dnr_noalk_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
70	dnr_nobili_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
71	dnr_nobun_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
72	dnr_nocreat_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
73	dnr_noalb_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
74	dnr_noinr_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
75	dnr_nowbc_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
76	dnr_nohgb_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
77	dnr_noplate_postdnt_cx	Num	8	Donor post-donation assessment: Not Done
78	dnr_resp_id_r	Num	8	Donor resp ID in Retro
79	dnr_a2all_id_r	Char	5	Donor ID in Retro
80	dnr_a2all_id_c	Char	6	Donor ID in Cohort
81	dnr_a2all_id_x	Char	6	Donor ID in Core
82	dnr_site_id_rcx	Num	8	Donor site ID in Retro/Cohort/Core
83	dnr_donate_dt_rcx	Num	8	Donor intraop: date of donation (procedure not aborted)
84	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only =Core ID if in Core only

**Data Set Name: *dnr\_postdnt\_rc.sas7bdat***

Num	Variable	Type	Len	Label
1	dnr_death_dt_r	Num	8	Donor survival: If dead, date of death
2	dnr_resp_id_r	Num	8	Donor resp ID in Retro
3	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
4	dnr_died_r	Num	8	Donor survival: If died
5	dnr_lastfu_dt_r	Num	8	Donor survival: date of last follow-up (=date of death if died, else=last FU)
6	dnr_timept_postdnt	Char	6	Donor post-donation assessment: Time Point
7	dnr_wt_kg_postdnt_c	Num	8	Donor post-donation assessment: Donor weight at this assessment (kg):
8	dnr_doa_postdnt_c	Num	8	Donor post-donation assessment: Date of this assessment:
9	dnr_death_dt_postdnt_c	Num	8	Donor post-donation assessment: What was the patient's date of death?
10	dnr_lastcon_postdnt_c	Num	8	Donor post-donation assessment: Date of last contact:
11	dnr_alt_postdnt_c	Num	8	Donor post-donation assessment: Record the serum alanine aminotransferase (ALT) value at this assessment:
12	dnr_ast_postdnt_c	Num	8	Donor post-donation assessment: Record the serum aspartate transaminase (AST) value at this assessment:
13	dnr_alk_postdnt_c	Num	8	Donor post-donation assessment: Record the serum alkaline phosphatase (ALK) value at this assessment:
14	dnr_bili_postdnt_c	Num	8	Donor post-donation assessment: Record the total serum bilirubin value at this assessment:
15	dnr_bun_postdnt_c	Num	8	Donor post-donation assessment: Blood Urea Nitrogen (BUN) value at this assessment:
16	dnr_creat_postdnt_c	Num	8	Donor post-donation assessment: Record the serum creatinine value at this assessment:
17	dnr_alb_postdnt_c	Num	8	Donor post-donation assessment: Record the total serum albumin value at this assessment:
18	dnr_inr_postdnt_c	Num	8	Donor post-donation assessment: Record the INR value at this assessment:
19	dnr_ptt_postdnt_c	Num	8	Donor post-donation assessment: Record the PT/PTT value at this assessment:
20	dnr_wbc_postdnt_c	Num	8	Donor post-donation assessment: White Blood Count value at this assessment:
21	dnr_fer_postdnt_c	Num	8	Donor post-donation assessment: Record the ferritin level at this assessment
22	dnr_plate_postdnt_c	Num	8	Donor post-donation assessment: Record the platelet count at this assessment:
23	dnr_lvol_postdnt_c	Num	8	Donor post-donation assessment: Record the liver volume at 3 months post-donation
24	dnr_hospnum_postdnt_c	Num	8	Donor post-donation assessment: How many times has the patient been hospitalized since the last assessment?
25	dnr_compnum_postdnt_c	Num	8	Donor post-donation assessment: How many complications has the patient had since the last assessment?
26	dnr_saenum_postdnt_c	Num	8	Donor post-donation assessment: How many adverse events has the patient had since the last assessment?
27	dnr_insoth_postdnt_c	Char	198	Donor post-donation assessment: Specify "other" primary payment source:
28	dnr_othdrug_name_postdnt_c	Char	39	Donor post-donation assessment: Other (specify)
29	dnr_whatstudy_postdnt_c	Char	198	Donor post-donation assessment: If "yes", what is the name of the study?
30	dnr_a2all_id_r	Char	5	Donor ID in Retro
31	dnr_a2all_id_c	Char	6	Donor ID in Cohort

Num	Variable	Type	Len	Label
32	dnr_site_id_rc	Num	8	Donor site ID in Retro or Cohort
33	dnr_ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro ID if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
34	dnr_donate_dt_rc	Num	8	Donor intraop: date of donation in Cohort (procedure not aborted)
35	dnr_hosp_postdnt_c	Num	8	Donor post-donation assessment: Has the patient been hospitalized since the last assessment?
36	dnr_mv_postdnt_c	Num	8	Donor post-donation assessment: Visit Missed
37	dnr_noalb_postdnt_c	Num	8	Donor post-donation assessment: Not Done
38	dnr_noalk_postdnt_c	Num	8	Donor post-donation assessment: Not Done
39	dnr_noalt_postdnt_c	Num	8	Donor post-donation assessment: Not Done
40	dnr_noast_postdnt_c	Num	8	Donor post-donation assessment: Not Done
41	dnr_nobili_postdnt_c	Num	8	Donor post-donation assessment: Not Done
42	dnr_nobun_postdnt_c	Num	8	Donor post-donation assessment: Not Done
43	dnr_nodrug_postdnt_c	Num	8	Donor post-donation assessment: Patient reports no pain drug use during this interval.
44	dnr_nofer_postdnt_c	Num	8	Donor post-donation assessment: Not Done
45	dnr_nohgb_postdnt_c	Num	8	Donor post-donation assessment: Not Done
46	dnr_noinr_postdnt_c	Num	8	Donor post-donation assessment: Not Done
47	dnr_noplate_postdnt_c	Num	8	Donor post-donation assessment: Not Done
48	dnr_noptt_postdnt_c	Num	8	Donor post-donation assessment: Not Done
49	dnr_nocreat_postdnt_c	Num	8	Donor post-donation assessment: Not Done
50	dnr_nowbc_postdnt_c	Num	8	Donor post-donation assessment: Not Done
51	dnr_sae_postdnt_c	Num	8	Donor post-donation assessment: Has the patient experienced an SAE since the last assessment?
52	dnr_vico_postdnt_c	Num	8	Donor post-donation assessment: Vicodin - Use
53	dnr_tylnl_postdnt_c	Num	8	Donor post-donation assessment: Plain Tylenol - Use
54	dnr_t3_postdnt_c	Num	8	Donor post-donation assessment: Tylenol w/ Codeine - Use
55	dnr_oxy_postdnt_c	Num	8	Donor post-donation assessment: Oxycontin - Use
56	dnr_perco_postdnt_c	Num	8	Donor post-donation assessment: Percocet - Use
57	dnr_perdan_postdnt_c	Num	8	Donor post-donation assessment: Percodan - Use
58	dnr_othdrug_use_postdnt_c	Num	8	Donor post-donation assessment: Use
59	dnr_meth_postdnt_c	Num	8	Donor post-donation assessment: Methadone - Use
60	dnr_motrin_postdnt_c	Num	8	Donor post-donation assessment: NSAID (Motrin, Aleve, ibuprofen etc) - Use
61	dnr_mscont_postdnt_c	Num	8	Donor post-donation assessment: MS Contin - Use
62	dnr_dil_postdnt_c	Num	8	Donor post-donation assessment: Dilaudid - Use
63	dnr_darv_postdnt_c	Num	8	Donor post-donation assessment: Darvocet - Use
64	dnr_asa_postdnt_c	Num	8	Donor post-donation assessment: Aspirin - Use
65	dnr_comp_postdnt_c	Num	8	Donor post-donation assessment: Has the patient experienced a complication since the last assessment?
66	dnr_vent_postdnt_c	Num	8	Donor post-donation assessment: Donor on ventilator at this assessment?

Num	Variable	Type	Len	Label
67	dnr_livfxn_postdnt_c	Num	8	Donor post-donation assessment: Was the liver functioning at the time of death?
68	dnr_codprim_postdnt_c	Num	8	Donor post-donation assessment: Select the primary cause of death from the list
69	dnr_codprim_r	Num	8	Primary cause of death (Retro)
70	dnr_employ_postdnt_c	Num	8	Donor post-donation assessment: Donor employment status at this assessment:
71	dnr_stat_postdnt_r	Num	8	What is the donor's current status? (Retro)
72	dnr_cond_postdnt_c	Num	8	Donor post-donation assessment: Donor medical condition at this assessment
73	dnr_fxn_postdnt_c	Num	8	Donor post-donation assessment: Donor functional status at this assessment
74	dnr_ins_postdnt_c	Num	8	Donor post-donation assessment: Primary payment source (may reflect recipients coverage):
75	dnr_stat_postdnt_c	Num	8	Donor post-donation assessment: What is the donors current status?
76	dnr_othstudy_postdnt_c	Num	8	Donor post-donation assessment: Is the patient a subject in another research study?
77	dnr_hgb_postdnt_c	Num	8	Donor post-donation assessment: Record the hemoglobin (Hgb) value at this assessment:

**Data Set Name: donor\_pain\_survey.sas7bdat**

Num	Variable	Type	Len	Label
1	subject_id	Char	5	Subject ID
2	PTN_Txp_DT	Num	8	Date of Transplant / Donation
3	S1_Survey_not_completed_reason	Num	8	S1: If the donor pain survey was not completed, why not?
4	Site	Num	8	Site
5	S2_Type_incision_right_subcostal	Num	8	S2: Incision type used for donor surgery (check all that apply) - Right subcostal
6	S2_Type_incision_left_subcostal	Num	8	S2: Incision type used for donor surgery (check all that apply) - Left subcostal
7	S2_Type_incision_upper_midline	Num	8	S2: Incision type used for donor surgery (check all that apply) - Upper midline
8	S2_Type_incision_lower_midline	Num	8	S2: Incision type used for donor surgery (check all that apply) - Lower midline
9	S2_Type_incision_Pfannensteil	Num	8	S2: Incision type used for donor surgery (check all that apply) - Pfannensteil
10	S2_Type_incision_Other	Num	8	S2: Incision type used for donor surgery (check all that apply) - Other
11	S2_Type_incision_Other_specify	Char	22	S2: Incision type used for donor surgery (check all that apply) - Other, specify
12	S3_Num_Laparoscopic_Ports	Num	8	S3: Number of laparoscopic ports
13	Date_of_First_Attempt	Num	8	Date of first attempt
14	Time_of_First_Attempt	Num	8	Time of first attempt
15	Sedation_Score_at_First_Attempt	Num	8	Sedation score at first attempt
16	Type_Pain_Manage_Epidura	Num	8	Type of pain management: epidural
17	Type_Pain_Manage_Intrathecal	Num	8	Type of pain management: intrathecal
18	Type_Pain_Manage_IVPCA	Num	8	Type of pain management: IVPCA
19	Type_Pain_Manage_LocalInfiltr	Num	8	Type of pain management: local infiltration
20	Type_Pain_Manage_Oth	Num	8	Type of pain management: other
21	Type_Pain_Manage_Oth_Spec	Char	179	Type of pain management: other, specify:
22	Date_of_Second_Attempt	Num	8	Date of second attempt
23	Time_of_Second_Attempt	Num	8	Time of second attempt
24	Sedation_Score_at_Second_Attempt	Num	8	Sedation score at second attempt
25	P1_Least_Pain_First24hr	Num	8	P1: Please indicate the least pain you had in the first 24 hours (0: No pain, 10: Worst possible pain)
26	P1a_Least_Pain_Last24hr	Num	8	P1a: Please indicate the least pain you had in the last 24 hours (0: No pain, 10: Worst possible pain)
27	P2_Worst_Pain_Last24hr	Num	8	P2: Please indicate the worst pain you had in the last 24 hours (0: No pain, 10: Worst possible pain)
28	P3_Severe_Pain_Last24hr	Num	8	P3: What % of time in the last 24 hours were you in severe pain? (0%: Never in severe pain, 100%: Always in severe pain)
29	P4a_Pain_Interfere_ActInBed	Num	8	P4a: Describe how much pain interfered or prevented you from: doing activities in bed such as turning, sitting up, repositioning: (0: Does not interfere, 10: Completely interferes)
30	P4b_Pain_Interfere_ActOutBed	Num	8	P4b: Describe how much pain interfered or prevented you from: doing activities out of bed such as walking, sitting in a chair, standing at the sink: (0: Does not interfere, 10: Completely interferes)
31	P4c_Pain_Interfere_FallSleep	Num	8	P4c: Describe how much pain interfered or prevented you from: falling asleep: (0: Does not interfere, 10: Completely interferes)

Num	Variable	Type	Len	Label
32	P4d_Pain_Interfere_StaySleep	Num	8	P4d: Describe how much pain interfered or prevented you from: staying asleep: (0: Does not interfere, 10: Completely interferes)
33	P5a_Pain_Mood_Anxious	Num	8	P5a: Pain can affect mood and emotions. Describe how much the pain has caused you to feel: anxious (0: Not at all, 10: Extremely)
34	P5b_Pain_Mood_Depressed	Num	8	P5b: Pain can affect mood and emotions. Describe how much pain has caused you to feel: depressed (0: Not at all, 10: Extremely)
35	P5c_Pain_Mood_Fright	Num	8	P5c: Pain can affect mood and emotions. Describe how much pain has caused you to feel: frightened (0: Not at all, 10: Extremely)
36	P5d_Pain_Mood_Helpless	Num	8	P5d: Pain can affect mood and emotions. Describe how much pain has caused you to feel: helpless (0: Not at all, 10: Extremely)
37	P6a_SideEffect_Nausea	Num	8	P6a: Side effects: choose '0' if no; if yes, describe the severity of each: nausea (0: None, 10: Severe)
38	P6b_SideEffect_Drowsiness	Num	8	P6b: Side effects: choose '0' if no; if yes, describe the severity of each: drowsiness (0: None, 10: Severe)
39	P6c_SideEffect_Itching	Num	8	P6c: Side effects: choose '0' if no; if yes, describe the severity of each: itching (0: None, 10: Severe)
40	P6d_SideEffect_Dizziness	Num	8	P6d: Side effects: choose '0' if no; if yes, describe the severity of each: dizziness (0: None, 10: Severe)
41	P7_Pain_Relief	Num	8	P7: In the last 24 hours, how complete has your pain relief been? What % of relief have you received from all pain treatments combined (medicine and non-medicine treatments)? (0%: No relief, 100%: Complete relief)
42	P8_Participate_in_Decision	Num	8	P8: Were you allowed to participate in decisions about your pain treatment as much as you wanted to? (0: Not at all, 10: Very much so)
43	P9_Satisfied	Num	8	P9: How satisfied are you with the results of your pain treatment while in the hospital? (0: Extremely Dissatisfied, 10: Extremely Satisfied)
44	P10_Receive_Information_YesNo	Num	8	P10: Did you receive any information about your pain treatment options?
45	P10a_Receive_Information_Helpful	Num	8	P10a: If you received information about your pain treatment options, how helpful was the information? (0: Not at all helpful, 10: Extremely helpful)
46	P11_NonMedicine_Relief_YesNo	Num	8	P11: Did you use any non-medicine methods to relieve your pain?
47	P11_NonMedicine_Relief_ColdPack	Num	8	P11: Non-medicine method used to relieve pain: cold pack
48	P11_NonMedicine_Relief_Breathe	Num	8	P11: Non-medicine method used to relieve pain: deep breathing
49	P11_NonMedicine_Relief_Distract	Num	8	P11: Non-medicine method used to relieve pain: distraction (such as watching TV, reading)
50	P11_NonMedicine_Relief_Heat	Num	8	P11: Non-medicine method used to relieve pain: heat
51	P11_NonMedicine_Relief_Visualize	Num	8	P11: Non-medicine method used to relieve pain: imagery or visualization
52	P11_NonMedicine_Relief_Massage	Num	8	P11: Non-medicine method used to relieve pain: massage
53	P11_NonMedicine_Relief_Meditate	Num	8	P11: Non-medicine method used to relieve pain: meditation
54	P11_NonMedicine_Relief_Music	Num	8	P11: Non-medicine method used to relieve pain: listen to music
55	P11_NonMedicine_Relief_Prayer	Num	8	P11: Non-medicine method used to relieve pain: prayer
56	P11_NonMedicine_Relief_Relax	Num	8	P11: Non-medicine method used to relieve pain: relaxation
57	P11_NonMedicine_Relief_Walk	Num	8	P11: Non-medicine method used to relieve pain: walking
58	P11_NonMedicine_Relief_Oth	Num	8	P11: Non-medicine method used to relieve pain: other
59	P11_NonMedicine_Relief_Oth_Spec	Char	31	P11: Non-medicine method used to relieve pain: other, specify:

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
60	P12_Encourage_NonMedicine	Char	9	P12: How often did a nurse or doctor encourage you to use non-medication methods?
61	Sedation_Score_at_Administration	Num	8	

**Data Set Name: ltqol\_surveys.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	15	Subject ID
2	Study	Num	8	Study Number
3	Time	Num	8	Study Time
4	CompleteDate	Num	8	Survey Complete Date
5	Recovery2a	Char	3000	Activities listed
6	MedProbList	Char	3000	Medical problems listed
7	MedsList	Char	3000	Medications listed
8	Occ	Char	3000	Occupation
9	Finan1a	Char	3000	Describe other job changes
10	FinanOtherList	Char	3000	Other costs, describe
11	Insurance	Char	3000	Types of insurance
12	Comments	Char	3000	Comments
13	RaceDescribe	Char	3000	Other race: describe
14	Relation	Char	150	Relationship to recipient
15	Stress	Num	8	Physical stressfulness of donation
16	BetPer1	Num	8	Felt worthwhile
17	BetPer2	Num	8	Felt proud
18	BetPer3	Num	8	Felt brave
19	BetPer4	Num	8	Felt heroic
20	BetPer5	Num	8	How highly think of self
21	Preocc1	Num	8	How often think about donation
22	Satis1	Num	8	Feel better about self
23	Satis2	Num	8	Family expressed gratitude
24	Satis3	Num	8	Family holds me in higher esteem
25	Satis4	Num	8	Since the donation, I feel I have helped my recipient in a significant way.
26	Satis5	Num	8	Life is more worthwhile
27	Satis6	Num	8	Family relationships more difficult
28	Satis7	Num	8	Life has special meaning
29	PhysStress2	Num	8	Feel back to normal
30	Recovery2	Num	8	Activities you can? do as well
31	Worry1	Num	8	Worry about physical effects of donation
32	Worry2	Num	8	Worry about health
33	MedProbs	Num	8	New medical problems related to donation
34	Meds	Num	8	Current medications
35	SFGH01	Num	8	General health
36	SFHT	Num	8	Health compared to 1 year ago



Num	Variable	Type	Len	Label
37	SFPP01	Num	8	Limitations: vigorous activities
38	SFPP02	Num	8	Limitations: moderate activities
39	SFPP03	Num	8	Limitations: lifting/carrying groceries
40	SFPP04	Num	8	Limitations: several flights of stairs
41	SFPP05	Num	8	Limitations: one flight of stairs
42	SFPP06	Num	8	Limitations: bending, kneeling
43	SFPP07	Num	8	Limitations: walking > a mile
44	SFPP08	Num	8	Limitations: walking several hundred yards
45	SFPP09	Num	8	Limitations: walking 100 yards
46	SFPP10	Num	8	Limitations: bathing or dressing
47	SFRP01	Num	8	Cut down on work due to physical health
48	SFRP02	Num	8	Accomplished less due to physical health
49	SFRP03	Num	8	Limited kind of work due to physical health
50	SFRP04	Num	8	Difficulty with work due to physical health
51	SFRE01	Num	8	Cut down on work due to emotional problems
52	SFRE02	Num	8	Accomplished less due to emotional problems
53	SFRE03	Num	8	Work less careful due to emotional problems
54	SFSF01	Num	8	Extent health/emotional problems interfered with social activities
55	SFBP01	Num	8	How much bodily pain
56	SFBP02	Num	8	Pain interfered with work
57	SFVT01	Num	8	Feel full of life
58	SFMH01	Num	8	Feel nervous
59	SFMH02	Num	8	Feel down in the dumps
60	SFMH03	Num	8	Feel calm and peaceful
61	SFVT02	Num	8	Have energy
62	SFMH04	Num	8	Felt downhearted and depressed
63	SFVT03	Num	8	Feel worn out
64	SFMH05	Num	8	Been happy
65	SFVT04	Num	8	Feel tired
66	SFSF02	Num	8	Time health/emotional problems interfered with social activities
67	SFGH02	Num	8	Get sick easier than others
68	SFGH03	Num	8	Healthy as anybody
69	SFGH04	Num	8	Health will get worse
70	SFGH05	Num	8	Health is excellent
71	PhysSx1	Num	8	Light headedness
72	PhysSx2	Num	8	Weakness
73	PhysSx3	Num	8	Tiredness
74	PhysSx4	Num	8	Bleeding at surgical site
75	PhysSx5	Num	8	Pain at surgical site

Num	Variable	Type	Len	Label
76	PhysSx6	Num	8	Itching at surgical site
77	PhysSx7	Num	8	Tension at surgical site
78	PhysSx8	Num	8	Numbness at surgical site
79	PhysSx9	Num	8	Abdominal pain
80	PhysSx10	Num	8	Low back pain
81	PhysSx11	Num	8	Abdominal bloating or swelling
82	PhysSx12	Num	8	Decreased stomach tone
83	PhysSx13	Num	8	Puffiness in hands or feet
84	PhysSx14	Num	8	Leg swelling
85	PhysSx15	Num	8	Difficulty walking
86	PhysSx16	Num	8	Problems sleeping
87	PhysSx17	Num	8	Nausea or vomiting
88	PhysSx18	Num	8	Problems eating
89	PhysSx19	Num	8	Infection at surgical site
90	Pain	Num	8	Level of abdominal/back pain
91	PainInterfere1	Num	8	Pain interfered with general activity
92	PainInterfere2	Num	8	Pain interfered with mood
93	PainInterfere3	Num	8	Pain interfered with walking
94	PainInterfere4	Num	8	Pain interfered with work
95	PainInterfere5	Num	8	Pain interfered with relations with others
96	PainInterfere6	Num	8	Pain interfered with sleep
97	PainInterfere7	Num	8	Pain interfered with enjoyment of life
98	Fatigue1	Num	8	Feel fatigued
99	Fatigue2	Num	8	Feel weak
100	Fatigue3	Num	8	Feel listless
101	Fatigue4	Num	8	Feel tired
102	Fatigue5	Num	8	Trouble starting things
103	Fatigue6	Num	8	Trouble finishing things
104	Fatigue7	Num	8	Have energy
105	Fatigue8	Num	8	Able to do usual activities
106	Fatigue9	Num	8	Need daytime sleep
107	Fatigue10	Num	8	Too tired to eat
108	Fatigue11	Num	8	Need help with activities
109	Fatigue12	Num	8	Frustrated by tiredness
110	Fatigue13	Num	8	Limited social activity due to tiredness
111	Preocc2	Num	8	Think about recipient
112	RecipStatus	Num	8	Recipient alive
113	Grief1	Num	8	How long after donation recipient died (in weeks)
114	Grief2	Num	8	Sought counseling

Num	Variable	Type	Len	Label
115	Grief3	Num	8	Feel guilty about death
116	Grief4	Num	8	Feel responsible for death
117	RecipRel1	Num	8	Worried about recipient
118	RecipRel2	Num	8	How often seen recipient
119	RecipRel3	Num	8	Want more contact
120	RecipRel4	Num	8	Interactions are rewarding
121	RecipRel5	Num	8	Interactions are comfortable
122	RecipRel6	Num	8	Interactions are hard
123	RecipRel7	Num	8	Interactions are positive
124	RecipRel8	Num	8	Interactions are tense
125	RecipRel9	Num	8	Interactions are close
126	RecipRel10	Num	8	Interactions are awkward
127	RecipRel11	Num	8	Recipient relationship change
128	RecipRel12	Num	8	Recipient relationship quality
129	RecipRel13	Num	8	Closer to recipient
130	RecipRel14	Num	8	Risky recipient behavior
131	FamilyRel1	Num	8	Family relationships changed
132	Marital	Num	8	Marital status
133	SpouseRel	Num	8	Relationship with spouse changed
134	BetPer6	Num	8	Feel like a bigger person
135	BetPer7	Num	8	Almost a hero
136	BetPer8	Num	8	Donation is high point
137	PTGI1	Num	8	Changed priorities in life
138	PTGI2	Num	8	Greater appreciation of value of my life
139	PTGI3	Num	8	Able to do better things with my life
140	PTGI4	Num	8	Better understanding of spiritual matters
141	PTGI5	Num	8	Greater sense of closeness
142	PTGI6	Num	8	New path for my life
143	PTGI7	Num	8	Can handle difficulties
144	PTGI8	Num	8	Stronger faith
145	PTGI9	Num	8	Stronger than I thought I was
146	PTGI10	Num	8	Learned how wonderful people are
147	LifeSatis	Num	8	Feel about life as a whole
148	PHQ1	Num	8	Little interest or pleasure
149	PHQ2	Num	8	Feeling down or depressed
150	PHQ3	Num	8	Trouble with sleep
151	PHQ4	Num	8	Feeling tired
152	PHQ5	Num	8	Appetite problems
153	PHQ6	Num	8	Feeling bad about yourself

Num	Variable	Type	Len	Label
154	PHQ7	Num	8	Trouble concentrating
155	PHQ8	Num	8	Psychomotor agitation/retardation
156	PHQ9	Num	8	Thoughts of harming self
157	GAD1	Num	8	Feeling nervous or anxious
158	GAD2	Num	8	Feeling restless
159	GAD3	Num	8	Tiring easily
160	GAD4	Num	8	Muscle tension
161	GAD5	Num	8	Trouble with sleep
162	GAD6	Num	8	Trouble concentrating
163	GAD7	Num	8	Easily annoyed or irritable
164	Alc1	Num	8	Ever drink alcohol
165	Alc2	Num	8	Drink despite health problems
166	Alc3	Num	8	Drink during other responsibilities
167	Alc4	Num	8	Missing obligations due to drinking
168	Alc5	Num	8	Problems with others due to alcohol
169	Alc6	Num	8	Drove after drinking
170	Employ	Num	8	Employment status
171	Finan1	Num	8	Change jobs due to donation
172	Finan2	Num	8	Permanent income change in the past year
173	Finan3	Num	8	Lost wages due to donation in the past year
174	Finan4	Num	8	Had child/family care costs due to donation in the past year
175	Finan5	Num	8	Had transportation costs due to donation in the past year
176	Finan6	Num	8	Had housing costs due to donation in the past year
177	Finan7	Num	8	Had food costs due to donation in the past year
178	Finan8	Num	8	Had uncovered medication costs in the past year
179	Finan9	Num	8	Had uncovered medical bills in the past year
180	FinanOther	Num	8	Other costs due to donation in the past year
181	Finan10	Num	8	Costs compared to expectations
182	Finan11	Num	8	Costs were a burden
183	Finan12	Num	8	Problem keeping health insurance
184	Finan13	Num	8	Problem getting health insurance
185	Finan14	Num	8	Problem keeping life insurance
186	Finan15	Num	8	Problem getting life insurance
187	Finan16	Num	8	Have medical insurance
188	Worry3	Num	8	Worry about future health
189	Worry4	Num	8	Never feel physically 100% again
190	Regret	Num	8	Would donate again
191	Worry5	Num	8	Overall feelings about donation
192	BetPer9	Num	8	Feel like better person

Num	Variable	Type	Len	Label
193	BetPer10	Num	8	Describe living donor
194	Household	Num	8	Household size
195	Income	Num	8	Income
196	Educ	Num	8	Education
197	Latino	Num	8	Latino
198	RaceWhite	Num	8	Race - White
199	RaceBlack	Num	8	Race - Black
200	RaceAsian	Num	8	Race - Asian
201	RacePIslander	Num	8	Race - Hawaiian/Pacific Islander
202	RaceNAmer	Num	8	Race - Native American
203	RaceOther	Num	8	Race - Other
204	PhysStress1	Num	8	How long until felt normal
205	Recovery1	Num	8	Recovery slower/faster than expected
206	RE0	Char	255	Activities listed
207	RE1	Char	255	Activities listed
208	RE2	Char	255	Activities listed
209	RE3	Char	255	Activities listed
210	RE4	Char	255	Activities listed
211	RE5	Char	255	Activities listed
212	RE6	Char	36	Activities listed
213	ME7	Char	255	Medical problems listed
214	ME8	Char	255	Medical problems listed
215	ME9	Char	255	Medical problems listed
216	MEA	Char	255	Medical problems listed
217	MEB	Char	255	Medical problems listed
218	MEC	Char	255	Medical problems listed
219	MED	Char	36	Medical problems listed
220	ME0	Char	255	Medications listed
221	ME1	Char	255	Medications listed
222	ME2	Char	255	Medications listed
223	ME3	Char	255	Medications listed
224	ME4	Char	255	Medications listed
225	ME5	Char	255	Medications listed
226	ME6	Char	36	Medications listed
227	Rel	Num	8	variable added based on Relation var: categories of relationship to recip
228	OC0	Char	255	Occupation
229	OC1	Char	255	Occupation
230	OC2	Char	255	Occupation
231	OC3	Char	255	Occupation

Num	Variable	Type	Len	Label
232	OC4	Char	255	Occupation
233	OC5	Char	255	Occupation
234	OC6	Char	36	Occupation
235	FI7	Char	255	Describe other job changes
236	FI8	Char	255	Describe other job changes
237	FI9	Char	255	Describe other job changes
238	FIA	Char	255	Describe other job changes
239	FIB	Char	255	Describe other job changes
240	FIC	Char	255	Describe other job changes
241	FID	Char	36	Describe other job changes
242	FI0	Char	255	Other costs, describe
243	FI1	Char	255	Other costs, describe
244	FI2	Char	255	Other costs, describe
245	FI3	Char	255	Other costs, describe
246	FI4	Char	255	Other costs, describe
247	FI5	Char	255	Other costs, describe
248	FI6	Char	36	Other costs, describe
249	FinanOtherMedical	Num	8	added var based on qualitative reports (FinanOtherList), capturing only items not incl in Finan3 thru 9
250	FinanOtherNonMed	Num	8	added var based on qualitative reports (FinanOtherList), capturing only items not incl in Finan3 thru 9
251	IN0	Char	255	Types of insurance
252	IN1	Char	255	Types of insurance
253	IN2	Char	255	Types of insurance
254	IN3	Char	255	Types of insurance
255	IN4	Char	255	Types of insurance
256	IN5	Char	255	Types of insurance
257	IN6	Char	36	Types of insurance
258	RA0	Char	255	Other race: describe
259	RA1	Char	255	Other race: describe
260	RA2	Char	255	Other race: describe
261	RA3	Char	255	Other race: describe
262	RA4	Char	255	Other race: describe
263	RA5	Char	255	Other race: describe
264	RA6	Char	36	Other race: describe
265	CO0	Char	255	Comments
266	CO1	Char	255	Comments
267	CO2	Char	255	Comments
268	CO3	Char	255	Comments

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
269	CO4	Char	255	Comments
270	CO5	Char	255	Comments
271	CO6	Char	36	Comments

**Data Set Name: outcomes.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient resp id
2	dnr_resp_id_r	Num	8	Donor resp ID in Retro
3	dnr_a2all_id_r	Char	5	Donor ID in Retro
4	dnr_pers_id_r	Num	8	Donor pers ID in Retro
5	dnr_site_id_r	Num	8	Donor site ID in Retro
6	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
7	rcp_retxp_dt_r	Num	8	Recipient graft outcomes: Date of re-transplant
8	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
9	site_id_r	Num	8	Recipient site ID in Retro
10	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
11	rcp_coh_dgn_HCC_exp_only_r	Num	8	HCC at explant: HCC found at explant only
12	rcp_retrolabel_c	Num	8	Recipient study entry: what is this recipient subjects Retro BioDBx Subject Label?
13	a2all_id_c	Char	6	Unique patient ID in Cohort
14	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
15	site_id_c	Num	8	Recipient site ID in Cohort
16	rcp_initiation_c	Num	8	Recipient study entry: Cohort site initiation date
17	rcp_grftfail_dt_c	Num	8	Recipient post-transplant assessment: Date of graft failure
18	rcp_grftfail_c	Num	8	Recipient post-transplant assessment: graft failed
19	dnr_site_id_c	Num	8	Donor site ID in Cohort
20	inr	Num	8	in Retro database
21	inc	Num	8	in Cohort database
22	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
23	ID_LADR_c	Num	8	LADR study subject (exclude screen failure): 1=yes, 0=no
24	ID_GR2HCC_c	Num	8	GR2HCC study subject: 1=yes, 0=no
25	ID_GRITS_c	Num	8	GRITS study subject: 1=yes, 0=no
26	ID_COHORT_c	Num	8	Cohort study subject: 1=yes, 0=no
27	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
28	dnr_a2all_id_c	Char	6	Donor ID in Cohort
29	dnr_bmi_ev_rc	Num	8	Donor BMI at evaluation in Retro or Cohort
30	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date
31	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
32	rcp_ht_m_rc_srs	Num	8	Recipient at dnr eval: height (m), A2ALL supplemented w/SRTR
33	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
34	rcp_bsa_ev_rc	Num	8	Recipient at dnr eval: Body Surface Area (m2)



Num	Variable	Type	Len	Label
35	rcp_bsa_ev_rc_srs	Num	8	Recipient at dnr eval: Body Surface Area (m2), A2ALL supplemented w/SRTR
36	rcp_slv_Urata_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (706.2*BSA+2.4) - Urata
37	rcp_slv_Heineman_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
38	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
39	rcp_bmi_ev_rc_srs	Num	8	Recipient at dnr eval: bmi (kg/m2), A2ALL supplemented w/SRTR
40	rcp_bmi_tx_rc_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
41	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
42	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
43	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
44	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
45	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
46	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
47	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcoholic Cirrhosis
48	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
49	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
50	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
51	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
52	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
53	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
54	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC
55	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases
56	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
57	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
58	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
59	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
60	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
61	rcp_core_dgn_acutefail_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Liver Failure (merges with Core)
62	rcp_core_dgn_nonhccmalig_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
63	rcp_core_dgn_metabolic_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
64	rcp_core_dgn_alccirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcohol-related Cirrhosis (merges with Core)
65	rcp_core_dgn_hcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
66	rcp_core_dgn_hcc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)

Num	Variable	Type	Len	Label
67	rcp_core_dgn_oth_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
68	rcp_core_dgn_cryptocirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cryptogenic Cirrhosis (merges with Core)
69	rcp_core_dgn_pbc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PBC (merges with Core)
70	rcp_core_dgn_psc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PSC (merges with Core)
71	rcp_core_dgn_autoimmhep_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
72	rcp_core_dgn_hbv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
73	rcp_core_dgn_hemochrom_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
74	LDLT_rc	Num	8	Recipient intraop: LDLT
75	LDLT_rc_srs	Num	8	Recipient intraop: LDLT, A2ALL supplemented w/SRTR
76	DDLT_rc	Num	8	Recipient intraop: DDLT
77	DDLT_rc_srs	Num	8	Recipient intraop: DDLT, A2ALL supplemented w/SRTR
78	rcp_surg_dt_rc	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
79	rcp_surg_dt_rc_srs	Num	8	Recipient intraop: date of surgery (incl. aborted procedure), A2ALL supplemented w/SRTR
80	LDLT_dt_rc_srs	Num	8	Recipient intraop: LDLT date, A2ALL supplemented w/SRTR
81	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
82	DDLT_dt_rc_srs	Num	8	Recipient intraop: DDLT date, A2ALL supplemented w/SRTR
83	rcp_txp_dt_rc_srs	Num	8	Recipient intraop: Transplant date (non-aborted procedure), A2ALL supplemented w/SRTR
84	domino_rc	Num	8	Recipient intraop: Domino transplant recipient
85	rcp_died_rc_srs	Num	8	Recipient assessment: died, A2ALL supplemented w/SRTR
86	rcp_death_dt_rc	Num	8	Recipient assessment: date of death
87	rcp_death_dt_rc_srs	Num	8	Recipient assessment: date of death, A2ALL supplemented w/SRTR
88	rcp_retxp_rc	Num	8	Recipient post-transplant assessment: retransplantation?
89	rcp_retxp_dt_rc_srs	Num	8	Recipient post-transplant assessment: date of retransplantation, A2ALL supplemented w/SRTR
90	rcp_lastfu_dt_rc	Num	8	Recipient assessment: date of last follow-up
91	rcp_lastfu_dt_rc_srs	Num	8	Recipient assessment: date of last follow-up, A2ALL supplemented w/SRTR
92	rcp_case_rc	Num	8	Recipient: LDLT case number at center
93	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
94	dnr_age_donate_rc	Num	8	Donor age
95	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
96	dnr_ID	Char	6	Donor ID that links Retro, Cohort, and Core data: =Retro donor id if in Retro only =Cohort donor ID if in Cohort (it may be in Retro or Core) =Core donor ID if in Core only
97	dnr_age_donate_rc_srs	Num	8	Donor age, SRTR supplemented

Num	Variable	Type	Len	Label
98	hcc_hcc_ex_r	Num	8	HCC at explant: Was HCC found on explant pathology?
99	hcc_hcc_ex_c	Num	8	HCC at explant: Was the HCC an incidental finding?
100	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
101	rcp_grftfail_prim_r	Num	8	Recipient graft outcomes: Primary Cause of graft failure
102	rcp_grftfail_sec_r	Num	8	Recipient graft outcomes: Secondary Cause of graft failure
103	rcp_codprim_rc	Num	8	Recipient assessment: primary cause of death
104	rcp_codsec_rc	Num	8	Recipient assessment: secondary cause of death
105	rcp_codtert_rc	Num	8	Recipient assessment: tertiary cause of death
106	site_id_x	Num	8	Recipient site ID in Core
107	rcp_initiation_x	Num	8	Recipient study information: Core activation date
108	rcp_hcveligible_x	Num	8	Recipient study information: Subjects who are eligible for the HCV Study Flow (current and future)
109	rcp_hcvfloweligible_x	Num	8	Subjects who are currently eligible for the HCV Study Flow (doesn't include future )
110	rcp_hcvsubflow_x	Num	8	Subject who have filled out the first 6 screening questions (A1-A6) on the subject flow CRF
111	rcp_hcvstudypopulation_x	Num	8	Subject enrolled in the HCV Study after screening
112	rcp_hcvsubflowcrfcomplete_x	Num	8	Subject who have enrolled in the HCV Study after screening completed the subject flow CRF
113	rcp_hcvstudyonly_x	Num	8	HCV Only Subjects
114	RCP_CODPrim	Num	8	Primary Cause of Death
115	RCP_CODSec	Num	8	Secondary Cause of Death
116	rcp_lifnstatus_x	Num	8	Recipient study information: Was liver functioning at the time of death
117	rcp_consentcurr_x	Num	8	Recipient study information: Subject Consent Status
118	rcp_consentcurr_dt_x	Num	8	Recipient study information: Subject Consent Status Date
119	rcp_consentinit_x	Num	8	Recipient study information: Initial Subject Consent Status
120	rcp_consentinit_dt_x	Num	8	Recipient study information: Initial Subject Consent Status Date
121	RCP_Death_DT	Num	8	Date of Death
122	LastDateKnownAliveAfterReTxp	Num	8	Last Date Known Alive After ReTxp
123	rcp_studycomplete_dt_x	Num	8	Recipient study information: Study Completed Date
124	dnr_a2all_id_x	Char	6	Linked Subject ID
125	rcp_refusalreason_x	Num	8	Recipient study information: Refused Consent Reason
126	rcp_ltfureason_x	Num	8	Recipient study information: Lost to Follow-up Reason
127	rcp_codprim_spec_x	Char	200	Recipient assessment: Primary Cause of Death, specify other
128	rcp_codsec_spec_x	Char	200	Recipient assessment: Secondary Cause of Death, specify other
129	rcp_relationtodnr_x	Num	8	Recipient study information: Relationship to Recipient / Donor
130	rcp_relationtodnr_oth_x	Char	200	Recipient study information: Relationship to Recipient, If Other Specify
131	RCP_ReTxp_DT	Num	8	Date of re-transplant
132	rcp_failprim_throm_ty_x	Num	8	If vascular thrombosis (Primary), specify one of the following
133	rcp_failsec_throm_ty_x	Num	8	If vascular thrombosis (Secondary), specify one of the following

Num	Variable	Type	Len	Label
134	Date_of_Death	Num	8	Date of Death
135	rcp_ht_nd_x	Num	8	Recipient at enrollment: height Not Done < 1=Not Done >
136	rcp_wt_kg_en_x	Num	8	Recipient at enrollment: weight (kg)
137	rcp_wt_nd_en_x	Num	8	Recipient at enrollment: weight Not Done < 1=Not Done >
138	rcp_wt_nd_io_x	Num	8	Recipient at transplant: weight Not Done < 1=Not Done >
139	CoreLastStatusDatePtnSurv	Num	8	maximum of: date last known alive with index graft, death, retransplant, date last known alive after retransplant
140	CoreLastStatusDate	Num	8	max(last known alive with index graft, min(death date, retransplant date))
141	rcp_age_en_x	Num	8	Recipient at enrollment: age
142	rcp_bmi_en_x	Num	8	Recipient at enrollment: bmi
143	rcp_bsa_en_x	Num	8	Recipient at enrollment: Body Surface Area (m2)
144	rcp_slv_Urata_x	Num	8	Recipient at enrollment: Standard Liver Volume (706.2*BSA+2.4) - Urata
145	rcp_slv_Heineman_x	Num	8	Recipient at enrollment: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
146	rcp_gap_x	Num	8	Recipient study information: gap subject who received a transplant between 9/1/2009 and Core site initiation
147	rcp_grftfail_x	Num	8	
148	RCP_HCVTXP_DnrType	Num	8	B:6 [ Donor and Transplant Information] : Donor type
149	RCP_HCVTXP_LdlgrfTYPE	Num	8	B:10 [ Donor and Transplant Information] : if LDLT, what was the graft type?
150	a2all_id_x	Char	6	Unique patient ID in Core
151	rcp_surg_dt_x	Num	8	
152	rcp_abort_io_x	Num	8	
153	ID_core_x	Num	8	Core study subject: 1=yes, 0=no
154	ID_HcvStudyOnly_x	Num	8	Core HCV study subject only: 1=yes, 0=no
155	inx	Num	8	In Core database
156	rcp_core_dgn_acutefail_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
157	rcp_core_dgn_nonhccmalig_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
158	rcp_core_dgn_metabolic_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
159	rcp_core_dgn_alccirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
160	rcp_core_dgn_hcv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
161	rcp_core_dgn_hcc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
162	rcp_core_dgn_oth_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
163	rcp_core_dgn_cryptocirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
164	rcp_core_dgn_pbc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)

Num	Variable	Type	Len	Label
165	rcp_core_dgn_psc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
166	rcp_core_dgn_autoimmhеп_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
167	rcp_core_dgn_hbv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
168	rcp_core_dgn_hemochrom_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
169	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
170	rcp_gender_rcx	Num	8	Recipient at enrollment: gender
171	rcp_dob_rcx	Num	8	Recipient at enrollment: date of birth
172	rcp_abo_rcx	Num	8	Recipient at enrollment: blood type
173	rcp_ethnic_rcx	Num	8	Recipient at enrollment: ethnicity
174	rcp_race_rcx	Num	8	Recipient at enrollment: race
175	rcp_abort_io_rcx	Num	8	Recipient intraop: was the transplant procedure aborted before completion?
176	rcp_leftlobe_rcx	Num	8	Recipient intraop: left lobe recipient
177	rcp_surg_dt_rcx	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
178	LDLT_rcx	Num	8	Recipient intraop: LDLT
179	LDLT_dt_rcx	Num	8	Recipient intraop: LDLT date
180	rcp_age_tx_rcx	Num	8	Recipient at transplant: age
181	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)
182	rcp_unospx_id_rcx	Num	8	Recipient study information: PX ID
183	CoreHCVAssessDate	Num	8	A:1 [ Post-LT Follow Up] : Date of cirrhosis assessment
184	dnr_unoscrypt_don_id_rcx	Num	8	Donor study information: UNOS encrypted donor ID
185	dnr_unosdon_id_rcx	Char	7	Donor study information: UNOS Don ID
186	rcp_LeftLobe	Num	8	
187	rcp_pers_id_rcx	Num	8	Recipients SRTR PERS ID
188	Rcp_Death_dt_rcx	Num	8	Recipient assessment: death date
189	Rcp_Death_dt_rcx_srs	Num	8	Recipient assessment: death date, A2ALL supplemented w/SRTR
190	Rcp_Retxp_dt_c	Num	8	
191	rcp_retxp_dt_x	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant
192	Rcp_Retxp_dt_rcx	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant
193	Rcp_Retxp_dt_rcx_srs	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant, A2ALL supplemented w/SRTR
194	rcp_EndCompleteFu_dt_x	Num	8	
195	rcp_EndCompleteFu_dt_rcx	Num	8	Last date of active follow up in A2ALL
196	rcp_EndPatientFu_dt_x	Num	8	
197	rcp_EndPatientFu_dt_rcx	Num	8	Last date of known patient survival status
198	rcp_EndPatientFu_dt_rcx_srs	Num	8	Last date of known patient survival status, A2ALL supplemented w/SRTR
199	rcp_EndGraftFu_dt_x	Num	8	
200	rcp_EndGraftFu_dt_rcx	Num	8	Last date of known graft survival status

Num	Variable	Type	Len	Label
201	rcp_EndGraftFu_dt_rcx_srs	Num	8	Last date of known graft survival status, A2ALL supplemented w/SRTR
202	rcp_died_rcx	Num	8	Recipient assessment: died
203	rcp_died_rcx_srs	Num	8	Recipient assessment: died, A2ALL supplemented w/SRTR
204	rcp_retxp_rcx	Num	8	Recipient post-transplant assessment: Did recipient receive another transplant?
205	rcp_retxp_rcx_srs	Num	8	Recipient post-transplant assessment: Did recipient receive another transplant?, A2ALL supplemented w/SRTR
206	rcp_grftfail_cx	Num	8	Recipient post-transplant assessment: graft failed
207	rcp_grftfail_prim_cx	Num	8	Recipient post-transplant assessment: Primary Cause of graft failure
208	rcp_grftfail_prim_spec_cx	Char	200	Recipient post-transplant assessment: Primary Cause of graft failure, specify other
209	rcp_grftfail_sec_cx	Num	8	Recipient post-transplant assessment: Secondary Cause of graft failure
210	rcp_grftfail_sec_spec_cx	Char	200	Recipient post-transplant assessment: Secondary Cause of graft failure, specify other
211	rcp_codprim_rcx	Num	8	Recipient assessment: Primary Cause of Death
212	rcp_codsec_rcx	Num	8	Recipient assessment: Secondary Cause of Death
213	rcp_ht_m_rcx	Num	8	Recipient at dnr eval: height (m)
214	rcp_ht_m_rcx_srs	Num	8	Recipient at dnr eval: height (m) A2ALL supplemented w/SRTR
215	rcp_wt_kg_tx_rcx	Num	8	Recipient at transplant: weight (kg)
216	rcp_wt_kg_tx_rcx_srs	Num	8	Recipient at transplant: weight (kg), A2ALL supplemented w/SRTR
217	rcp_bmi_tx_rcx	Num	8	Recipient at transplant: bmi (kg/m2)
218	rcp_bmi_tx_rcx_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
219	rcp_age_tx_rcx_srs	Num	8	Recipient at transplant: age, A2ALL supplemented w/SRTR
220	Core	Num	8	
221	retro	Num	8	
222	caseLE20	Num	8	
223	rcp_meld_tx_rcx	Num	8	Recipient at transplant: MELD at transplant (max 40)
224	rcp_bili_tx_rcx	Num	8	Recipient at transplant: total bilirubin closest to transplant (mg/dl)
225	rcp_inr_tx_rcx	Num	8	Recipient at transplant: INR closest to transplant
226	rcp_creat_tx_rcx	Num	8	Recipient at transplant: creatinine (mg/dl)
227	rcp_ascites_tx_rc	Num	8	Recipient at transplant: ascites
228	rcp_dialy_tx_rcx	Num	8	Recipient at transplant: on dialysis?
229	rcp_vent_tx_rcx	Num	8	Recipient at transplant: on ventilator?
230	rcp_cond_tx_rc	Num	8	Recipient at transplant: medical condition
231	rcp_cit_io_rcx	Num	8	Recipient intraop: Cold Ischemia Time
232	rcp_cit_io_rc_srs	Num	8	Recipient intraop: Cold Ischemia Time (minutes), A2ALL supplemented with SRTR
233	rcp_skintime_io_rc	Num	8	Recipient intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
234	rcp_grftwt_measured_io_rcx	Num	8	Recipient intraop: Measured graft weight in gram
235	rcp_grftwt_predict_io_rcx	Num	8	Recipient intraop: Graft weight in gram (= measured graft weight, if measured graft weight was missing, then = predicted graft weight)

Num	Variable	Type	Len	Label
236	rcp_prbc_io_rc	Num	8	Recipient intraop: How many units of packed red blood cells did the recipient receive during the transplant?
237	rcp_wit_io_x	Num	8	Recipient intraop: Warm Ischemia Time
238	rcp_witsep_io_rc	Num	8	Recipient intraop: If previous answer is separately, Warm Ischemia Time
239	rcp_witsim_io_rc	Num	8	Recipient intraop: If portal & arterial perfusion are performed simultaneously, Warm Ischemia Time
240	rcp_pa_perf_io_rc	Num	8	Recipient intraop: Are portal and arterial reperfusion performed separately or simultaneously?
241	rcp_art_time_dd_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization:
242	rcp_art_time_ld_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization
243	rcp_arttime_io_r	Num	8	Recipient intraop: If previous answer is separately, Time to Arterialization
244	dnr_age_donate_rcx	Num	8	Donor intraop: age at donation
245	dnr_gender_rcx	Num	8	Donor at enrollment: gender (1=male, 2=female)
246	dnr_race_rcx	Num	8	Donor at enrollment: race
247	dnr_bmi_donate_x	Num	8	Donor intraop: bmi (kg/m2)
248	dnr_ethnic_rcx	Num	8	Donor at enrollment: ethnicity
249	dnr_relate_rcx	Num	8	Donor study entry: relationship to recipient
250	dnr_slv_heinemann_rcx	Num	8	Donor intraop: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
251	dnr_ht_m_rcx	Num	8	Donor intraop: height (m)
252	dnr_wt_kg_ev_rc	Num	8	Donor evaluation: weight (kg)
253	dnr_wt_kg_io_x	Num	8	Donor intraop: weight (kg)
254	dnr_sctime_io_rc	Num	8	Donor intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
255	rcp_hosp_dc_rcx	Num	8	Recipient hospitalization: discharge date
256	rcp_hosp_icuday_rcx	Num	8	Recipient hospitalization: number of days in ICU
257	rcp_hosp_admit_rcx	Num	8	Recipient hospitalization: admission date
258	rcp_meld_ev_rc	Num	8	Recipient at dnr eval: MELD
259	cohort_hosp_at_txp	Num	8	
260	cond_at_txp	Num	8	
261	rcp_slv	Num	8	
262	grft_wt	Num	8	
263	core_warm	Num	8	
264	cohort_warm_sep	Num	8	
265	cohort_warm_sim	Num	8	
266	art_time_rc	Num	8	
267	warm_time	Num	8	
268	cold_time	Num	8	
269	warm_time_srs	Num	8	
270	cold_time_srs	Num	8	
271	tot_isch_time	Num	8	

Num	Variable	Type	Len	Label
272	tot_isch_time_srs	Num	8	
273	warm_time_ms	Num	8	
274	cold_time_ms	Num	8	
275	warm_time_srs_ms	Num	8	
276	cold_time_srs_ms	Num	8	
277	dnr_bmi1	Num	8	
278	dnr_bmi	Num	8	
279	type	Num	8	
280	MeldCat	Num	8	
281	MeldCat_ev	Num	8	
282	MELD6to10	Num	8	
283	MELD11to20	Num	8	
284	MELD21to30	Num	8	
285	MELD31to40	Num	8	
286	MELD6to10_ev	Num	8	
287	MELD11to20_ev	Num	8	
288	MELD21to30_ev	Num	8	
289	MELD31to40_ev	Num	8	
290	vent	Num	8	
291	ascites	Num	8	
292	dialysis	Num	8	
293	graftvol_rcpslv	Num	8	
294	graftvol_rcpslv_ltpt4	Num	8	
295	grwr	Num	8	
296	grwr_ltpt8	Num	8	
297	center	Char	1	
298	A	Num	8	
299	B	Num	8	
300	C	Num	8	
301	D	Num	8	
302	E	Num	8	
303	F	Num	8	
304	G	Num	8	
305	H	Num	8	
306	I	Num	8	
307	J	Num	8	
308	K	Num	8	
309	L	Num	8	
310	TXP_LOS	Num	8	



Num	Variable	Type	Len	Label
311	rcp_op_time_hrs	Num	8	
312	dnr_op_time_hrs	Num	8	
313	retxp_dt	Num	8	
314	death_dt	Num	8	
315	LastFU_dt	Num	8	
316	FU_time	Num	8	
317	died	Num	8	
318	event_dt	Num	8	
319	death_time	Num	8	
320	retxp	Num	8	
321	gf	Num	8	
322	gf_date	Num	8	
323	gf_time	Num	8	
324	entry	Num	8	
325	female	Num	8	
326	hispanic	Num	8	
327	white	Num	8	
328	black	Num	8	
329	asian	Num	8	
330	other_race	Num	8	
331	race_cat	Num	8	
332	dnr_female	Num	8	
333	dnr_hispanic	Num	8	
334	dnr_white	Num	8	
335	dnr_black	Num	8	
336	dnr_asian	Num	8	
337	dnr_other_race	Num	8	
338	bio	Num	8	
339	spouse	Num	8	
340	non_bio	Num	8	
341	icu	Num	8	
342	hosp	Num	8	
343	nothosp	Num	8	
344	rcp_grftfail_prim_rcx	Num	8	
345	COD	Num	8	
346	COD_cat	Num	8	
347	COD_cat1	Num	8	
348	gf_cause	Num	8	
349	gf_cause1	Num	8	

Num	Variable	Type	Len	Label
350	gf_vt	Num	8	
351	dgn_acutefail	Num	8	
352	dgn_alccirr	Num	8	
353	dgn_autoimmhеп	Num	8	
354	dgn_cryptocirr	Num	8	
355	dgn_hbv	Num	8	
356	dgn_hcc	Num	8	
357	dgn_hcv	Num	8	
358	dgn_hemochrom	Num	8	
359	dgn_metabolic	Num	8	
360	dgn_nonhccmalig	Num	8	
361	dgn_pbc	Num	8	
362	dgn_psc	Num	8	
363	dgn_oth	Num	8	
364	x	Num	8	
365	year	Num	8	
366	year1999	Num	8	
367	year2000	Num	8	
368	year2001	Num	8	
369	year2002	Num	8	
370	year2003	Num	8	
371	year2004	Num	8	
372	year2005	Num	8	
373	year2006	Num	8	
374	year2007	Num	8	
375	year2008	Num	8	
376	year2009	Num	8	
377	year2010	Num	8	
378	year2011	Num	8	
379	year2012	Num	8	
380	year2013	Num	8	
381	year2014	Num	8	
382	year_comb	Num	8	
383	year_98_03	Num	8	
384	year_04_09	Num	8	
385	year_10_14	Num	8	
386	era	Char	5	
387	era1	Num	8	
388	year_groups	Num	8	

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
389	gf_time1	Num	8	
390	death_time1	Num	8	

**Data Set Name: outcomes\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient resp id
2	dnr_resp_id_r	Num	8	Donor resp ID in Retro
3	dnr_a2all_id_r	Char	5	Donor ID in Retro
4	dnr_pers_id_r	Num	8	Donor pers ID in Retro
5	dnr_site_id_r	Num	8	Donor site ID in Retro
6	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
7	rcp_retxp_dt_r	Num	8	Recipient graft outcomes: Date of re-transplant
8	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
9	site_id_r	Num	8	Recipient site ID in Retro
10	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
11	rcp_coh_dgn_HCC_exp_only_r	Num	8	HCC at explant: HCC found at explant only
12	rcp_retrolabel_c	Num	8	Recipient study entry: what is this recipient subjects Retro BioDBx Subject Label?
13	a2all_id_c	Char	6	Unique patient ID in Cohort
14	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
15	site_id_c	Num	8	Recipient site ID in Cohort
16	rcp_initiation_c	Num	8	Recipient study entry: Cohort site initiation date
17	rcp_grftfail_dt_c	Num	8	Recipient post-transplant assessment: Date of graft failure
18	rcp_grftfail_c	Num	8	Recipient post-transplant assessment: graft failed
19	dnr_site_id_c	Num	8	Donor site ID in Cohort
20	inr	Num	8	in Retro database
21	inc	Num	8	in Cohort database
22	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
23	ID_LADR_c	Num	8	LADR study subject (exclude screen failure): 1=yes, 0=no
24	ID_GR2HCC_c	Num	8	GR2HCC study subject: 1=yes, 0=no
25	ID_GRITS_c	Num	8	GRITS study subject: 1=yes, 0=no
26	ID_COHORT_c	Num	8	Cohort study subject: 1=yes, 0=no
27	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
28	dnr_a2all_id_c	Char	6	Donor ID in Cohort
29	dnr_bmi_ev_rc	Num	8	Donor BMI at evaluation in Retro or Cohort
30	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date
31	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
32	rcp_ht_m_rc_srs	Num	8	Recipient at dnr eval: height (m), A2ALL supplemented w/SRTR
33	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
34	rcp_bsa_ev_rc	Num	8	Recipient at dnr eval: Body Surface Area (m2)

Num	Variable	Type	Len	Label
35	rcp_bsa_ev_rc_srs	Num	8	Recipient at dnr eval: Body Surface Area (m2), A2ALL supplemented w/SRTR
36	rcp_slv_Urata_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (706.2*BSA+2.4) - Urata
37	rcp_slv_Heineman_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
38	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
39	rcp_bmi_ev_rc_srs	Num	8	Recipient at dnr eval: bmi (kg/m2), A2ALL supplemented w/SRTR
40	rcp_bmi_tx_rc_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
41	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
42	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
43	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
44	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
45	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
46	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
47	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcoholic Cirrhosis
48	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
49	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
50	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
51	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
52	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
53	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
54	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC
55	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases
56	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
57	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
58	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
59	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
60	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
61	rcp_core_dgn_acutefail_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Liver Failure (merges with Core)
62	rcp_core_dgn_nonhccmalig_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
63	rcp_core_dgn_metabolic_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
64	rcp_core_dgn_alccirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcohol-related Cirrhosis (merges with Core)
65	rcp_core_dgn_hcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
66	rcp_core_dgn_hcc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)

Num	Variable	Type	Len	Label
67	rcp_core_dgn_oth_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
68	rcp_core_dgn_cryptocirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cryptogenic Cirrhosis (merges with Core)
69	rcp_core_dgn_pbc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PBC (merges with Core)
70	rcp_core_dgn_psc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PSC (merges with Core)
71	rcp_core_dgn_autoimmhep_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
72	rcp_core_dgn_hbv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
73	rcp_core_dgn_hemochrom_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
74	LDLT_rc	Num	8	Recipient intraop: LDLT
75	LDLT_rc_srs	Num	8	Recipient intraop: LDLT, A2ALL supplemented w/SRTR
76	DDLT_rc	Num	8	Recipient intraop: DDLT
77	DDLT_rc_srs	Num	8	Recipient intraop: DDLT, A2ALL supplemented w/SRTR
78	rcp_surg_dt_rc	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
79	rcp_surg_dt_rc_srs	Num	8	Recipient intraop: date of surgery (incl. aborted procedure), A2ALL supplemented w/SRTR
80	LDLT_dt_rc_srs	Num	8	Recipient intraop: LDLT date, A2ALL supplemented w/SRTR
81	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
82	DDLT_dt_rc_srs	Num	8	Recipient intraop: DDLT date, A2ALL supplemented w/SRTR
83	rcp_txp_dt_rc_srs	Num	8	Recipient intraop: Transplant date (non-aborted procedure), A2ALL supplemented w/SRTR
84	domino_rc	Num	8	Recipient intraop: Domino transplant recipient
85	rcp_died_rc_srs	Num	8	Recipient assessment: died, A2ALL supplemented w/SRTR
86	rcp_death_dt_rc	Num	8	Recipient assessment: date of death
87	rcp_death_dt_rc_srs	Num	8	Recipient assessment: date of death, A2ALL supplemented w/SRTR
88	rcp_retxp_rc	Num	8	Recipient post-transplant assessment: retransplantation?
89	rcp_retxp_dt_rc_srs	Num	8	Recipient post-transplant assessment: date of retransplantation, A2ALL supplemented w/SRTR
90	rcp_lastfu_dt_rc	Num	8	Recipient assessment: date of last follow-up
91	rcp_lastfu_dt_rc_srs	Num	8	Recipient assessment: date of last follow-up, A2ALL supplemented w/SRTR
92	rcp_case_rc	Num	8	Recipient: LDLT case number at center
93	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
94	dnr_age_donate_rc	Num	8	Donor age
95	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
96	dnr_ID	Char	6	Donor ID that links Retro, Cohort, and Core data: =Retro donor id if in Retro only =Cohort donor ID if in Cohort (it may be in Retro or Core) =Core donor ID if in Core only
97	dnr_age_donate_rc_srs	Num	8	Donor age, SRTR supplemented

Num	Variable	Type	Len	Label
98	hcc_hcc_ex_r	Num	8	HCC at explant: Was HCC found on explant pathology?
99	hcc_hcc_ex_c	Num	8	HCC at explant: Was the HCC an incidental finding?
100	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
101	rcp_grftfail_prim_r	Num	8	Recipient graft outcomes: Primary Cause of graft failure
102	rcp_grftfail_sec_r	Num	8	Recipient graft outcomes: Secondary Cause of graft failure
103	rcp_codprim_rc	Num	8	Recipient assessment: primary cause of death
104	rcp_codsec_rc	Num	8	Recipient assessment: secondary cause of death
105	rcp_codtert_rc	Num	8	Recipient assessment: tertiary cause of death
106	site_id_x	Num	8	Recipient site ID in Core
107	rcp_initiation_x	Num	8	Recipient study information: Core activation date
108	rcp_hcveligible_x	Num	8	Recipient study information: Subjects who are eligible for the HCV Study Flow (current and future)
109	rcp_hcvfloweligible_x	Num	8	Subjects who are currently eligible for the HCV Study Flow (doesn't include future )
110	rcp_hcvsubflow_x	Num	8	Subject who have filled out the first 6 screening questions (A1-A6) on the subject flow CRF
111	rcp_hcvstudypopulation_x	Num	8	Subject enrolled in the HCV Study after screening
112	rcp_hcvsubflowcrfcomplete_x	Num	8	Subject who have enrolled in the HCV Study after screening completed the subject flow CRF
113	rcp_hcvstudyonly_x	Num	8	HCV Only Subjects
114	RCP_CODPrim	Num	8	Primary Cause of Death
115	RCP_CODSec	Num	8	Secondary Cause of Death
116	rcp_lifnstatus_x	Num	8	Recipient study information: Was liver functioning at the time of death
117	rcp_consentcurr_x	Num	8	Recipient study information: Subject Consent Status
118	rcp_consentcurr_dt_x	Num	8	Recipient study information: Subject Consent Status Date
119	rcp_consentinit_x	Num	8	Recipient study information: Initial Subject Consent Status
120	rcp_consentinit_dt_x	Num	8	Recipient study information: Initial Subject Consent Status Date
121	RCP_Death_DT	Num	8	Date of Death
122	LastDateKnownAliveAfterReTxp	Num	8	Last Date Known Alive After ReTxp
123	rcp_studycomplete_dt_x	Num	8	Recipient study information: Study Completed Date
124	dnr_a2all_id_x	Char	6	Linked Subject ID
125	rcp_refusalreason_x	Num	8	Recipient study information: Refused Consent Reason
126	rcp_ltfureason_x	Num	8	Recipient study information: Lost to Follow-up Reason
127	rcp_codprim_spec_x	Char	200	Recipient assessment: Primary Cause of Death, specify other
128	rcp_codsec_spec_x	Char	200	Recipient assessment: Secondary Cause of Death, specify other
129	rcp_relationtodnr_x	Num	8	Recipient study information: Relationship to Recipient / Donor
130	rcp_relationtodnr_oth_x	Char	200	Recipient study information: Relationship to Recipient, If Other Specify
131	RCP_ReTxp_DT	Num	8	Date of re-transplant
132	rcp_failprim_throm_ty_x	Num	8	If vascular thrombosis (Primary), specify one of the following
133	rcp_failsec_throm_ty_x	Num	8	If vascular thrombosis (Secondary), specify one of the following

Num	Variable	Type	Len	Label
134	Date_of_Death	Num	8	Date of Death
135	rcp_ht_nd_x	Num	8	Recipient at enrollment: height Not Done < 1=Not Done >
136	rcp_wt_kg_en_x	Num	8	Recipient at enrollment: weight (kg)
137	rcp_wt_nd_en_x	Num	8	Recipient at enrollment: weight Not Done < 1=Not Done >
138	rcp_wt_nd_io_x	Num	8	Recipient at transplant: weight Not Done < 1=Not Done >
139	CoreLastStatusDatePtnSurv	Num	8	maximum of: date last known alive with index graft, death, retransplant, date last known alive after retransplant
140	CoreLastStatusDate	Num	8	max(last known alive with index graft, min(death date, retransplant date))
141	rcp_age_en_x	Num	8	Recipient at enrollment: age
142	rcp_bmi_en_x	Num	8	Recipient at enrollment: bmi
143	rcp_bsa_en_x	Num	8	Recipient at enrollment: Body Surface Area (m2)
144	rcp_slv_Urata_x	Num	8	Recipient at enrollment: Standard Liver Volume (706.2*BSA+2.4) - Urata
145	rcp_slv_Heineman_x	Num	8	Recipient at enrollment: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
146	rcp_gap_x	Num	8	Recipient study information: gap subject who received a transplant between 9/1/2009 and Core site initiation
147	rcp_grftfail_x	Num	8	
148	RCP_HCVTXP_DnrType	Num	8	B:6 [ Donor and Transplant Information] : Donor type
149	RCP_HCVTXP_LdlgrfTYPE	Num	8	B:10 [ Donor and Transplant Information] : if LDLT, what was the graft type?
150	a2all_id_x	Char	6	Unique patient ID in Core
151	rcp_surg_dt_x	Num	8	
152	rcp_abort_io_x	Num	8	
153	ID_core_x	Num	8	Core study subject: 1=yes, 0=no
154	ID_HcvStudyOnly_x	Num	8	Core HCV study subject only: 1=yes, 0=no
155	inx	Num	8	In Core database
156	rcp_core_dgn_acutefail_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
157	rcp_core_dgn_nonhccmalig_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
158	rcp_core_dgn_metabolic_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
159	rcp_core_dgn_alccirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
160	rcp_core_dgn_hcv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
161	rcp_core_dgn_hcc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
162	rcp_core_dgn_oth_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
163	rcp_core_dgn_cryptocirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
164	rcp_core_dgn_pbc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)



Num	Variable	Type	Len	Label
165	rcp_core_dgn_psc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
166	rcp_core_dgn_autoimmhеп_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
167	rcp_core_dgn_hbv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
168	rcp_core_dgn_hemochrom_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
169	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
170	rcp_gender_rcx	Num	8	Recipient at enrollment: gender
171	rcp_dob_rcx	Num	8	Recipient at enrollment: date of birth
172	rcp_abo_rcx	Num	8	Recipient at enrollment: blood type
173	rcp_ethnic_rcx	Num	8	Recipient at enrollment: ethnicity
174	rcp_race_rcx	Num	8	Recipient at enrollment: race
175	rcp_abort_io_rcx	Num	8	Recipient intraop: was the transplant procedure aborted before completion?
176	rcp_leftlobe_rcx	Num	8	Recipient intraop: left lobe recipient
177	rcp_surg_dt_rcx	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
178	LDLT_rcx	Num	8	Recipient intraop: LDLT
179	LDLT_dt_rcx	Num	8	Recipient intraop: LDLT date
180	rcp_age_tx_rcx	Num	8	Recipient at transplant: age
181	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)
182	rcp_unosp_x_id_rcx	Num	8	Recipient study information: PX ID
183	CoreHCVAssessDate	Num	8	A:1 [ Post-LT Follow Up] : Date of cirrhosis assessment
184	dnr_unoscrypt_don_id_rcx	Num	8	Donor study information: UNOS encrypted donor ID
185	dnr_unosdon_id_rcx	Char	7	Donor study information: UNOS Don ID
186	rcp_LeftLobe	Num	8	
187	rcp_pers_id_rcx	Num	8	Recipients SRTR PERS ID
188	Rcp_Death_dt_rcx	Num	8	Recipient assessment: death date
189	Rcp_Death_dt_rcx_srs	Num	8	Recipient assessment: death date, A2ALL supplemented w/SRTR
190	Rcp_Retxp_dt_c	Num	8	
191	rcp_retxp_dt_x	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant
192	Rcp_Retxp_dt_rcx	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant
193	Rcp_Retxp_dt_rcx_srs	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant, A2ALL supplemented w/SRTR
194	rcp_EndCompleteFu_dt_x	Num	8	
195	rcp_EndCompleteFu_dt_rcx	Num	8	Last date of active follow up in A2ALL
196	rcp_EndPatientFu_dt_x	Num	8	
197	rcp_EndPatientFu_dt_rcx	Num	8	Last date of known patient survival status
198	rcp_EndPatientFu_dt_rcx_srs	Num	8	Last date of known patient survival status, A2ALL supplemented w/SRTR
199	rcp_EndGraftFu_dt_x	Num	8	
200	rcp_EndGraftFu_dt_rcx	Num	8	Last date of known graft survival status

Num	Variable	Type	Len	Label
201	rcp_EndGraftFu_dt_rcx_srs	Num	8	Last date of known graft survival status, A2ALL supplemented w/SRTR
202	rcp_died_rcx	Num	8	Recipient assessment: died
203	rcp_died_rcx_srs	Num	8	Recipient assessment: died, A2ALL supplemented w/SRTR
204	rcp_retxp_rcx	Num	8	Recipient post-transplant assessment: Did recipient receive another transplant?
205	rcp_retxp_rcx_srs	Num	8	Recipient post-transplant assessment: Did recipient receive another transplant?, A2ALL supplemented w/SRTR
206	rcp_grftfail_cx	Num	8	Recipient post-transplant assessment: graft failed
207	rcp_grftfail_prim_cx	Num	8	Recipient post-transplant assessment: Primary Cause of graft failure
208	rcp_grftfail_prim_spec_cx	Char	200	Recipient post-transplant assessment: Primary Cause of graft failure, specify other
209	rcp_grftfail_sec_cx	Num	8	Recipient post-transplant assessment: Secondary Cause of graft failure
210	rcp_grftfail_sec_spec_cx	Char	200	Recipient post-transplant assessment: Secondary Cause of graft failure, specify other
211	rcp_codprim_rcx	Num	8	Recipient assessment: Primary Cause of Death
212	rcp_codsec_rcx	Num	8	Recipient assessment: Secondary Cause of Death
213	rcp_ht_m_rcx	Num	8	Recipient at dnr eval: height (m)
214	rcp_ht_m_rcx_srs	Num	8	Recipient at dnr eval: height (m) A2ALL supplemented w/SRTR
215	rcp_wt_kg_tx_rcx	Num	8	Recipient at transplant: weight (kg)
216	rcp_wt_kg_tx_rcx_srs	Num	8	Recipient at transplant: weight (kg), A2ALL supplemented w/SRTR
217	rcp_bmi_tx_rcx	Num	8	Recipient at transplant: bmi (kg/m2)
218	rcp_bmi_tx_rcx_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
219	rcp_age_tx_rcx_srs	Num	8	Recipient at transplant: age, A2ALL supplemented w/SRTR
220	Core	Num	8	
221	retro	Num	8	
222	caseLE20	Num	8	
223	rcp_meld_tx_rcx	Num	8	Recipient at transplant: MELD at transplant (max 40)
224	rcp_bili_tx_rcx	Num	8	Recipient at transplant: total bilirubin closest to transplant (mg/dl)
225	rcp_inr_tx_rcx	Num	8	Recipient at transplant: INR closest to transplant
226	rcp_creat_tx_rcx	Num	8	Recipient at transplant: creatinine (mg/dl)
227	rcp_ascites_tx_rc	Num	8	Recipient at transplant: ascites
228	rcp_dialy_tx_rcx	Num	8	Recipient at transplant: on dialysis?
229	rcp_vent_tx_rcx	Num	8	Recipient at transplant: on ventilator?
230	rcp_cond_tx_rc	Num	8	Recipient at transplant: medical condition
231	rcp_cit_io_rcx	Num	8	Recipient intraop: Cold Ischemia Time
232	rcp_cit_io_rc_srs	Num	8	Recipient intraop: Cold Ischemia Time (minutes), A2ALL supplemented with SRTR
233	rcp_skintime_io_rc	Num	8	Recipient intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
234	rcp_grftwt_measured_io_rcx	Num	8	Recipient intraop: Measured graft weight in gram
235	rcp_grftwt_predict_io_rcx	Num	8	Recipient intraop: Graft weight in gram (= measured graft weight, if measured graft weight was missing, then = predicted graft weight)

Num	Variable	Type	Len	Label
236	rcp_prbc_io_rc	Num	8	Recipient intraop: How many units of packed red blood cells did the recipient receive during the transplant?
237	rcp_wit_io_x	Num	8	Recipient intraop: Warm Ischemia Time
238	rcp_witsep_io_rc	Num	8	Recipient intraop: If previous answer is separately, Warm Ischemia Time
239	rcp_witsim_io_rc	Num	8	Recipient intraop: If portal & arterial perfusion are performed simultaneously, Warm Ischemia Time
240	rcp_pa_perf_io_rc	Num	8	Recipient intraop: Are portal and arterial reperfusion performed separately or simultaneously?
241	rcp_art_time_dd_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization:
242	rcp_art_time_ld_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization
243	rcp_arttime_io_r	Num	8	Recipient intraop: If previous answer is separately, Time to Arterialization
244	dnr_age_donate_rcx	Num	8	Donor intraop: age at donation
245	dnr_gender_rcx	Num	8	Donor at enrollment: gender (1=male, 2=female)
246	dnr_race_rcx	Num	8	Donor at enrollment: race
247	dnr_bmi_donate_x	Num	8	Donor intraop: bmi (kg/m2)
248	dnr_ethnic_rcx	Num	8	Donor at enrollment: ethnicity
249	dnr_relate_rcx	Num	8	Donor study entry: relationship to recipient
250	dnr_slv_heinemann_rcx	Num	8	Donor intraop: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
251	dnr_ht_m_rcx	Num	8	Donor intraop: height (m)
252	dnr_wt_kg_ev_rc	Num	8	Donor evaluation: weight (kg)
253	dnr_wt_kg_io_x	Num	8	Donor intraop: weight (kg)
254	dnr_sctime_io_rc	Num	8	Donor intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
255	rcp_hosp_dc_rcx	Num	8	Recipient hospitalization: discharge date
256	rcp_hosp_icuday_rcx	Num	8	Recipient hospitalization: number of days in ICU
257	rcp_hosp_admit_rcx	Num	8	Recipient hospitalization: admission date
258	rcp_meld_ev_rc	Num	8	Recipient at dnr eval: MELD
259	cohort_hosp_at_txp	Num	8	
260	cond_at_txp	Num	8	
261	rcp_slv	Num	8	
262	grft_wt	Num	8	
263	core_warm	Num	8	
264	cohort_warm_sep	Num	8	
265	cohort_warm_sim	Num	8	
266	art_time_rc	Num	8	
267	warm_time	Num	8	
268	cold_time	Num	8	
269	warm_time_srs	Num	8	
270	cold_time_srs	Num	8	
271	tot_isch_time	Num	8	

Num	Variable	Type	Len	Label
272	tot_isch_time_srs	Num	8	
273	warm_time_ms	Num	8	
274	cold_time_ms	Num	8	
275	warm_time_srs_ms	Num	8	
276	cold_time_srs_ms	Num	8	
277	dnr_bmi1	Num	8	
278	dnr_bmi	Num	8	
279	type	Num	8	
280	MeldCat	Num	8	
281	MeldCat_ev	Num	8	
282	MELD6to10	Num	8	
283	MELD11to20	Num	8	
284	MELD21to30	Num	8	
285	MELD31to40	Num	8	
286	MELD6to10_ev	Num	8	
287	MELD11to20_ev	Num	8	
288	MELD21to30_ev	Num	8	
289	MELD31to40_ev	Num	8	
290	vent	Num	8	
291	ascites	Num	8	
292	dialysis	Num	8	
293	graftvol_rcpslv	Num	8	
294	graftvol_rcpslv_ltpt4	Num	8	
295	grwr	Num	8	
296	grwr_ltpt8	Num	8	
297	center	Char	1	
298	A	Num	8	
299	B	Num	8	
300	C	Num	8	
301	D	Num	8	
302	E	Num	8	
303	F	Num	8	
304	G	Num	8	
305	H	Num	8	
306	I	Num	8	
307	J	Num	8	
308	K	Num	8	
309	L	Num	8	
310	TXP_LOS	Num	8	

Num	Variable	Type	Len	Label
311	rcp_op_time_hrs	Num	8	
312	dnr_op_time_hrs	Num	8	
313	retxp_dt	Num	8	
314	death_dt	Num	8	
315	LastFU_dt	Num	8	
316	FU_time	Num	8	
317	died	Num	8	
318	event_dt	Num	8	
319	death_time	Num	8	
320	retxp	Num	8	
321	gf	Num	8	
322	gf_date	Num	8	
323	gf_time	Num	8	
324	entry	Num	8	
325	female	Num	8	
326	hispanic	Num	8	
327	white	Num	8	
328	black	Num	8	
329	asian	Num	8	
330	other_race	Num	8	
331	race_cat	Num	8	
332	dnr_female	Num	8	
333	dnr_hispanic	Num	8	
334	dnr_white	Num	8	
335	dnr_black	Num	8	
336	dnr_asian	Num	8	
337	dnr_other_race	Num	8	
338	bio	Num	8	
339	spouse	Num	8	
340	non_bio	Num	8	
341	icu	Num	8	
342	hosp	Num	8	
343	nothosp	Num	8	
344	rcp_grftfail_prim_rcx	Num	8	
345	COD	Num	8	
346	COD_cat	Num	8	
347	COD_cat1	Num	8	
348	gf_cause	Num	8	
349	gf_cause1	Num	8	

Num	Variable	Type	Len	Label
350	gf_vt	Num	8	
351	dgn_acutefail	Num	8	
352	dgn_alccirr	Num	8	
353	dgn_autoimmhеп	Num	8	
354	dgn_cryptocirr	Num	8	
355	dgn_hbv	Num	8	
356	dgn_hcc	Num	8	
357	dgn_hcv	Num	8	
358	dgn_hemochrom	Num	8	
359	dgn_metabolic	Num	8	
360	dgn_nonhccmalig	Num	8	
361	dgn_pbc	Num	8	
362	dgn_psc	Num	8	
363	dgn_oth	Num	8	
364	x	Num	8	
365	year	Num	8	
366	year1999	Num	8	
367	year2000	Num	8	
368	year2001	Num	8	
369	year2002	Num	8	
370	year2003	Num	8	
371	year2004	Num	8	
372	year2005	Num	8	
373	year2006	Num	8	
374	year2007	Num	8	
375	year2008	Num	8	
376	year2009	Num	8	
377	year2010	Num	8	
378	year2011	Num	8	
379	year2012	Num	8	
380	year2013	Num	8	
381	year2014	Num	8	
382	year_comb	Num	8	
383	year_98_03	Num	8	
384	year_04_09	Num	8	
385	year_10_14	Num	8	
386	era	Char	5	
387	era1	Num	8	
388	year_groups	Num	8	

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
389	gf_time1	Num	8	
390	death_time1	Num	8	

**Data Set Name: prospectqol\_surveys.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	15	Subject ID
2	Study	Num	8	Study Number
3	Time	Num	8	Study Time
4	CompleteDate	Num	8	Survey Complete Date
5	FinanOtherList	Char	1000	Other costs, describe
6	Decision1a	Char	810	
7	Decision2b	Char	810	
8	Decision5a	Char	810	
9	Decision6a	Char	810	
10	VolHx12	Char	810	
11	MedsList	Char	810	Medications listed
12	MConcernList	Char	810	
13	PConcernList	Char	810	
14	Comments	Char	810	
15	nated	Num	8	donated
16	nationDate	Num	8	Donation Date
17	DecisionProcess	Num	8	Other possible donors
18	Decision1	Num	8	First heard about living donation
19	Decision2	Num	8	Who said you could be tested
20	Decision2a	Char	255	Who said you could be tested: which family member/friend
21	Decision3	Num	8	When did you decide to be tested
22	Ambiv1	Num	8	How hard to decide to donate
23	Decision4	Num	8	postponed decision to donate
24	Decision5	Num	8	Step when seriously considered donation
25	Decision6	Num	8	Step when definitely decided to donate
26	Ambiv2	Num	8	Knew right away I would be tested
27	OthersInfl1	Num	8	Consult anyone about decision to donate: liver candidate
28	OthersInfl2	Num	8	Consult anyone about decision to donate: spouse partner
29	OthersInfl3	Num	8	Consult anyone about decision to donate: children
30	OthersInfl4	Num	8	Consult anyone about decision to donate: other relatives
31	OthersInfl5	Num	8	Consult anyone about decision to donate: friends
32	OthersInfl6	Num	8	Consult anyone about decision to donate: other liver donors
33	OthersInfl7	Num	8	Consult anyone about decision to donate: did not consult anyone
34	OthersInfl8	Num	8	Consult professional about decision to donate: local doctor
35	OthersInfl9	Num	8	Consult professional about decision to donate: transplant center personnel
36	OthersInfl10	Num	8	Consult professional about decision to donate: clergy



Num	Variable	Type	Len	Label
37	OthersInfl11	Num	8	Consult professional about decision to donate: lawyer
38	OthersInfl12	Num	8	Consult professional about decision to donate: other
39	OthersInfl13	Char	255	Consult other professional: describe
40	OthersInfl14	Num	8	Anyone encouraged you to donate
41	OthersInfl15	Num	8	Who encouraged you: liver candidate
42	OthersInfl16	Num	8	Who encouraged you: spouse/partner
43	OthersInfl17	Num	8	Who encouraged you: mother
44	OthersInfl18	Num	8	Who encouraged you: father
45	OthersInfl19	Num	8	Who encouraged you: sister(s)
46	OthersInfl20	Num	8	Who encouraged you: brother(s)
47	OthersInfl21	Num	8	Who encouraged you: other relatives
48	OthersInfl22	Num	8	Who encouraged you: friends
49	OthersInfl23	Num	8	Who encouraged you: other
50	OthersInfl23a	Char	255	Who encouraged you: describe
51	OthersInfl24	Num	8	Anyone discouraged you to donate
52	OthersInfl25	Num	8	Who discouraged you: liver candidate
53	OthersInfl26	Num	8	Who discouraged you: spouse/partner
54	OthersInfl27	Num	8	Who discouraged you: mother
55	OthersInfl28	Num	8	Who discouraged you: father
56	OthersInfl29	Num	8	Who discouraged you: sister(s)
57	OthersInfl30	Num	8	Who discouraged you: brother(s)
58	OthersInfl31	Num	8	Who discouraged you: other relatives
59	OthersInfl32	Num	8	Who discouraged you: friends
60	OthersInfl33	Num	8	Who discouraged you: other
61	OthersInfl33a	Char	255	Who discouraged you: other - describe
62	OthersInfl34	Num	8	Voluntary decision to donate
63	OthersInfl35	Num	8	Pressured to donate by liver candidate
64	OthersInfl36	Num	8	Pressured to donate by friends
65	OthersInfl37	Num	8	Pressured to donate by family
66	OthersInfl38	Num	8	Pressured to donate by transplant team
67	OthersInfl39	Num	8	Pressured to donate by other person
68	OthersInfl40	Char	255	Pressured by other person - describe
69	Ambiv3	Num	8	Doubts about donating
70	Ambiv4	Num	8	How feel if could not donate
71	Ambiv5	Num	8	Unsure about donating
72	Ambiv6	Num	8	Hope candidate gets deceased donor liver
73	Ambiv7	Num	8	Really want to donate
74	BetPer3	Num	8	Feel brave
75	BetPer7	Num	8	Almost a hero

Num	Variable	Type	Len	Label
76	VolHx1	Num	8	Parents were blood donors
77	VolHx2	Num	8	Organ donor in family
78	VolHx3	Num	8	Family organ donor was alive or not
79	VolHx4	Num	8	Donation history: donated blood
80	VolHx5	Num	8	Donation history: donated plasma
81	VolHx6	Num	8	Donation history: in bone marrow registry
82	VolHx7	Num	8	Donation history: donated marrow/stem cells
83	VolHx8	Num	8	Donation history: signed donor card
84	VolHx9	Num	8	Donated to charity
85	VolHx10	Num	8	Do volunteer work
86	VolHx11	Num	8	Volunteer hours/month
87	Religion	Num	8	Importance of religion/beliefs
88	Motive1	Num	8	Kind of person who helps others
89	Motive2	Num	8	Believe we should help others
90	Motive3	Num	8	Give something back
91	Motive4	Num	8	Make society better
92	Motive5	Num	8	Relieve candidate's suffering
93	Motive6	Num	8	Imagine how it would be to wait for transplant
94	Motive7	Num	8	Religious beliefs suggest I should help
95	Motive8	Num	8	Donation doesn't cost me much
96	Motive9	Num	8	Raise awareness of donation
97	Motive10	Num	8	Moral obligation to donate
98	Motive11	Num	8	Donate contributes to other's life
99	CandidateRel1	Num	8	See eye to eye with candidate
100	CandidateRel2	Num	8	Conflict with candidate
101	CandidateRel3	Num	8	Warm relationship with candidate
102	CandidateRel4	Num	8	Enjoy company of candidate
103	BlackSheep1	Num	8	Family approve of your life
104	BlackSheep2	Num	8	Done anything family doesn't approve of
105	FamSupp1	Num	8	Spouse/partner supports donation decision
106	FamSupp2	Num	8	Parents support donation decision
107	Meds	Num	8	Current medications
108	SFGH01	Num	8	General health
109	SFHT	Num	8	Health compared to 1 year ago
110	SFPP01	Num	8	Limitations: vigorous activities
111	SFPP02	Num	8	Limitations: moderate activities
112	SFPP03	Num	8	Limitations: lifting/carrying groceries
113	SFPP04	Num	8	Limitations: several flights of stairs
114	SFPP05	Num	8	Limitations: one flight of stairs

Num	Variable	Type	Len	Label
115	SFPF06	Num	8	Limitations: bending, kneeling
116	SFPF07	Num	8	Limitations: Walking > a mile
117	SFPF08	Num	8	Limitations: Walking several hundred yards
118	SFPF09	Num	8	Limitations: Walking 100 yards
119	SFPF10	Num	8	Limitations: bathing or dressing
120	SFRP01	Num	8	Cut down on work due to physical health
121	SFRP02	Num	8	Accomplished less due to physical health
122	SFRP03	Num	8	Limited kind of work due to physical health
123	SFRP04	Num	8	Difficulty with work due to physical health
124	SFRE01	Num	8	Cut down on work time due to emotional problems
125	SFRE02	Num	8	Accomplished less due to emotional problems
126	SFRE03	Num	8	Work less careful due to emotional problems
127	SFSF01	Num	8	Extent health/emotional problems interfered with social activities
128	SFBP01	Num	8	How much bodily pain
129	SFBP02	Num	8	Pain interfered with work
130	SFVT01	Num	8	Feel full of life
131	SFMH01	Num	8	Feel nervous
132	SFMH02	Num	8	Feel down in the dumps
133	SFMH03	Num	8	Feel calm and peaceful
134	SFVT02	Num	8	Have energy
135	SFMH04	Num	8	Felt downhearted and depressed
136	SFVT03	Num	8	Feel worn out
137	SFMH05	Num	8	Been happy
138	SFVT04	Num	8	Feel tired
139	SFSF02	Num	8	Time health/emotional problems interfered with social activities
140	SFGH02	Num	8	Get sick easier than others
141	SFGH03	Num	8	Healthy as anybody
142	SFGH04	Num	8	Health will get worse
143	SFGH05	Num	8	Health is excellent
144	Pain	Num	8	Level of abdominal/back pain
145	PainInterfere1	Num	8	Pain interfered with general activity
146	PainInterfere2	Num	8	Pain interfered with mood
147	PainInterfere3	Num	8	Pain interfered with walking
148	PainInterfere4	Num	8	Pain interfered with work
149	PainInterfere5	Num	8	Pain interfered with relations with others
150	PainInterfere6	Num	8	Pain interfered with sleep
151	PainInterfere7	Num	8	Pain interfered with enjoyment of life
152	Fatigue1	Num	8	Feel fatigued
153	Fatigue2	Num	8	Feel weak

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
154	Fatigue3	Num	8	Feel listless
155	Fatigue4	Num	8	Feel tired
156	Fatigue5	Num	8	Trouble starting things
157	Fatigue6	Num	8	Trouble finishing things
158	Fatigue7	Num	8	Have energy
159	Fatigue8	Num	8	Able to do usual activities
160	Fatigue9	Num	8	Need daytime sleep
161	Fatigue10	Num	8	Too tired to eat
162	Fatigue11	Num	8	Need help with activities
163	Fatigue12	Num	8	Frustrated by tiredness
164	Fatigue13	Num	8	Limited social activity due to tiredness
165	Worry2	Num	8	Worry about health
166	MConcernPain	Num	8	Medical concern: Pain
167	MConcernAnes	Num	8	Medical concern: General Anesthesia
168	MConcernSurg	Num	8	Medical concern: Surgery damage health
169	MConcernRecov	Num	8	Medical concern: Difficult recovery
170	MConcernOther	Num	8	Medical concern: Other
171	MConcernNone	Num	8	Medical concern: None
172	MedComp	Num	8	Donor could have a medical complication
173	PConcernWork	Num	8	Psychosocial concern: Miss work
174	PConcernFamily	Num	8	Psychosocial concern: Miss family activities
175	PConcernKids	Num	8	Psychosocial concern: Care of kids
176	PConcernWorry	Num	8	Psychosocial concern: Family worry
177	PConcernThink	Num	8	Psychosocial concern: What others think
178	PConcernCost	Num	8	Psychosocial concern: Who will pay
179	PConcernOther	Num	8	Psychosocial concern: Other
180	PConcernNone	Num	8	Psychosocial concern: None
181	AnticOutcome1	Num	8	Anticipated outcome of donation: effects on health
182	LifeSatis	Num	8	Feel about life as a whole
183	PHQ1	Num	8	Little interest or pleasure
184	PHQ2	Num	8	Feeling down or depressed
185	PHQ3	Num	8	Trouble with sleep
186	PHQ4	Num	8	Feeling tired
187	PHQ5	Num	8	Appetite problems
188	PHQ6	Num	8	Feeling bad about yourself
189	PHQ7	Num	8	Trouble concentrating
190	PHQ8	Num	8	Psychomotor agitation/retardation
191	PHQ9	Num	8	Thoughts of harming self
192	GAD1	Num	8	Feeling nervous or anxious

Num	Variable	Type	Len	Label
193	GAD2	Num	8	Feeling restless
194	GAD3	Num	8	Tiring easily
195	GAD4	Num	8	Muscle tension
196	GAD5	Num	8	Trouble with sleep
197	GAD6	Num	8	Trouble concentrating
198	GAD7	Num	8	Easily annoyed or irritable
199	Alc1	Num	8	Ever drink alcohol
200	Alc2	Num	8	Drink despite health problems
201	Alc3	Num	8	Drink during other responsibilities
202	Alc4	Num	8	Missed obligations due to drinking
203	Alc5	Num	8	Problems with others due to alcohol
204	Alc6	Num	8	Drove after drinking
205	AnticOutcome2	Num	8	Will donate
206	AnticOutcome3	Num	8	Candidate will survive transplant
207	AnticOutcome4	Num	8	Candidate will return to a full life
208	AnticOutcome5	Num	8	Will relieve recipient's suffering
209	AnticOutcome6	Num	8	Will feel my life is more worthwhile
210	AnticOutcome7	Num	8	Days you think will be in hospital
211	AnticOutcome8	Num	8	Days you think you will be off work
212	AnticOutcome9	Num	8	How long until back to normal
213	Prepared	Num	8	Prepared for donation
214	Educ	Num	8	Education
215	Latino	Num	8	Latino
216	RaceWhite	Num	8	Race - White
217	RaceBlack	Num	8	Race - Black
218	RaceAsian	Num	8	Race - Asian
219	RacePIslander	Num	8	Race - Hawaiian/Pacific Islander
220	RaceNAmer	Num	8	Race - Native American
221	RaceOther	Num	8	Race - Other
222	RaceDescribe	Char	255	Other race: describe
223	Employ	Num	8	Employment status
224	Occ	Char	255	Occupation
225	Marital	Num	8	Marital status
226	Household	Num	8	Household size
227	Income	Num	8	Income
228	Recovery2a	Char	810	
229	MedProbList	Char	810	
230	Finan1a	Char	810	Describe other job changes
231	Stress	Num	8	Physical stressfulness of donation

Num	Variable	Type	Len	Label
232	BetPer1	Num	8	Felt worthwhile
233	BetPer2	Num	8	Felt proud
234	BetPer4	Num	8	Felt heroic
235	BetPer5	Num	8	How highly think of self
236	Preocc1	Num	8	How often think about donation
237	Satis1	Num	8	Feel better about self
238	Satis2	Num	8	Family expressed gratitude
239	Satis3	Num	8	Family holds me in higher esteem
240	Satis4	Num	8	Since the donation, I feel I have helped my recipient in a significant way.
241	Satis5	Num	8	Life is more worthwhile
242	Satis6	Num	8	Family relationships more difficult
243	Satis7	Num	8	Life has special meaning
244	PhysStress1	Num	8	How long until felt normal
245	Recovery1	Num	8	Recovery slower/faster than expected
246	Recovery2	Num	8	Activities you can't do as well
247	Worry1	Num	8	Worry about physical effects of donation
248	MedProbs	Num	8	New medical problems related to donation
249	PhysSx1	Num	8	Light headedness
250	PhysSx2	Num	8	Weakness
251	PhysSx3	Num	8	Tiredness
252	PhysSx4	Num	8	Bleeding at surgical site
253	PhysSx5	Num	8	Pain at surgical site
254	PhysSx6	Num	8	Itching at surgical site
255	PhysSx7	Num	8	Tension at surgical site
256	PhysSx8	Num	8	Numbness at surgical site
257	PhysSx9	Num	8	Abdominal pain
258	PhysSx10	Num	8	Low back pain
259	PhysSx11	Num	8	Abdominal bloating or swelling
260	PhysSx12	Num	8	Decreased stomach tone
261	PhysSx13	Num	8	Puffiness in hands or feet
262	PhysSx14	Num	8	Leg swelling
263	PhysSx15	Num	8	Difficulty walking
264	PhysSx16	Num	8	Problems sleeping
265	PhysSx17	Num	8	Nausea or vomiting
266	PhysSx18	Num	8	Problems eating
267	PhysSx19	Num	8	Infection at surgical site
268	Relation	Char	255	Relationship to recipient (recipient is... to donor)
269	Preocc2	Num	8	Think about recipient
270	RecipStatus	Num	8	Recipient alive

Num	Variable	Type	Len	Label
271	Grief1	Num	8	How long after donation recipient died (in weeks)
272	Grief2	Num	8	Sought counseling
273	Grief3	Num	8	Feel guilty about death
274	Grief4	Num	8	Feel responsible for death
275	RecipRel1	Num	8	Worried about recipient
276	RecipRel2	Num	8	How often seen recipient
277	RecipRel3	Num	8	Want more contact
278	RecipRel4	Num	8	Interactions are rewarding
279	RecipRel5	Num	8	Interactions are comfortable
280	RecipRel6	Num	8	Interactions are hard
281	RecipRel7	Num	8	Interactions are positive
282	RecipRel8	Num	8	Interactions are tense
283	RecipRel9	Num	8	Interactions are close
284	RecipRel10	Num	8	Interactions are awkward
285	RecipRel11	Num	8	Recipient relationship change
286	RecipRel12	Num	8	Recipient relationship quality
287	RecipRel13	Num	8	Closer to recipient
288	RecipRel14	Num	8	Risky recipient behavior
289	FamilyRel1	Num	8	Family relationships changed
290	SpouseRel	Num	8	Relationship with spouse changed
291	BetPer6	Num	8	Feel like a bigger person
292	BetPer8	Num	8	Donation is high point
293	Finan1	Num	8	Change jobs due to donation
294	Finan2	Num	8	Permanent income change
295	Finan3	Num	8	Ever lost wages due to donation
296	Finan4	Num	8	Ever had child/family care costs due to donation
297	Finan5	Num	8	Ever had transportation costs due to donation
298	Finan6	Num	8	Ever had housing costs due to donation
299	Finan7	Num	8	Ever had food costs due to donation
300	Finan8	Num	8	Ever had uncovered medication costs
301	Finan9	Num	8	Ever had uncovered medical bills
302	FinanOther	Num	8	Other costs due to donation
303	Finan10	Num	8	Costs compared to expectations
304	Finan11	Num	8	Costs were a burden
305	Finan12	Num	8	Problem keeping health insurance
306	Finan13	Num	8	Problem getting health insurance
307	Finan14	Num	8	Problem keeping life insurance
308	Finan15	Num	8	Problem getting life insurance
309	Finan16	Num	8	Have medical insurance

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
310	Insurance	Char	255	Types of insurance
311	Worry3	Num	8	Worry about future health
312	Worry4	Num	8	Never feel physically 100% again
313	Regret	Num	8	Would donate again
314	Worry5	Num	8	Overall feelings about donation
315	BetPer9	Num	8	Feel like better person
316	BetPer10	Num	8	Describe living donor
317	PTGI1	Num	8	Changed priorities in life
318	PTGI2	Num	8	Greater appreciation of value of my life
319	PTGI3	Num	8	Able to do better things with my life
320	PTGI4	Num	8	Better understanding of spiritual matters
321	PTGI5	Num	8	Greater sense of closeness
322	PTGI6	Num	8	New path for my life
323	PTGI7	Num	8	Can handle difficulties
324	PTGI8	Num	8	Stronger faith
325	PTGI9	Num	8	Stronger than I thought I was
326	PTGI10	Num	8	Learned how wonderful people are



**Data Set Name: rcp\_basic\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient resp id
2	dnr_resp_id_r	Num	8	Donor resp ID in Retro
3	dnr_a2all_id_r	Char	5	Donor ID in Retro
4	dnr_pers_id_r	Num	8	Donor pers ID in Retro
5	dnr_site_id_r	Num	8	Donor site ID in Retro
6	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
7	rcp_retxp_dt_r	Num	8	Recipient graft outcomes: Date of re-transplant
8	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
9	site_id_r	Num	8	Recipient site ID in Retro
10	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
11	rcp_coh_dgn_HCC_exp_only_r	Num	8	HCC at explant: HCC found at explant only
12	rcp_retrolabel_c	Num	8	Recipient study entry: what is this recipient subjects Retro BioDBx Subject Label?
13	a2all_id_c	Char	6	Unique patient ID in Cohort
14	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
15	site_id_c	Num	8	Recipient site ID in Cohort
16	rcp_initiation_c	Num	8	Recipient study entry: Cohort site initiation date
17	rcp_grftfail_dt_c	Num	8	Recipient post-transplant assessment: Date of graft failure
18	rcp_grftfail_c	Num	8	Recipient post-transplant assessment: graft failed
19	dnr_site_id_c	Num	8	Donor site ID in Cohort
20	inr	Num	8	in Retro database
21	inc	Num	8	in Cohort database
22	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
23	ID_LADR_c	Num	8	LADR study subject (exclude screen failure): 1=yes, 0=no
24	ID_GR2HCC_c	Num	8	GR2HCC study subject: 1=yes, 0=no
25	ID_GRITS_c	Num	8	GRITS study subject: 1=yes, 0=no
26	ID_COHORT_c	Num	8	Cohort study subject: 1=yes, 0=no
27	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
28	dnr_a2all_id_c	Char	6	Donor ID in Cohort
29	dnr_bmi_ev_rc	Num	8	Donor BMI at evaluation in Retro or Cohort
30	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date
31	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
32	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
33	rcp_bsa_ev_rc	Num	8	Recipient at dnr eval: Body Surface Area (m2)
34	rcp_bsa_ev_rc_srs	Num	8	Recipient at dnr eval: Body Surface Area (m2), A2ALL supplemented w/SRTR

Num	Variable	Type	Len	Label
35	rcp_slv_Urata_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (706.2*BSA+2.4) - Urata
36	rcp_slv_Heineman_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
37	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
38	rcp_bmi_ev_rc_srs	Num	8	Recipient at dnr eval: bmi (kg/m2), A2ALL supplemented w/SRTR
39	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
40	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
41	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
42	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
43	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
44	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
45	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcoholic Cirrhosis
46	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
47	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
48	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
49	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
50	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
51	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
52	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC
53	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases
54	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
55	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
56	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
57	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
58	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
59	rcp_core_dgn_acutefail_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Liver Failure (merges with Core)
60	rcp_core_dgn_nonhccmalig_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
61	rcp_core_dgn_metabolic_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
62	rcp_core_dgn_alccirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcohol-related Cirrhosis (merges with Core)
63	rcp_core_dgn_hcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
64	rcp_core_dgn_hcc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
65	rcp_core_dgn_oth_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
66	rcp_core_dgn_cryptocirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cryptogenic Cirrhosis (merges with Core)

Num	Variable	Type	Len	Label
67	rcp_core_dgn_pbc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PBC (merges with Core)
68	rcp_core_dgn_psc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PSC (merges with Core)
69	rcp_core_dgn_autoimmhеп_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
70	rcp_core_dgn_hbv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
71	rcp_core_dgn_hemochrom_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
72	DDLT_rc	Num	8	Recipient intraop: DDLT
73	DDLT_rc_srs	Num	8	Recipient intraop: DDLT, A2ALL supplemented w/SRTR
74	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
75	DDLT_dt_rc_srs	Num	8	Recipient intraop: DDLT date, A2ALL supplemented w/SRTR
76	domino_rc	Num	8	Recipient intraop: Domino transplant recipient
77	rcp_case_rc	Num	8	Recipient: LDLT case number at center
78	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
79	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
80	dnr_ID	Char	6	Donor ID that links Retro, Cohort, and Core data: =Retro donor id if in Retro only =Cohort donor ID if in Cohort (it may be in Retro or Core) =Core donor ID if in Core only
81	hcc_hcc_ex_r	Num	8	HCC at explant: Was HCC found on explant pathology?
82	hcc_hcc_ex_c	Num	8	HCC at explant: Was the HCC an incidental finding?
83	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
84	rcp_grftfail_prim_r	Num	8	Recipient graft outcomes: Primary Cause of graft failure
85	rcp_grftfail_sec_r	Num	8	Recipient graft outcomes: Secondary Cause of graft failure
86	rcp_codprim_rc	Num	8	Recipient assessment: primary cause of death
87	rcp_codsec_rc	Num	8	Recipient assessment: secondary cause of death
88	rcp_codtert_rc	Num	8	Recipient assessment: tertiary cause of death
89	site_id_x	Num	8	Recipient site ID in Core
90	rcp_initiation_x	Num	8	Recipient study information: Core activation date
91	rcp_hcveligible_x	Num	8	Recipient study information: Subjects who are eligible for the HCV Study Flow (current and future)
92	rcp_hcvfloweligible_x	Num	8	Subjects who are currently eligible for the HCV Study Flow (doesn't include future )
93	rcp_hcvsubflow_x	Num	8	Subject who have filled out the first 6 screening questions (A1-A6) on the subject flow CRF
94	rcp_hcvstudypopulation_x	Num	8	Subject enrolled in the HCV Study after screening
95	rcp_hcvsubflowcrfcomplete_x	Num	8	Subject who have enrolled in the HCV Study after screening completed the subject flow CRF
96	rcp_hcvstudyonly_x	Num	8	HCV Only Subjects
97	RCP_CODPrim	Num	8	Primary Cause of Death

Num	Variable	Type	Len	Label
98	RCP_CODSec	Num	8	Secondary Cause of Death
99	rcp_lifnstatus_x	Num	8	Recipient study information: Was liver functioning at the time of death
100	rcp_consentcurr_x	Num	8	Recipient study information: Subject Consent Status
101	rcp_consentcurr_dt_x	Num	8	Recipient study information: Subject Consent Status Date
102	rcp_consentinit_x	Num	8	Recipient study information: Initial Subject Consent Status
103	rcp_consentinit_dt_x	Num	8	Recipient study information: Initial Subject Consent Status Date
104	RCP_Death_DT	Num	8	Date of Death
105	LastDateKnownAliveAfterReTxp	Num	8	Last Date Known Alive After ReTxp
106	rcp_studycomplete_dt_x	Num	8	Recipient study information: Study Completed Date
107	dnr_a2all_id_x	Char	6	Linked Subject ID
108	rcp_refusalreason_x	Num	8	Recipient study information: Refused Consent Reason
109	rcp_ltfureason_x	Num	8	Recipient study information: Lost to Follow-up Reason
110	rcp_codprim_spec_x	Char	200	Recipient assessment: Primary Cause of Death, specify other
111	rcp_codsec_spec_x	Char	200	Recipient assessment: Secondary Cause of Death, specify other
112	rcp_relationtodnr_x	Num	8	Recipient study information: Relationship to Recipient / Donor
113	rcp_relationtodnr_oth_x	Char	200	Recipient study information: Relationship to Recipient, If Other Specify
114	RCP_ReTxp_DT	Num	8	Date of re-transplant
115	rcp_failprim_throm_ty_x	Num	8	If vascular thrombosis (Primary), specify one of the following
116	rcp_failsec_throm_ty_x	Num	8	If vascular thrombosis (Secondary), specify one of the following
117	Date_of_Death	Num	8	Date of Death
118	rcp_ht_nd_x	Num	8	Recipient at enrollment: height Not Done < 1=Not Done >
119	rcp_wt_kg_en_x	Num	8	Recipient at enrollment: weight (kg)
120	rcp_wt_nd_en_x	Num	8	Recipient at enrollment: weight Not Done < 1=Not Done >
121	rcp_wt_nd_io_x	Num	8	Recipient at transplant: weight Not Done < 1=Not Done >
122	CoreLastStatusDatePtnSurv	Num	8	maximum of: date last known alive with index graft, death, retransplant, date last known alive after retransplant
123	CoreLastStatusDate	Num	8	max(last known alive with index graft, min(death date, retransplant date))
124	rcp_age_en_x	Num	8	Recipient at enrollment: age
125	rcp_bmi_en_x	Num	8	Recipient at enrollment: bmi
126	rcp_bsa_en_x	Num	8	Recipient at enrollment: Body Surface Area (m2)
127	rcp_slv_Urata_x	Num	8	Recipient at enrollment: Standard Liver Volume (706.2*BSA+2.4) - Urata
128	rcp_slv_Heineman_x	Num	8	Recipient at enrollment: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
129	rcp_gap_x	Num	8	Recipient study information: gap subject who received a transplant between 9/1/2009 and Core site initiation
130	rcp_grftfail_x	Num	8	
131	RCP_HC VTXP_DnrType	Num	8	B:6 [ Donor and Transplant Information] : Donor type
132	RCP_HC VTXP_LdlgrfTYPE	Num	8	B:10 [ Donor and Transplant Information] : if LDLT, what was the graft type?
133	a2all_id_x	Char	6	Unique patient ID in Core
134	rcp_surg_dt_x	Num	8	

Num	Variable	Type	Len	Label
135	rcp_abort_io_x	Num	8	
136	ID_core_x	Num	8	Core study subject: 1=yes, 0=no
137	ID_HcvStudyOnly_x	Num	8	Core HCV study subject only: 1=yes, 0=no
138	inx	Num	8	In Core database
139	rcp_core_dgn_acutefail_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
140	rcp_core_dgn_nonhccmalig_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
141	rcp_core_dgn_metabolic_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
142	rcp_core_dgn_alccirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
143	rcp_core_dgn_hcv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
144	rcp_core_dgn_hcc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
145	rcp_core_dgn_oth_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
146	rcp_core_dgn_cryptocirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
147	rcp_core_dgn_pbc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)
148	rcp_core_dgn_psc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
149	rcp_core_dgn_autoimmhep_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
150	rcp_core_dgn_hbv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
151	rcp_core_dgn_hemochrom_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
152	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
153	rcp_gender_rcx	Num	8	Recipient at enrollment: gender
154	rcp_dob_rcx	Num	8	Recipient at enrollment: date of birth
155	rcp_abo_rcx	Num	8	Recipient at enrollment: blood type
156	rcp_ethnic_rcx	Num	8	Recipient at enrollment: ethnicity
157	rcp_race_rcx	Num	8	Recipient at enrollment: race
158	rcp_abort_io_rcx	Num	8	Recipient intraop: was the transplant procedure aborted before completion?
159	rcp_leftlobe_rcx	Num	8	Recipient intraop: left lobe recipient
160	rcp_surg_dt_rcx	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
161	LDLT_rcx	Num	8	Recipient intraop: LDLT
162	LDLT_dt_rcx	Num	8	Recipient intraop: LDLT date
163	rcp_age_tx_rcx	Num	8	Recipient at transplant: age
164	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)
165	rcp_unospix_id_rcx	Num	8	Recipient study information: PX ID

Num	Variable	Type	Len	Label
166	CoreHCVAssessDate	Num	8	A:1 [ Post-LT Follow Up] : Date of cirrhosis assessment
167	dnr_unoscrypt_don_id_rcx	Num	8	Donor study information: UNOS encrypted donor ID
168	dnr_unosdon_id_rcx	Char	7	Donor study information: UNOS Don ID
169	dnr_age_donate_rcx	Num	8	Donor intraop: age at donation
170	dnr_age_donate_rcx_srs	Num	8	
171	rcp_LeftLobe	Num	8	
172	rcp_pers_id_rcx	Num	8	Recipients SRTR PERS ID
173	Rcp_Death_dt_rcx	Num	8	Recipient assessment: death date
174	Rcp_Death_dt_rcx_srs	Num	8	Recipient assessment: death date, A2ALL supplemented w/SRTR
175	Rcp_Retxp_dt_c	Num	8	
176	Rcp_Retxp_dt_rcx	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant
177	Rcp_Retxp_dt_rcx_srs	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant, A2ALL supplemented w/SRTR
178	rcp_EndCompleteFu_dt_rcx	Num	8	Last date of active follow up in A2ALL
179	rcp_EndPatientFu_dt_rcx	Num	8	Last date of known patient survival status
180	rcp_EndPatientFu_dt_rcx_srs	Num	8	Last date of known patient survival status, A2ALL supplemented w/SRTR
181	rcp_EndGraftFu_dt_rcx	Num	8	Last date of known graft survival status
182	rcp_EndGraftFu_dt_rcx_srs	Num	8	Last date of known graft survival status, A2ALL supplemented w/SRTR
183	rcp_grftfail_cx	Num	8	Recipient post-transplant assessment: graft failed
184	rcp_grftfail_prim_cx	Num	8	Recipient post-transplant assessment: Primary Cause of graft failure
185	rcp_grftfail_prim_spec_cx	Char	200	Recipient post-transplant assessment: Primary Cause of graft failure, specify other
186	rcp_grftfail_sec_cx	Num	8	Recipient post-transplant assessment: Secondary Cause of graft failure
187	rcp_grftfail_sec_spec_cx	Char	200	Recipient post-transplant assessment: Secondary Cause of graft failure, specify other
188	rcp_codprim_rcx	Num	8	Recipient assessment: Primary Cause of Death
189	rcp_codsec_rcx	Num	8	Recipient assessment: Secondary Cause of Death
190	rcp_ht_m_rcx	Num	8	Recipient at dnr eval: height (m)
191	rcp_ht_m_rcx_srs	Num	8	Recipient at dnr eval: height (m) A2ALL supplemented w/SRTR
192	rcp_wt_kg_tx_rcx	Num	8	Recipient at transplant: weight (kg)
193	rcp_wt_kg_tx_rcx_srs	Num	8	Recipient at transplant: weight (kg), A2ALL supplemented w/SRTR
194	rcp_bmi_tx_rcx	Num	8	Recipient at transplant: bmi (kg/m2)
195	rcp_bmi_tx_rcx_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
196	rcp_age_tx_rcx_srs	Num	8	Recipient at transplant: age, A2ALL supplemented w/SRTR

**Data Set Name: rcp\_basic\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient resp id
2	dnr_resp_id_r	Num	8	Donor resp ID in Retro
3	dnr_a2all_id_r	Char	5	Donor ID in Retro
4	dnr_pers_id_r	Num	8	Donor pers ID in Retro
5	dnr_site_id_r	Num	8	Donor site ID in Retro
6	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
7	rcp_retxp_dt_r	Num	8	Recipient graft outcomes: Date of re-transplant
8	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
9	site_id_r	Num	8	Recipient site ID in Retro
10	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
11	rcp_coh_dgn_HCC_exp_only_r	Num	8	HCC at explant: HCC found at explant only
12	rcp_retrolabel_c	Num	8	Recipient study entry: what is this recipient subjects Retro BioDBx Subject Label?
13	a2all_id_c	Char	6	Unique patient ID in Cohort
14	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
15	site_id_c	Num	8	Recipient site ID in Cohort
16	rcp_initiation_c	Num	8	Recipient study entry: Cohort site initiation date
17	withdraw_dt_c	Num	8	Recipient PHI: Date of withdrawal from study
18	rcp_grftfail_prim_spec_c	Char	76	Recipient post-transplant assessment: Primary Cause of graft failure, specify other
19	rcp_grftfail_sec_spec_c	Char	76	Recipient post-transplant assessment: Secondary Cause of graft failure, specify other
20	rcp_grftfail_dt_c	Num	8	Recipient post-transplant assessment: Date of graft failure
21	rcp_grftfail_c	Num	8	Recipient post-transplant assessment: graft failed
22	dnr_site_id_c	Num	8	Donor site ID in Cohort
23	dnr_unosdon_id_c	Char	14	Donor intraop: PXID Number (UNOS Don_id):
24	inr	Num	8	in Retro database
25	inc	Num	8	in Cohort database
26	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
27	ID_LADR_c	Num	8	LADR study subject (exclude screen failure): 1=yes, 0=no
28	ID_GR2HCC_c	Num	8	GR2HCC study subject: 1=yes, 0=no
29	ID_GRITS_c	Num	8	GRITS study subject: 1=yes, 0=no
30	ID_COHORT_c	Num	8	Cohort study subject: 1=yes, 0=no
31	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
32	dnr_a2all_id_c	Char	6	Donor ID in Cohort
33	rcp_pers_id_rc	Num	8	Recipient SRTR ID

Num	Variable	Type	Len	Label
34	dnr_bmi_ev_rc	Num	8	Donor BMI at evaluation in Retro or Cohort
35	rcp_gender_rc	Num	8	Recipient study entry: gender
36	rcp_abo_rc	Num	8	Recipient study entry: blood type
37	rcp_ethnic_rc	Num	8	Recipient study entry: ethnicity
38	rcp_race_rc	Num	8	Recipient study entry: race
39	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date
40	rcp_dob_rc	Num	8	Recipient at dnr eval: date of birth
41	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
42	rcp_age_tx_rc	Num	8	Recipient at transplant: age
43	rcp_ht_m_rc	Num	8	Recipient at dnr eval: height (m)
44	rcp_ht_m_rc_srs	Num	8	Recipient at dnr eval: height (m), A2ALL supplemented w/SRTR
45	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
46	rcp_bsa_ev_rc	Num	8	Recipient at dnr eval: Body Surface Area (m2)
47	rcp_bsa_ev_rc_srs	Num	8	Recipient at dnr eval: Body Surface Area (m2), A2ALL supplemented w/SRTR
48	rcp_slv_Urata_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (706.2*BSA+2.4) - Urata
49	rcp_slv_Heineman_rc	Num	8	Recipient at dnr eval: Standard Liver Volume (1072.8*BSA - 345.7) - Heineman
50	rcp_wt_kg_tx_rc	Num	8	Recipient at transplant: weight (kg)
51	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
52	rcp_bmi_ev_rc_srs	Num	8	Recipient at dnr eval: bmi (kg/m2), A2ALL supplemented w/SRTR
53	rcp_bmi_tx_rc	Num	8	Recipient at transplant: bmi (kg/m2)
54	rcp_bmi_tx_rc_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR
55	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
56	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
57	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
58	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
59	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
60	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
61	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcholic Cirrhosis
62	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
63	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
64	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
65	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
66	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
67	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
68	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC
69	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases



Num	Variable	Type	Len	Label
70	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
71	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
72	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
73	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
74	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
75	rcp_core_dgn_acutefail_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Liver Failure (merges with Core)
76	rcp_core_dgn_nonhccmalig_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
77	rcp_core_dgn_metabolic_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
78	rcp_core_dgn_alccirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcohol-related Cirrhosis (merges with Core)
79	rcp_core_dgn_hcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
80	rcp_core_dgn_hcc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
81	rcp_core_dgn_oth_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
82	rcp_core_dgn_cryptocirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cryptogenic Cirrhosis (merges with Core)
83	rcp_core_dgn_pbc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PBC (merges with Core)
84	rcp_core_dgn_psc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PSC (merges with Core)
85	rcp_core_dgn_autoimmhcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
86	rcp_core_dgn_hbv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
87	rcp_core_dgn_hemochrom_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
88	rcp_core_dgn_acutefail_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
89	rcp_core_dgn_nonhccmalig_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
90	rcp_core_dgn_metabolic_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
91	rcp_core_dgn_alccirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
92	rcp_core_dgn_hcv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
93	rcp_core_dgn_hcc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
94	rcp_core_dgn_oth_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
95	rcp_core_dgn_cryptocirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
96	rcp_core_dgn_pbc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)

Num	Variable	Type	Len	Label
97	rcp_core_dgn_psc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
98	rcp_core_dgn_autoimmhep_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
99	rcp_core_dgn_hbv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
100	rcp_core_dgn_hemochrom_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
101	LDLT_rc	Num	8	Recipient intraop: LDLT
102	LDLT_rc_srs	Num	8	Recipient intraop: LDLT, A2ALL supplemented w/SRTR
103	DDLT_rc	Num	8	Recipient intraop: DDLT
104	DDLT_rc_srs	Num	8	Recipient intraop: DDLT, A2ALL supplemented w/SRTR
105	rcp_surg_dt_rc	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
106	rcp_surg_dt_rc_srs	Num	8	Recipient intraop: date of surgery (incl. aborted procedure), A2ALL supplemented w/SRTR
107	LDLT_dt_rc	Num	8	Recipient intraop: LDLT date
108	LDLT_dt_rc_srs	Num	8	Recipient intraop: LDLT date, A2ALL supplemented w/SRTR
109	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
110	DDLT_dt_rc_srs	Num	8	Recipient intraop: DDLT date, A2ALL supplemented w/SRTR
111	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
112	rcp_txp_dt_rc_srs	Num	8	Recipient intraop: Transplant date (non-aborted procedure), A2ALL supplemented w/SRTR
113	domino_rc	Num	8	Recipient intraop: Domino transplant recipient
114	rcp_leftlobe_rc	Num	8	Recipient intraop: left lobe recipient
115	rcp_died_rc	Num	8	Recipient assessment: died
116	rcp_died_rc_srs	Num	8	Recipient assessment: died, A2ALL supplemented w/SRTR
117	rcp_death_dt_rc	Num	8	Recipient assessment: date of death
118	rcp_death_dt_rc_srs	Num	8	Recipient assessment: date of death, A2ALL supplemented w/SRTR
119	rcp_retxp_rc	Num	8	Recipient post-transplant assessment: retransplantation?
120	rcp_retxp_dt_rc_srs	Num	8	Recipient post-transplant assessment: date of retransplantation, A2ALL supplemented w/SRTR
121	rcp_lastfu_dt_rc	Num	8	Recipient assessment: date of last follow-up
122	rcp_lastfu_dt_rc_srs	Num	8	Recipient assessment: date of last follow-up, A2ALL supplemented w/SRTR
123	rcp_case_rc	Num	8	Recipient: LDLT case number at center
124	dnr_id_char	Char	6	Donor ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
125	dnr_age_donate_rc	Num	8	Donor age
126	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
127	dnr_ID	Char	6	Donor ID that links Retro, Cohort, and Core data: =Retro donor id if in Retro only =Cohort donor ID if in Cohort (it may be in Retro or Core) =Core donor ID if in Core only
128	dnr_age_donate_rc_srs	Num	8	Donor age, SRTR supplemented

Num	Variable	Type	Len	Label
129	hcc_hcc_ex_r	Num	8	HCC at explant: Was HCC found on explant pathology?
130	hcc_hcc_ex_c	Num	8	HCC at explant: Was the HCC an incidental finding?
131	rcp_abort_io_rc	Num	8	Recipient intraop: Was the transplant procedure aborted before completion?
132	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
133	rcp_grftfail_prim_r	Num	8	Recipient graft outcomes: Primary Cause of graft failure
134	rcp_grftfail_sec_r	Num	8	Recipient graft outcomes: Secondary Cause of graft failure
135	rcp_grftfail_prim_c	Num	8	Recipient post-transplant assessment: Primary Cause of graft failure
136	rcp_grftfail_sec_c	Num	8	Recipient post-transplant assessment: Secondary Cause of graft failure
137	rcp_codprim_rc	Num	8	Recipient assessment: primary cause of death
138	rcp_codsec_rc	Num	8	Recipient assessment: secondary cause of death
139	rcp_codtert_rc	Num	8	Recipient assessment: tertiary cause of death
140	rcp_pxid_rc	Num	8	Recipient study information: PX ID

**Data Set Name: rcp\_comp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_comp_type_rcx	Char	80	Recipient complication: complication type
2	rcp_comp_morb_abprbc_r	Num	8	Recipient morbidity: If yes to intra-abdominal bleed, Number of Units of RBCs Transfused
3	rcp_comp_morb_gibldcau_r	Char	57	Recipient morbidity: If not ulcer, specify cause of GI bleed
4	rcp_comp_morb_giprbc_r	Num	8	Recipient morbidity: Number of Units of RBCs Transfused for GI bleed (enter 0 for none)
5	rcp_comp_morb_ileusleng_r	Num	8	Recipient morbidity: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
6	rcp_comp_rform	Num	8	Recipient complication form recorded in Retro
7	rcp_comp_onset_rcx	Num	8	Recipient complication severity: Date of Onset
8	rcp_comp_doa_c	Num	8	Recipient complication: Date of Assessment:
9	rcp_comp_locother_c	Char	117	Recipient complication: Specify other location of infection:
10	rcp_comp_ileus_c	Num	8	Recipient complication: Duration of ileus (time from diagnosis to resumption of oral food intake)
11	rcp_comp_bacother_c	Char	117	Recipient complication: Other bacterial infection (specify):
12	rcp_comp_virother_c	Char	117	Recipient complication: Other viral infection (specify):
13	rcp_comp_fungoth_c	Char	117	Recipient complication: Other fungal infection (specify):
14	rcp_comp_prototoh_c	Char	117	Recipient complication: Other protozoal infection (specify):
15	rcp_comp_admitdt_c	Num	8	Recipient complication: What was the date of hospital admission?
16	rcp_comp_cform	Num	8	Recipient complication form recorded in Cohort
17	rcp_comp_resol_rc	Num	8	Recipient complication: Has the complication resolved?
18	rcp_comp_worse_rc	Num	8	Recipient complication: Did the complication get worse? (requiring frequent/varied/continued intervention in an effort to control the complication or its sequelae)
19	rcp_comp_med_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was it necessary to treat the complication with medications?
20	rcp_comp_proc_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication require a procedure or intervention?
21	rcp_comp_proctype_rc	Num	8	Recipient complication: Type of intervention or procedure:
22	rcp_comp_transfuse_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the patient receive a blood transfusion associated with this complication?
23	rcp_comp_bldunit_rc	Num	8	Recipient complication: Number of units of blood transfused:
24	rcp_comp_icu_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patients stay in the ICU prolonged >5 days?
25	rcp_comp_longstay_rc	Num	8	Recipient complication: At onset or since the last assessment, was the patient required to stay in the hospital >4 weeks (initial transplant surgery hospitalization) or 14 days (subsequent post-transplant admission) total?
26	rcp_comp_disab_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication cause the patient to experience residual disability or disease?

Num	Variable	Type	Len	Label
27	rcp_comp_relist_rc	Num	8	Recipient complication: At onset or since the last assessment, did the complication result in liver complications that caused the patient to be listed as a candidate for another liver transplant?
28	rcp_comp_relistdt_rc	Num	8	Recipient complication: Date of re-listing:
29	rcp_comp_retxp_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver failure that led to re-transplantation
30	rcp_comp_death_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the patient die as a result of this complication?
31	rcp_comp_grade_rc	Num	8	Recipient complication: Clavien grade
32	ID_char	Char	6	Patient ID that links Retro and Cohort data: <span style="float: right;">=Retro</span> ID if in Retro (it may be in Cohort) <span style="float: right;">=Cohort ID if in</span> Cohort only
33	rcp_resp_id_r	Num	8	Recipient resp id
34	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
35	a2all_id_c	Char	6	Unique patient ID in Cohort
36	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: <span style="float: right;">=Retro resp_id if in</span> Retro only <span style="float: right;">=Cohort ID if in Cohort (it may be in Retro or Core)</span> =Core ID if in Core only
37	rcp_comp_medtype_r	Num	8	Recipient complication severity: If yes to Medications Required for Treatment, Type of Medications
38	rcp_comp_morb_ulcer_r	Num	8	Recipient morbidity: GI bleed caused by an Ulcer
39	rcp_comp_morb_varice_r	Num	8	Recipient morbidity: GI bleed caused by varices
40	rcp_comp_hospons_c	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patient hospitalized?
41	rcp_comp_icuyesno_c	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patient admitted to the ICU as a result of this complication?
42	rcp_comp_inf_c	Num	8	Recipient complication: Type of infection:
43	rcp_comp_inftype_c	Num	8	Recipient complication: If 'yes' to infection: Type of infection:
44	rcp_comp_bactype_c	Num	8	Recipient complication: Type of bacterial infection:
45	rcp_comp_virtype_c	Num	8	Recipient complication: Type of viral infection:
46	rcp_comp_fungtype_c	Num	8	Recipient complication: Type of fungal infection:
47	rcp_comp_prototype_c	Num	8	Recipient complication: Type of protozoal infection
48	rcp_comp_asstype_c	Num	8	Recipient complication: Type of Assessment:
49	a2all_id_x	Char	6	Patient ID in Core
50	rcp_comp_ongoing_x	Num	8	Recipient complication: complication ongoing?
51	rcp_comp_xform	Num	8	Recipient compitalization form recorded in Core
52	rcp_comp_resdate_cx	Num	8	Recipient complication: Date of complication resolution:

**Data Set Name: rcp\_comp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_comp_type_rc	Char	80	Recipient complication: complication type
2	rcp_comp_morb_abprbc_r	Num	8	Recipient morbidity: If yes to intra-abdominal bleed, Number of Units of RBCs Transfused
3	rcp_comp_morb_gibldcau_r	Char	57	Recipient morbidity: If not ulcer, specify cause of GI bleed
4	rcp_comp_morb_giprbc_r	Num	8	Recipient morbidity: Number of Units of RBCs Transfused for GI bleed (enter 0 for none)
5	rcp_comp_morb_ileusleng_r	Num	8	Recipient morbidity: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
6	rcp_comp_rform	Num	8	Recipient complication form recorded in Retro
7	rcp_comp_onset_rc	Num	8	Recipient complication severity: Date of Onset
8	rcp_comp_doa_c	Num	8	Recipient complication: Date of Assessment:
9	rcp_comp_locother_c	Char	117	Recipient complication: Specify other location of infection:
10	rcp_comp_ileus_c	Num	8	Recipient complication: Duration of ileus (time from diagnosis to resumption of oral food intake)
11	rcp_comp_bacother_c	Char	117	Recipient complication: Other bacterial infection (specify):
12	rcp_comp_virother_c	Char	117	Recipient complication: Other viral infection (specify):
13	rcp_comp_fungoth_c	Char	117	Recipient complication: Other fungal infection (specify):
14	rcp_comp_prototh_c	Char	117	Recipient complication: Other protozoal infection (specify):
15	rcp_comp_admitdt_c	Num	8	Recipient complication: What was the date of hospital admission?
16	rcp_comp_resdate_c	Num	8	Recipient complication: Date of complication resolution:
17	rcp_comp_cform	Num	8	Recipient complication form recorded in Cohort
18	rcp_comp_resol_rc	Num	8	Recipient complication: Has the complication resolved?
19	rcp_comp_worse_rc	Num	8	Recipient complication: Did the complication get worse? (requiring frequent/varied/continued intervention in an effort to control the complication or its sequelae)
20	rcp_comp_med_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was it necessary to treat the complication with medications?
21	rcp_comp_proc_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication require a procedure or intervention?
22	rcp_comp_proctype_rc	Num	8	Recipient complication: Type of intervention or procedure:
23	rcp_comp_transfuse_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the patient receive a blood transfusion associated with this complication?
24	rcp_comp_bldunit_rc	Num	8	Recipient complication: Number of units of blood transfused:
25	rcp_comp_icu_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patients stay in the ICU prolonged >5 days?
26	rcp_comp_longstay_rc	Num	8	Recipient complication: At onset or since the last assessment, was the patient required to stay in the hospital >4 weeks (initial transplant surgery hospitalization) or 14 days (subsequent post-transplant admission) total?
27	rcp_comp_disab_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication cause the patient to experience residual disability or disease?

Num	Variable	Type	Len	Label
28	rcp_comp_relist_rc	Num	8	Recipient complication: At onset or since the last assessment, did the complication result in liver complications that caused the patient to be listed as a candidate for another liver transplant?
29	rcp_comp_relistdt_rc	Num	8	Recipient complication: Date of re-listing:
30	rcp_comp_retxp_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the complication result in liver failure that led to re-transplantation
31	rcp_comp_death_rc	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, did the patient die as a result of this complication?
32	rcp_comp_grade_rc	Num	8	Recipient complication: Clavien grade
33	ID_char	Char	6	Patient ID that links Retro and Cohort data: ID if in Retro (it may be in Cohort) Cohort only =Retro =Cohort ID if in
34	rcp_resp_id_r	Num	8	Recipient resp id
35	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
36	a2all_id_c	Char	6	Unique patient ID in Cohort
37	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only =Retro resp_id if in
38	rcp_comp_medtype_r	Num	8	Recipient complication severity: If yes to Medications Required for Treatment, Type of Medications
39	rcp_comp_morb_ulcer_r	Num	8	Recipient morbidity: GI bleed caused by an Ulcer
40	rcp_comp_morb_varice_r	Num	8	Recipient morbidity: GI bleed caused by varices
41	rcp_comp_hospons_c	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patient hospitalized?
42	rcp_comp_icuyesno_c	Num	8	Recipient complication: At onset (if documenting onset on this form), or since the last assessment, was the patient admitted to the ICU as a result of this complication?
43	rcp_comp_inf_c	Num	8	Recipient complication: Type of infection:
44	rcp_comp_inftype_c	Num	8	Recipient complication: If 'yes' to infection: Type of infection:
45	rcp_comp_bactype_c	Num	8	Recipient complication: Type of bacterial infection:
46	rcp_comp_virtype_c	Num	8	Recipient complication: Type of viral infection:
47	rcp_comp_fungtype_c	Num	8	Recipient complication: Type of fungal infection:
48	rcp_comp_prototype_c	Num	8	Recipient complication: Type of protozoal infection
49	rcp_comp_asstype_c	Num	8	Recipient complication: Type of Assessment:

**Data Set Name: rcp\_dnreval\_enroll\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Subject ID
2	rcp_status1_en_x	Num	8	Recipient at enrollment: Is recipient ranked as status 1?
3	rcp_hiv_en_x	Num	8	Recipient at enrollment: HIV results closest to date of enrollment
4	rcp_core_dgn_HCV_en_x	Num	8	A: [ RCP Condition at Enrollment] : Hepatitis C Virus Cirrhosis (HCV)
5	rcp_core_dgn_HCC_en_x	Num	8	A: [ RCP Condition at Enrollment] : Hepatocellular Carcinoma (HCC)
6	rcp_core_dgn_nonhccmalig_en_x	Num	8	A: [ RCP Condition at Enrollment] : Primary Hepatic Malignancy other than HCC
7	rcp_core_dgn_alccirr_en_x	Num	8	A: [ RCP Condition at Enrollment] : Alcohol-related Cirrhosis
8	rcp_core_dgn_cryptocirr_en_x	Num	8	A: [ RCP Condition at Enrollment] : Cryptogenic Cirrhosis
9	rcp_core_dgn_pbc_en_x	Num	8	A: [ RCP Condition at Enrollment] : PBC
10	rcp_core_dgn_psc_en_x	Num	8	A: [ RCP Condition at Enrollment] : PSC
11	rcp_core_dgn_autoimmhep_en_x	Num	8	A: [ RCP Condition at Enrollment] : Cirrhosis due to Autoimmune Hepatitis
12	rcp_core_dgn_hbv_en_x	Num	8	A: [ RCP Condition at Enrollment] : Hepatitis B Cirrhosis
13	rcp_core_dgn_hemochrom_en_x	Num	8	A: [ RCP Condition at Enrollment] : Cirrhosis due to Primary Hemochromatosis
14	rcp_core_dgn_acutefail_en_x	Num	8	A: [ RCP Condition at Enrollment] : Acute Liver Failure (any etiology)
15	rcp_core_dgn_metabolic_en_x	Num	8	A: [ RCP Condition at Enrollment] : Metabolic Liver Disease other than Primary Hemochromatosis
16	rcp_core_dgn_oth_en_x	Num	8	A: [ RCP Condition at Enrollment] : Other Chronic Liver Disease/Cirrhosis
17	rcp_dial_en_x	Num	8	Recipient at enrollment: on dialysis
18	rcp_creat_en_x	Num	8	Recipient at enrollment: creatinine (mg/dl)
19	rcp_creat_en_nd_x	Num	8	Recipient at enrollment: Serum creatinine Not Done at enrollment
20	rcp_alb_en_nd_x	Num	8	Recipient at enrollment: Albumin Not Done
21	rcp_alb_en_x	Num	8	Recipient at enrollment: total serum albumin closest to enrollment (g/dl)
22	rcp_bili_en_x	Num	8	Recipient at enrollment: total bilirubin closest to enrollment (mg/dl)
23	rcp_bili_en_nd_x	Num	8	Recipient at enrollment: Total bilirubin Not Done
24	rcp_inr_en_x	Num	8	Recipient at enrollment: INR closest to enrollment
25	rcp_inr_en_nd_x	Num	8	Recipient at enrollment: INR Not Done
26	rcp_ast_en_x	Num	8	Recipient at enrollment: Serum AST closest to time of enrollment (IU/L)
27	rcp_ast_en_nd_x	Num	8	Recipient at enrollment: AST Not Done
28	rcp_alt_en_x	Num	8	Recipient at enrollment: Serum ALT closest to time of enrollment (IU/L)
29	rcp_alt_en_nd_x	Num	8	Recipient at enrollment: ALT Not Done
30	rcp_alk_en_x	Num	8	Recipient at enrollment: Serum Alkaline Phosphatase (ALK) closest to time of enrollment (IU/L)
31	rcp_alk_en_nd_x	Num	8	Recipient at enrollment: Alkaline Phosphate Not Done
32	rcp_na_en_x	Num	8	Recipient at enrollment: Serum sodium closest to time of enrollment (MEq/L)
33	rcp_na_en_nd_x	Num	8	Recipient at enrollment: Serum sodium Not Done
34	rcp_bun_en_x	Num	8	Recipient at enrollment: Blood urea nitrogen (BUN) closest to time of enrollment (mg/dl)



Num	Variable	Type	Len	Label
35	rcp_bun_en_nd_x	Num	8	Recipient at enrollment: Blood urea nitrogen (BUN) Not Done
36	rcp_hgb_en_x	Num	8	Recipient at enrollment: Hemoglobin (Hgb) closest to time of enrollment (g/dl)
37	rcp_hgb_en_nd_x	Num	8	Recipient at enrollment: Hemoglobin (Hgb) Not Done
38	rcp_wbc_en_x	Num	8	Recipient at enrollment: White blood count (WBC) closest to time of enrollment ( $10^3/\text{mm}^3$ )
39	rcp_wbc_en_nd_x	Num	8	Recipient at enrollment: White blood count (WBC) Not Done
40	rcp_plate_en_x	Num	8	Recipient at enrollment: Platelet count closest to time of enrollment ( $10^3/\text{mm}^3$ )
41	rcp_plate_en_nd_x	Num	8	Recipient at enrollment: Platelet count Not Done
42	rcp_img_dt_en_x	Num	8	Recipient at enrollment: Date of imaging
43	rcp_lvol_en_x	Num	8	Recipient at enrollment: Liver volume (CT or MR)
44	rcp_spleenvol_en_x	Num	8	Recipient at enrollment: Spleen Volume (CT or MR)
45	rcp_meld_en_x	Num	8	Core MELD at enrollment (max 40)
46	hcv_priortx_spec_ev_rc	Char	40	HCV at dnr eval: HCV treatment of other type prior to dnr eval: specify
47	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
48	hcc_afp_ev_r	Num	8	HCC at dnr eval: AFP result closest to dnr eval (ng/ml)
49	hcv_alt_ev_r	Num	8	HCV at dnr eval: Serum Alanine Aminotransferase (ALT) closest to dnr eval
50	hcv_alk_ev_r	Num	8	HCV at dnr eval: Serum Alkaline Phosphate (ALK PHOS) closest to dnr eval
51	hcv_ast_ev_r	Num	8	HCV at dnr eval: Serum Aspartate Transaminase (AST) closest to dnr eval
52	hcc_sz6_ev_c	Num	8	HCC at dnr eval: Size of nodule 6 (cm)
53	hcc_scan_date_ev_c	Num	8	HCC at dnr eval: Date of the last abdominal CT scan or MRI that occurred prior to dnr eval used to stage HCC
54	rcp_afp_ev_c	Num	8	Recipient at dnr eval: AFP closest to dnr eval
55	rcp_na_ev_c	Num	8	Recipient at dnr eval: Serum sodium value closest to dnr eval
56	rcp_alt_ev_c	Num	8	Recipient at dnr eval: Serum ALT closest to dnr eval (IU/L)
57	rcp_alk_ev_c	Num	8	Recipient at dnr eval: Serum Alkaline Phosphate (ALK) value closest to dnr eval (IU/L)
58	rcp_ast_ev_c	Num	8	Recipient at dnr eval: Serum AST closest to dnr eval (IU/L)
59	rcp_diabp_ev_c	Num	8	Recipient at dnr eval: diastolic BP at dnr eval
60	rcp_otherins_ev_c	Char	44	Recipient at dnr eval: Specify "other" primary payment source
61	rcp_prevtx1_date_c	Num	8	Recipient study entry: 1st liver transplant date
62	rcp_prevtx2_date_c	Num	8	Recipient study entry: 2nd liver transplant date
63	rcp_prevtx3_date_c	Num	8	Recipient study entry: 3rd liver transplant date
64	rcp_pt_ev_c	Num	8	Recipient at dnr eval: PT closest to dnr eval
65	rcp_systbp_ev_c	Num	8	Recipient at dnr eval: systolic BP
66	rcp_whatstudy_c	Char	108	Recipient study entry: If the subject is a participant in another study, what is the name of the study?
67	rcp_cancelation_c	Char	35	Recipient PHI: Removed from study?
68	rcp_cancel_cause_c	Char	200	Recipient PHI: Reason for removal from study
69	rcp_residence_rc	Num	8	Recipient at dnr eval: state of permanent residence

Num	Variable	Type	Len	Label
70	rcp_education_rc	Num	8	Recipient at dnr eval: highest education level
71	rcp_cond_ev_rc	Num	8	Recipient at dnr eval: medical condition
72	rcp_vent_ev_rc	Num	8	Recipient at dnr eval: on ventilator?
73	rcp_employ_ev_rc	Num	8	Recipient at dnr eval: employment status
74	rcp_fxn_ev_rc	Num	8	Recipient at dnr eval: functional status
75	rcp_alb_ev_rc	Num	8	Recipient at dnr eval: total serum albumin closest to dnr eval (g/dl)
76	rcp_creat_ev_rc	Num	8	Recipient at dnr eval: serum creatinine closest to dnr eval (mg/dl)
77	rcp_bili_ev_rc	Num	8	Recipient at dnr eval: total bilirubin closest to dnr eval (mg/dl)
78	rcp_inr_ev_rc	Num	8	Recipient at dnr eval: INR closest to dnr eval
79	rcp_meld_ev_rc	Num	8	Recipient at dnr eval: MELD
80	rcp_enceph_ev_rc	Num	8	Recipient at dnr eval: encephalopathy prior to dnr eval
81	rcp_varibleed_ev_rc	Num	8	Recipient at dnr eval: variceal bleeding prior to dnr eval
82	rcp_ascites_ev_rc	Num	8	Recipient at dnr eval: ascites prior to dnr eval
83	rcp_prevabdsurg_ev_rc	Num	8	Recipient at dnr eval: previous upper abdominal surgery prior to dnr eval
84	rcp_chole_ev_rc	Num	8	Recipient at dnr eval: cholecystectomy prior to dnr eval
85	rcp_giresect_ev_rc	Num	8	Recipient at dnr eval: gastric resection prior to dnr eval
86	rcp_sbresect_ev_rc	Num	8	Recipient at dnr eval: small bowel resection prior to dnr eval
87	rcp_typesbdsurg_ev_rc	Char	132	Recipient at dnr eval: Upper Abdominal Surgery, Other (specify)
88	rcp_sbp_ev_rc	Num	8	Recipient at dnr eval: spontaneous bacterial peritonitis prior to dnr eval
89	rcp_tips_ev_rc	Num	8	Recipient at dnr eval: history of TIPSS prior to dnr eval
90	rcp_dm_ev_rc	Num	8	Recipient at dnr eval: diabetes mellitus
91	rcp_dmtx_ev_rc	Num	8	Recipient at dnr eval: diabetes treatment
92	rcp_dialy_ev_rc	Num	8	Recipient at dnr eval: dialysis
93	rcp_cad_ev_rc	Num	8	Recipient at dnr eval: angina/coronary artery disease prior to dnr eval
94	rcp_htn_ev_rc	Num	8	Recipient at dnr eval: drug treated systemic hypertension
95	hcc_locate_ev_rc	Num	8	HCC at dnr eval: HCC location
96	hcc_nodes_ev_rc	Num	8	HCC at dnr eval: number of HCC Nodules in the liver
97	hcc_sz1_ev_rc	Num	8	HCC at dnr eval: size of nodule 1 (cm)
98	hcc_sz2_ev_rc	Num	8	HCC at dnr eval: size of nodule 2 (cm)
99	hcc_sz3_ev_rc	Num	8	HCC at dnr eval: size of nodule 3 (cm)
100	hcc_sz4_ev_rc	Num	8	HCC at dnr eval: size of nodule 4 (cm)
101	hcc_sz5_ev_rc	Num	8	HCC at dnr eval: size of nodule 5 (cm)
102	hcc_vascin_ev_rc	Num	8	HCC at dnr eval: vascular invasion
103	hcc_locate1_ev_rc	Num	8	HCC at dnr eval: main portal vein
104	hcc_locate2_ev_rc	Num	8	HCC at dnr eval: right portal vein
105	hcc_locate3_ev_rc	Num	8	HCC at dnr eval: left portal vein
106	hcc_locate4_ev_rc	Num	8	HCC at dnr eval: right-sided branches
107	hcc_locate5_ev_rc	Num	8	HCC at dnr eval: left-sided branches
108	hcc_lymph_ev_rc	Num	8	HCC at dnr eval: evidence of HCC in regional lymph nodes

Num	Variable	Type	Len	Label
109	hcc_exhep_ev_rc	Num	8	HCC at dnr eval: cancer spread beyond the liver
110	hcc_ablate_ev_rc	Num	8	HCC at dnr eval: how many ablations had the patient received prior to dnr eval
111	hcc_abtype_ev_rc	Num	8	HCC at dnr eval: type of ablation at enrollment
112	hcc_restype_ev_rc	Num	8	HCC at dnr eval: if yes to resection, type of surgical resection prior to dnr eval
113	hcc_chemo_ev_rc	Num	8	HCC at dnr eval: chemotherapy treatment prior to dnr eval
114	hcc_chagent_adria_ev_rc	Num	8	HCC at dnr eval: adriamycin prior to dnr eval
115	hcc_chagent_cisplat_ev_rc	Num	8	HCC at dnr eval: cisplatin prior to dnr eval
116	hcc_chagent_comb_ev_rc	Num	8	HCC at dnr eval: combination chemotherapy prior to dnr eval
117	hcc_chagent_radio_ev_rc	Num	8	HCC at dnr eval: radiotherapy prior to dnr eval
118	hcc_chagent_unk_ev_rc	Num	8	HCC at dnr eval: chemotherapeutic agent unknown prior to dnr eval
119	hcc_chagent_other_ev_rc	Num	8	HCC at dnr eval: other chemotherapeutic agent prior to dnr eval
120	hcc_chagent_spec_ev_c	Char	33	HCC at dnr eval: specify other chemotherapeutic agent prior to dnr eval
121	hcc_tclass_ev_rc	Num	8	HCC at dnr eval: primary tumor classification at dnr eval
122	hcv_rna_ev_rc	Num	8	HCV at dnr eval: RNA result closest to dnr eval
123	hcv_rnadata_ev_rc	Num	8	HCV at dnr eval: date of HCV RNA
124	hcv_tx_ev_rc	Num	8	HCV at dnr eval: was the patient receiving anti-viral treatment
125	hcv_tdtype_ev_rc	Num	8	HCV at dnr eval: what type of HCV treatments was the patient receiving?
126	hcv_priortx_strd_int_ev_rc	Num	8	HCV at dnr eval: HCV treatment of standard interferon prior to dnr eval
127	hcv_priortx_peg_ev_rc	Num	8	HCV at dnr eval: HCV treatment of PEG interferon prior to dnr eval
128	hcv_priortx_riba_ev_rc	Num	8	HCV at dnr eval: HCV treatment of ribavirin prior to dnr eval
129	hcv_priortx_csns_ev_rc	Num	8	HCV at dnr eval: HCV treatment of consensus interferon prior to dnr eval
130	hcv_priortx_other_ev_rc	Num	8	HCV at dnr eval: HCV treatment of other type prior to dnr eval
131	hcv_txstart_dt_ev_rc	Num	8	HCV at dnr eval: start date of HCV treatment
132	hcv_txstop_dt_ev_r	Num	8	HCV at dnr eval: stop date of HCV treatment
133	hcv_prevtx_ev_rc	Num	8	HCV at dnr eval: HCV treatment prior to dnr eval
134	hcv_txleng_ev_rc	Num	8	HCV at dnr eval: what was the HCV treatment course prior to dnr eval
135	rcp_hcc_trigger_ev_r	Num	8	Recipient at dnr eval: Did you answer "yes" to HCC present? If so, you must fill out the "HCC Data at Enrollment" form
136	rcp_hcv_trigger_ev_r	Num	8	Recipient at dnr eval: Did you answer "yes" to HCV present? If so, you must fill out the "HCV Data at Enrollment" form
137	hcv_intx_ev_c	Num	8	HCV at dnr eval: (If "yes" to HCV treatment) Was the patient receiving interferon at dnr eval?
138	rcp_noafp_ev_c	Num	8	Recipient at dnr eval: AFP Not Done at dnr eval
139	rcp_noinr_ev_c	Num	8	Recipient at dnr eval: INR Not Done at dnr eval
140	rcp_nona_ev_c	Num	8	Recipient at dnr eval: Serum sodium Not Done at dnr eval
141	rcp_ulcerop_ev_c	Num	8	Recipient at dnr eval: Ulcer Operation prior to dnr eval
142	rcp_datainretro_c	Num	8	Recipient at dnr eval: This subject was a subject in the Retro study and the subjects condition at the dnr eval was recorded on the Retro form, RCP Condition
143	rcp_eligi_crit_c	Num	8	Recipient study entry: Recipient subject 18 years of age or older at dnr eval

Num	Variable	Type	Len	Label
144	rcp_hla_ev_c	Num	8	Recipient at dnr eval: Was HLA-ABDR antigen testing done?
145	rcp_liverlist_c	Num	8	Recipient study entry: Recipient subject was waitlisted for a liver transplant, and not for any additional organs?
146	rcp_noalb_ev_c	Num	8	Recipient at dnr eval: Albumin Not Done
147	rcp_noalk_ev_c	Num	8	Recipient at dnr eval: Alkaline Phosphate Not Done
148	rcp_noalt_ev_c	Num	8	Recipient at dnr eval: ALT Not Done
149	rcp_noast_ev_c	Num	8	Recipient at dnr eval: AST Not Done
150	rcp_nobili_ev_c	Num	8	Recipient at dnr eval: Total bilirubin Not Done
151	rcp_nocreat_ev_c	Num	8	Recipient at dnr eval: Serum creatinine Not Done
152	rcp_nopt_ev_c	Num	8	Recipient at dnr eval: PT Not Done
153	rcp_not_fulmi_c	Num	8	Recipient study entry: Reason for transplant is not fulminant liver failure
154	rcp_prevlivtx_c	Num	8	Recipient study entry: Has the subject ever had a liver transplant
155	hcc_alab_ev_c	Num	8	HCC at dnr eval: Alcohol ablation
156	hcc_chemoemb_ev_c	Num	8	HCC at dnr eval: Chemoembolization
157	hcc_chemoinf_ev_c	Num	8	HCC at dnr eval: Chemoinfusion
158	hcc_cryoabb_ev_c	Num	8	HCC at dnr eval: Cryotherapy
159	hcc_rfab_ev_c	Num	8	HCC at dnr eval: Radiofrequency ablation
160	hcc_surgresec_ev_c	Num	8	HCC at dnr eval: Surgical Resection prior to dnr eval
161	rcp_prevtx_num_c	Num	8	Recipient study entry: How many liver transplants has the subject had?
162	rcp_prevtx3_c	Num	8	Recipient study entry: 3rd liver transplant type
163	rcp_prevtx2_c	Num	8	Recipient study entry: 2nd liver transplant type
164	rcp_prevtx1_c	Num	8	Recipient study entry: 1st liver transplant type
165	rcp_otherstudy_ev_c	Num	8	Recipient study entry: Is the subject currently a participant in another research study
166	rcp_fxn_ev_r	Num	8	Recipient at dnr eval: functional status in Retro
167	rcp_hla_a1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-A antigen
168	rcp_hla_a2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-A antigen
169	rcp_hla_b1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-B antigen
170	rcp_hla_b2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-B antigen
171	rcp_hla_dr1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-DR antigen
172	rcp_hla_dr2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-DR antigen
173	rcp_fxn_ev_c	Num	8	Recipient at dnr eval: functional status in Cohort
174	rcp_ins_ev_c	Num	8	Recipient at dnr eval: Primary payment source
175	hcc_htc_ev_c	Num	8	HCC at dnr eval: What was the highest tumor score prior to dnr eval?
176	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
177	a2all_id_c	Char	6	Unique patient ID in Cohort
178	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
179	inr	Num	8	in Retro database
180	inc	Num	8	in Cohort database

Num	Variable	Type	Len	Label
181	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
182	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date
183	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
184	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
185	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
186	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
187	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
188	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
189	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
190	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
191	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
192	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcoholic Cirrhosis
193	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
194	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
195	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
196	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
197	rcp_wt_kg_en_x	Num	8	Recipient at enrollment: weight (kg)
198	rcp_bmi_en_x	Num	8	Recipient at enrollment: bmi
199	a2all_id_x	Char	6	Unique patient ID in Core
200	inx	Num	8	In Core database
201	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
202	rcp_gender_rcx	Num	8	Recipient at enrollment: gender
203	rcp_dob_rcx	Num	8	Recipient at enrollment: date of birth
204	rcp_abo_rcx	Num	8	Recipient at enrollment: blood type
205	rcp_ethnic_rcx	Num	8	Recipient at enrollment: ethnicity
206	rcp_race_rcx	Num	8	Recipient at enrollment: race
207	rcp_ht_m_rcx	Num	8	Recipient at dnr eval: height (m)

**Data Set Name: rcp\_eval\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	hcv_priortx_spec_ev_rc	Char	40	HCV at dnr eval: HCV treatment of other type prior to dnr eval: specify
2	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
3	hcc_afp_ev_r	Num	8	HCC at dnr eval: AFP result closest to dnr eval (ng/ml)
4	hcv_alt_ev_r	Num	8	HCV at dnr eval: Serum Alanine Aminotransferase (ALT) closest to dnr eval
5	hcv_alk_ev_r	Num	8	HCV at dnr eval: Serum Alkaline Phosphate (ALK PHOS) closest to dnr eval
6	hcv_ast_ev_r	Num	8	HCV at dnr eval: Serum Aspartate Transaminase (AST) closest to dnr eval
7	hcc_sz6_ev_c	Num	8	HCC at dnr eval: Size of nodule 6 (cm)
8	hcc_scan_date_ev_c	Num	8	HCC at dnr eval: Date of the last abdominal CT scan or MRI that occurred prior to dnr eval used to stage HCC
9	rcp_afp_ev_c	Num	8	Recipient at dnr eval: AFP closest to dnr eval
10	rcp_na_ev_c	Num	8	Recipient at dnr eval: erum sodium value closest to dnr eval
11	rcp_alt_ev_c	Num	8	Recipient at dnr eval: Serum ALT closest to dnr eval (IU/L)
12	rcp_alk_ev_c	Num	8	Recipient at dnr eval: Serum Alkaline Phosphate (ALK) value closest to dnr eval (IU/L)
13	rcp_ast_ev_c	Num	8	Recipient at dnr eval: Serum AST closest to dnr eval (IU/L)
14	rcp_diabp_ev_c	Num	8	Recipient at dnr eval: diastolic BP at dnr eval
15	rcp_otherins_ev_c	Char	44	Recipient at dnr eval: Specify "other" primary payment source
16	rcp_prevtx1_date_c	Num	8	Recipient study entry: 1st liver transplant date
17	rcp_prevtx2_date_c	Num	8	Recipient study entry: 2nd liver transplant date
18	rcp_prevtx3_date_c	Num	8	Recipient study entry: 3rd liver transplant date
19	rcp_pt_ev_c	Num	8	Recipient at dnr eval: PT closest to dnr eval
20	rcp_systbp_ev_c	Num	8	Recipient at dnr eval: systolic BP
21	rcp_whatstudy_c	Char	108	Recipient study entry: If the subject is a participant in another study, what is the name of the study?
22	rcp_cancelation_c	Char	35	Recipient PHI: Removed from study?
23	rcp_cancel_cause_c	Char	200	Recipient PHI: Reason for removal from study
24	rcp_residence_rc	Num	8	Recipient at dnr eval: state of permanent residence
25	rcp_education_rc	Num	8	Recipient at dnr eval: highest education level
26	rcp_cond_ev_rc	Num	8	Recipient at dnr eval: medical condition
27	rcp_vent_ev_rc	Num	8	Recipient at dnr eval: on ventilator?
28	rcp_employ_ev_rc	Num	8	Recipient at dnr eval: employment status
29	rcp_fxn_ev_rc	Num	8	Recipient at dnr eval: functional status
30	rcp_alb_ev_rc	Num	8	Recipient at dnr eval: total serum albumin closest to dnr eval (g/dl)
31	rcp_creat_ev_rc	Num	8	Recipient at dnr eval: serum creatinine closest to dnr eval (mg/dl)
32	rcp_bili_ev_rc	Num	8	Recipient at dnr eval: total bilirubin closest to dnr eval (mg/dl)
33	rcp_inr_ev_rc	Num	8	Recipient at dnr eval: INR closest to dnr eval
34	rcp_meld_ev_rc	Num	8	Recipient at dnr eval: MELD

Num	Variable	Type	Len	Label
35	rcp_enceph_ev_rc	Num	8	Recipient at dnr eval: encephalopathy prior to dnr eval
36	rcp_varibleed_ev_rc	Num	8	Recipient at dnr eval: variceal bleeding prior to dnr eval
37	rcp_ascites_ev_rc	Num	8	Recipient at dnr eval: ascites prior to dnr eval
38	rcp_prevabdsurg_ev_rc	Num	8	Recipient at dnr eval: previous upper abdominal surgery prior to dnr eval
39	rcp_chole_ev_rc	Num	8	Recipient at dnr eval: cholecystectomy prior to dnr eval
40	rcp_giresect_ev_rc	Num	8	Recipient at dnr eval: gastric resection prior to dnr eval
41	rcp_sbresect_ev_rc	Num	8	Recipient at dnr eval: small bowel resection prior to dnr eval
42	rcp_typesbdsurg_ev_rc	Char	132	Recipient at dnr eval: Upper Abdominal Surgery, Other (specify)
43	rcp_sbp_ev_rc	Num	8	Recipient at dnr eval: spontaneous bacterial peritonitis prior to dnr eval
44	rcp_tips_ev_rc	Num	8	Recipient at dnr eval: history of TIPSS prior to dnr eval
45	rcp_dm_ev_rc	Num	8	Recipient at dnr eval: diabetes mellitus
46	rcp_dmtx_ev_rc	Num	8	Recipient at dnr eval: diabetes treatment
47	rcp_dialy_ev_rc	Num	8	Recipient at dnr eval: dialysis
48	rcp_cad_ev_rc	Num	8	Recipient at dnr eval: angina/coronary artery disease prior to dnr eval
49	rcp_htn_ev_rc	Num	8	Recipient at dnr eval: drug treated systemic hypertension
50	hcc_locate_ev_rc	Num	8	HCC at dnr eval: HCC location
51	hcc_nodes_ev_rc	Num	8	HCC at dnr eval: number of HCC Nodules in the liver
52	hcc_sz1_ev_rc	Num	8	HCC at dnr eval: size of nodule 1 (cm)
53	hcc_sz2_ev_rc	Num	8	HCC at dnr eval: size of nodule 2 (cm)
54	hcc_sz3_ev_rc	Num	8	HCC at dnr eval: size of nodule 3 (cm)
55	hcc_sz4_ev_rc	Num	8	HCC at dnr eval: size of nodule 4 (cm)
56	hcc_sz5_ev_rc	Num	8	HCC at dnr eval: size of nodule 5 (cm)
57	hcc_vascin_ev_rc	Num	8	HCC at dnr eval: vascular invasion
58	hcc_locate1_ev_rc	Num	8	HCC at dnr eval: main portal vein
59	hcc_locate2_ev_rc	Num	8	HCC at dnr eval: right portal vein
60	hcc_locate3_ev_rc	Num	8	HCC at dnr eval: left portal vein
61	hcc_locate4_ev_rc	Num	8	HCC at dnr eval: right-sided branches
62	hcc_locate5_ev_rc	Num	8	HCC at dnr eval: left-sided branches
63	hcc_lymph_ev_rc	Num	8	HCC at dnr eval: evidence of HCC in regional lymph nodes
64	hcc_exhep_ev_rc	Num	8	HCC at dnr eval: cancer spread beyond the liver
65	hcc_ablate_ev_rc	Num	8	HCC at dnr eval: how many ablations had the patient received prior to dnr eval
66	hcc_abtype_ev_rc	Num	8	HCC at dnr eval: type of ablation at enrollment
67	hcc_restype_ev_rc	Num	8	HCC at dnr eval: if yes to resection, type of surgical resection prior to dnr eval
68	hcc_chemo_ev_rc	Num	8	HCC at dnr eval: chemotherapy treatment prior to dnr eval
69	hcc_chagent_adria_ev_rc	Num	8	HCC at dnr eval: adriamycin prior to dnr eval
70	hcc_chagent_cisplat_ev_rc	Num	8	HCC at dnr eval: cisplatin prior to dnr eval
71	hcc_chagent_comb_ev_rc	Num	8	HCC at dnr eval: combination chemotherapy prior to dnr eval
72	hcc_chagent_radio_ev_rc	Num	8	HCC at dnr eval: radiotherapy prior to dnr eval
73	hcc_chagent_unk_ev_rc	Num	8	HCC at dnr eval: chemotherapeutic agent unknown prior to dnr eval

Num	Variable	Type	Len	Label
74	hcc_chagent_other_ev_rc	Num	8	HCC at dnr eval: other chemotherapeutic agent prior to dnr eval
75	hcc_chagent_spec_ev_c	Char	33	HCC at dnr eval: specify other chemotherapeutic agent prior to dnr eval
76	hcc_tclass_ev_rc	Num	8	HCC at dnr eval: primary tumor classification at dnr eval
77	hcv_rna_ev_rc	Num	8	HCV at dnr eval: RNA result closest to dnr eval
78	hcv_rnadata_ev_rc	Num	8	HCV at dnr eval: date of HCV RNA
79	hcv_tx_ev_rc	Num	8	HCV at dnr eval: was the patient receiving anti-viral treatment
80	hcv_txtype_ev_rc	Num	8	HCV at dnr eval: what type of HCV treatments was the patient receiving?
81	hcv_priortx_strd_int_ev_rc	Num	8	HCV at dnr eval: HCV treatment of standard interferon prior to dnr eval
82	hcv_priortx_peg_ev_rc	Num	8	HCV at dnr eval: HCV treatment of PEG interferon prior to dnr eval
83	hcv_priortx_riba_ev_rc	Num	8	HCV at dnr eval: HCV treatment of ribavirin prior to dnr eval
84	hcv_priortx_csns_ev_rc	Num	8	HCV at dnr eval: HCV treatment of consensus interferon prior to dnr eval
85	hcv_priortx_other_ev_rc	Num	8	HCV at dnr eval: HCV treatment of other type prior to dnr eval
86	hcv_txstart_dt_ev_rc	Num	8	HCV at dnr eval: start date of HCV treatment
87	hcv_txstop_dt_ev_r	Num	8	HCV at dnr eval: stop date of HCV treatment
88	hcv_prevtx_ev_rc	Num	8	HCV at dnr eval: HCV treatment prior to dnr eval
89	hcv_txleng_ev_rc	Num	8	HCV at dnr eval: what was the HCV treatment course prior to dnr eval
90	rcp_hcc_trigger_ev_r	Num	8	Recipient at dnr eval: Did you answer "yes" to HCC present? If so, you must fill out the "HCC Data at Enrollment" form
91	rcp_hcv_trigger_ev_r	Num	8	Recipient at dnr eval: Did you answer "yes" to HCV present? If so, you must fill out the "HCV Data at Enrollment" form
92	hcv_intx_ev_c	Num	8	HCV at dnr eval: (If "yes" to HCV treatment) Was the patient receiving interferon at dnr eval?
93	rcp_noafp_ev_c	Num	8	Recipient at dnr eval: AFP Not Done at dnr eval
94	rcp_noinr_ev_c	Num	8	Recipient at dnr eval: INR Not Done at dnr eval
95	rcp_nona_ev_c	Num	8	Recipient at dnr eval: Serum sodium Not Done at dnr eval
96	rcp_ulcerop_ev_c	Num	8	Recipient at dnr eval: Ulcer Operation prior to dnr eval
97	rcp_datainretro_c	Num	8	Recipient at dnr eval: This subject was a subject in the Retro study and the subjects condition at the dnr eval was recorded on the Retro form, RCP Condition
98	rcp_eligi_crit_c	Num	8	Recipient study entry: Recipient subject 18 years of age or older at dnr eval
99	rcp_hla_ev_c	Num	8	Recipient at dnr eval: Was HLA-ABDR antigen testing done?
100	rcp_liverlist_c	Num	8	Recipient study entry: Recipient subject was waitlisted for a liver transplant, and not for any additional organs?
101	rcp_noalb_ev_c	Num	8	Recipient at dnr eval: Albumin Not Done
102	rcp_noalk_ev_c	Num	8	Recipient at dnr eval: Alkaline Phosphate Not Done
103	rcp_noalt_ev_c	Num	8	Recipient at dnr eval: ALT Not Done
104	rcp_noast_ev_c	Num	8	Recipient at dnr eval: AST Not Done
105	rcp_nobili_ev_c	Num	8	Recipient at dnr eval: Total bilirubin Not Done
106	rcp_nocreat_ev_c	Num	8	Recipient at dnr eval: Serum creatinine Not Done
107	rcp_nopt_ev_c	Num	8	Recipient at dnr eval: PT Not Done
108	rcp_not_fulmi_c	Num	8	Recipient study entry: Reason for transplant is not fulminant liver failure



Num	Variable	Type	Len	Label
109	rcp_prevlivtx_c	Num	8	Recipient study entry: Has the subject ever had a liver transplant
110	hcc_alab_ev_c	Num	8	HCC at dnr eval: Alcohol ablation
111	hcc_chemoemb_ev_c	Num	8	HCC at dnr eval: Chemoembolization
112	hcc_chemoinf_ev_c	Num	8	HCC at dnr eval: Chemoinfusion
113	hcc_cryoabb_ev_c	Num	8	HCC at dnr eval: Cryotherapy
114	hcc_rfab_ev_c	Num	8	HCC at dnr eval: Radiofrequency ablation
115	hcc_surgresec_ev_c	Num	8	HCC at dnr eval: Surgical Resection prior to dnr eval
116	rcp_prevtx_num_c	Num	8	Recipient study entry: How many liver transplants has the subject had?
117	rcp_prevtx3_c	Num	8	Recipient study entry: 3rd liver transplant type
118	rcp_prevtx2_c	Num	8	Recipient study entry: 2nd liver transplant type
119	rcp_prevtx1_c	Num	8	Recipient study entry: 1st liver transplant type
120	rcp_otherstudy_ev_c	Num	8	Recipient study entry: Is the subject currently a participant in another research study
121	rcp_fxn_ev_r	Num	8	Recipient at dnr eval: functional status in Retro
122	rcp_hla_a1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-A antigen
123	rcp_hla_a2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-A antigen
124	rcp_hla_b1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-B antigen
125	rcp_hla_b2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-B antigen
126	rcp_hla_dr1locus_ev_c	Num	8	Recipient at dnr eval: first HLA-DR antigen
127	rcp_hla_dr2locus_ev_c	Num	8	Recipient at dnr eval: second HLA-DR antigen
128	rcp_fxn_ev_c	Num	8	Recipient at dnr eval: functional status in Cohort
129	rcp_ins_ev_c	Num	8	Recipient at dnr eval: Primary payment source
130	hcc_htc_ev_c	Num	8	HCC at dnr eval: What was the highest tumor score prior to dnr eval?
131	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only (it may be in Retro or Core) only =Cohort ID if in Cohort =Core ID if in Core
132	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
133	rcp_retrolabel_c	Num	8	Recipient study entry: what is this recipient subjects Retro BioDBx Subject Label?
134	a2all_id_c	Char	6	Unique patient ID in Cohort
135	rcp_consent_dt_c	Num	8	Recipient PHI: date of consent
136	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
137	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
138	rcp_gender_rc	Num	8	Recipient study entry: gender
139	rcp_abo_rc	Num	8	Recipient study entry: blood type
140	rcp_ethnic_rc	Num	8	Recipient study entry: ethnicity
141	rcp_race_rc	Num	8	Recipient study entry: race
142	rcp_eval_dt_rc	Num	8	Recipient at dnr eval: dnr eval date

Num	Variable	Type	Len	Label
143	rcp_dob_rc	Num	8	Recipient at dnr eval: date of birth
144	rcp_age_ev_rc	Num	8	Recipient at dnr eval: age
145	rcp_ht_m_rc	Num	8	Recipient at dnr eval: height (m)
146	rcp_wt_kg_ev_rc	Num	8	Recipient at dnr eval: weight (kg)
147	rcp_bmi_ev_rc	Num	8	Recipient at dnr eval: bmi (kg/m2)
148	rcp_coh_dgn_AHN_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Hepatic Necrosis
149	rcp_coh_dgn_BilAtr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Biliary Atresia
150	rcp_coh_dgn_chol_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cholestatic Liver Disease/Cirrho
151	rcp_coh_dgn_Malig_nonHCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Malignant Neoplasms other than HCC
152	rcp_coh_dgn_Metab_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Diseases
153	rcp_coh_dgn_othnoncc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
154	rcp_coh_dgn_alcoh_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcoholic Cirrhosis
155	rcp_coh_dgn_HCC_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC)
156	rcp_coh_dgn_HCV_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV)
157	rcp_coh_dgn_other_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other
158	rcp_core_dgn_acutefail_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Acute Liver Failure (merges with Core)
159	rcp_core_dgn_nonhccmalig_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
160	rcp_core_dgn_metabolic_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
161	rcp_core_dgn_alccirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Alcohol-related Cirrhosis (merges with Core)
162	rcp_core_dgn_hcv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
163	rcp_core_dgn_hcc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
164	rcp_core_dgn_oth_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
165	rcp_core_dgn_cryptocirr_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cryptogenic Cirrhosis (merges with Core)
166	rcp_core_dgn_pbc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PBC (merges with Core)
167	rcp_core_dgn_psc_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: PSC (merges with Core)
168	rcp_core_dgn_autoimmhep_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
169	rcp_core_dgn_hbv_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
170	rcp_core_dgn_hemochrom_ev_rc	Num	8	Recipient at list/dnr eval: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
171	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
172	rcp_pxid_rc	Num	8	Recipient study information: PX ID

**Data Set Name: rcp\_exp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Subject ID
2	questionnaireauditingid_x	Num	8	Questionnaire Auditing ID
3	hcc_locate_ex_rc	Num	8	HCC at explant: HCC location
4	hcc_nodes_ex_rc	Num	8	HCC at explant: Number of nodules in the liver
5	hcc_stage_ex_rc	Num	8	HCC at explant: Based on the number and size of HCC nodules, and the presence or absence of vascular invasion, choose the tumor stage:
6	hcc_lymph_ex_rc	Num	8	HCC at explant: Was there evidence of HCC found in the regional lymph nodes?
7	hcc_exhep_ex_rc	Num	8	HCC at explant: Cancer spread beyond the liver
8	hcc_hcc_ex_rcx	Num	8	HCC at explant: What did the HCC explant assessment reveal?
9	hcc_locate_ex_rcx	Num	8	HCC at explant: HCC location
10	hcc_nodes_ex_rcx	Num	8	HCC at explant: Number of nodules in the liver
11	hcc_sz1_ex_rcx	Num	8	HCC at explant: Nodule 1: Size (cm)
12	hcc_sz2_ex_rcx	Num	8	HCC at explant: Nodule 2: Size (cm)
13	hcc_sz3_ex_rcx	Num	8	HCC at explant: Nodule 3: Size (cm)
14	hcc_sz4_ex_rcx	Num	8	HCC at explant: Nodule 4: Size (cm)
15	hcc_sz5_ex_rcx	Num	8	HCC at explant: Nodule 5: Size (cm)
16	hcc_n1_vascin_ex_cx	Num	8	HCC at explant: Nodule 1: Was there tumor invasion into vascular structures?
17	hcc_n2_vascin_ex_cx	Num	8	HCC at explant: Nodule 2: Was there tumor invasion into vascular structures?
18	hcc_n3_vascin_ex_cx	Num	8	HCC at explant: Nodule 3: Was there tumor invasion into vascular structures?
19	hcc_n4_vascin_ex_cx	Num	8	HCC at explant: Nodule 4: Was there tumor invasion into vascular structures?
20	hcc_n5_vascin_ex_cx	Num	8	HCC at explant: Nodule 5: Was there tumor invasion into vascular structures?
21	hcc_n6_vascin_ex_cx	Num	8	HCC at explant: Nodule 6: Was there tumor invasion into vascular structures?
22	hcc_n1_grade_ex_cx	Num	8	HCC at explant: Nodule 1: Tumor grade
23	hcc_n2_grade_ex_cx	Num	8	HCC at explant: Nodule 2: Tumor grade
24	hcc_n3_grade_ex_cx	Num	8	HCC at explant: Nodule 3: Tumor grade
25	hcc_n4_grade_ex_cx	Num	8	HCC at explant: Nodule 4: Tumor grade
26	hcc_n5_grade_ex_cx	Num	8	HCC at explant: Nodule 5: Tumor grade
27	hcc_n6_grade_ex_cx	Num	8	HCC at explant: Nodule 6: Tumor grade
28	hcc_n1_mito_ex_cx	Num	8	HCC at explant: Nodule 1: What level of mitosis was observed on microscopic analysis?
29	hcc_n2_mito_ex_cx	Num	8	HCC at explant: Nodule 2: What level of mitosis was observed on microscopic analysis?
30	hcc_n3_mito_ex_cx	Num	8	HCC at explant: Nodule 3: What level of mitosis was observed on microscopic analysis?
31	hcc_n4_mito_ex_cx	Num	8	HCC at explant: Nodule 4: What level of mitosis was observed on microscopic analysis?
32	hcc_n5_mito_ex_cx	Num	8	HCC at explant: Nodule 5: What level of mitosis was observed on microscopic analysis?
33	hcc_n6_mito_ex_cx	Num	8	HCC at explant: Nodule 6: What level of mitosis was observed on microscopic analysis?
34	hcc_n1_necro_ex_cx	Num	8	HCC at explant: Nodule 1: Proportion of tumor necrosis
35	hcc_n2_necro_ex_cx	Num	8	HCC at explant: Nodule 2: Proportion of tumor necrosis
36	hcc_n3_necro_ex_cx	Num	8	HCC at explant: Nodule 3: Proportion of tumor necrosis

Num	Variable	Type	Len	Label
37	hcc_n4_necro_ex_cx	Num	8	HCC at explant: Nodule 4: Proportion of tumor necrosis
38	hcc_n5_necro_ex_cx	Num	8	HCC at explant: Nodule 5: Proportion of tumor necrosis
39	hcc_n6_necro_ex_cx	Num	8	HCC at explant: Nodule 6: Proportion of tumor necrosis
40	hcc_sz6_ex_cx	Num	8	HCC at explant: Nodule 6: Size (cm)
41	hcc_necros_ex_r	Num	8	HCC at explant: Proportion of Tumor Necrosis
42	hcc_mitosis_ex_r	Num	8	HCC at explant: What level of mitosis was observed on microscopic analysis?
43	hcc_vascin_ex_r	Num	8	HCC at explant: Was there HCC tumor invasion into vascular structures?
44	hcc_exstage_ex_r	Num	8	HCC at explant: Tumor Grade
45	rcp_resp_id_r	Num	8	Recipient resp id
46	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
47	a2all_id_c	Char	6	Unique patient ID in Cohort
48	inr	Num	8	in Retro database
49	inc	Num	8	in Cohort database
50	ID_char	Char	6	Patient ID that links Retro and Cohort data: if in Retro (it may be in Cohort) only =Retro ID =Cohort ID if in Cohort
51	a2all_id_x	Char	6	Unique patient ID in Core
52	inx	Num	8	In Core database
53	rcp_core_dgn_hcc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
54	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
55	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)

**Data Set Name: rcp\_exp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	inr	Num	8	in Retro database
2	inc	Num	8	in Cohort database
3	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
4	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
5	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
6	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: only =Retro resp_id if in Retro =Cohort ID if in Cohort (it may be in Retro or Core) ID if in Core only =Core
7	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
8	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
9	ID_char	Char	6	Patient ID that links Retro and Cohort data: if in Retro (it may be in Cohort) =Retro ID =Cohort ID if in Cohort only
10	hcc_sz6_ex_c	Num	8	HCC at explant: Size of nodule 6 (cm)
11	a2all_id_c	Char	6	Unique patient ID in Cohort
12	hcc_hcc_ex_rc	Num	8	HCC at explant: What did the HCC explant assessment reveal?
13	hcc_locate_ex_rc	Num	8	HCC at explant: HCC location
14	hcc_nodes_ex_rc	Num	8	HCC at explant: Number of HCC nodules in the liver
15	hcc_sz1_ex_rc	Num	8	HCC at explant: Size of nodule 1 (cm)
16	hcc_sz2_ex_rc	Num	8	HCC at explant: Size of nodule 2 (cm)
17	hcc_sz3_ex_rc	Num	8	HCC at explant: Size of nodule 3 (cm)
18	hcc_sz4_ex_rc	Num	8	HCC at explant: Size of nodule 4 (cm)
19	hcc_sz5_ex_rc	Num	8	HCC at explant: Size of nodule 5 (cm)
20	hcc_stage_ex_rc	Num	8	HCC at explant: Based on the number and size of HCC nodules, and the presence or absence of vascular invasion, choose the tumor stage:
21	hcc_lymph_ex_rc	Num	8	HCC at explant: Was there evidence of HCC found in the regional lymph nodes?
22	hcc_exhep_ex_rc	Num	8	HCC at explant: Cancer spread beyond the liver
23	hcc_n1_vascin_ex_c	Num	8	HCC at explant: nodule 1: Was there tumor invasion into vascular structures?
24	hcc_n2_vascin_ex_c	Num	8	HCC at explant: nodule 2: Was there tumor invasion into vascular structures?
25	hcc_n3_vascin_ex_c	Num	8	HCC at explant: nodule 3: Was there tumor invasion into vascular structures?
26	hcc_n4_vascin_ex_c	Num	8	HCC at explant: nodule 4: Was there tumor invasion into vascular structures?
27	hcc_n5_vascin_ex_c	Num	8	HCC at explant: nodule 5: Was there tumor invasion into vascular structures?
28	hcc_n6_vascin_ex_c	Num	8	HCC at explant: nodule 6: Was there tumor invasion into vascular structures?
29	hcc_n1_grade_ex_c	Num	8	HCC at explant: nodule 1: Tumor Grade
30	hcc_n2_grade_ex_c	Num	8	HCC at explant: nodule 2: Tumor Grade
31	hcc_n3_grade_ex_c	Num	8	HCC at explant: nodule 3: Tumor Grade
32	hcc_n4_grade_ex_c	Num	8	HCC at explant: nodule 4: Tumor Grade
33	hcc_n5_grade_ex_c	Num	8	HCC at explant: nodule 5: Tumor Grade

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
34	hcc_n6_grade_ex_c	Num	8	HCC at explant: nodule 6: Tumor Grade
35	hcc_necros_ex_r	Num	8	HCC at explant: Proportion of Tumor Necrosis
36	hcc_n1_necro_ex_c	Num	8	HCC at explant: nodule 1: Proportion of Tumor Necrosis
37	hcc_n2_necro_ex_c	Num	8	HCC at explant: nodule 2: Proportion of Tumor Necrosis
38	hcc_n3_necro_ex_c	Num	8	HCC at explant: nodule 3: Proportion of Tumor Necrosis
39	hcc_n4_necro_ex_c	Num	8	HCC at explant: nodule 4: Proportion of Tumor Necrosis
40	hcc_n5_necro_ex_c	Num	8	HCC at explant: nodule 5: Proportion of Tumor Necrosis
41	hcc_n6_necro_ex_c	Num	8	HCC at explant: nodule 6: Proportion of Tumor Necrosis
42	hcc_mitosis_ex_r	Num	8	HCC at explant: What level of mitosis was observed on microscopic analysis?
43	hcc_n1_mito_ex_c	Num	8	HCC at explant: nodule 1: What level of mitosis was observed on microscopic analysis?
44	hcc_n2_mito_ex_c	Num	8	HCC at explant: nodule 2: What level of mitosis was observed on microscopic analysis?
45	hcc_n3_mito_ex_c	Num	8	HCC at explant: nodule 3: What level of mitosis was observed on microscopic analysis?
46	hcc_n4_mito_ex_c	Num	8	HCC at explant: nodule 4: What level of mitosis was observed on microscopic analysis?
47	hcc_n5_mito_ex_c	Num	8	HCC at explant: nodule 5: What level of mitosis was observed on microscopic analysis?
48	hcc_n6_mito_ex_c	Num	8	HCC at explant: nodule 6: What level of mitosis was observed on microscopic analysis?
49	hcc_vascin_ex_r	Num	8	HCC at explant: Was there HCC tumor invasion into vascular structures?
50	hcc_exstage_ex_r	Num	8	HCC at explant: Tumor Grade

**Data Set Name: rcp\_hcvadvdis\_x.sas7bdat**

Num	Variable	Type	Len	Label
1	RCP_HCVAD_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	ID	Char	6	Subject ID
4	RCP_HCVAD_EDCLogin_DT	Num	8	EDC Complete Date
5	RCP_HCVAD_Assess_DT	Num	8	A:1 [ Advanced Disease Status] : Date of advanced disease assessment
6	RCP_HCVAD_Histro	Num	8	A:2 [ Advanced Disease Status] : Is liver histology available from an explant (if retransplanted) or autopsy (if patient died)?
7	RCP_HCVAD_Histro_DT	Num	8	A: [ Advanced Disease Status] : If yes, please enter the date of the explant or autopsy. Please provide a copy of de-identified (labeled with A2ALL ID) explant path or autopsy report.
8	RCP_HCVAD_FibroSscoreType	Num	8	A: [ Advanced Disease Status] : Fibrosis scoring method on biopsy from explant/autopsy:
9	RCP_HCVAD_FibroSscoreR1	Num	8	A: [ Advanced Disease Status] : Fibrosis score on biopsy from explant/autopsy: (Ishak)
10	RCP_HCVAD_FibroSscoreR2	Num	8	A: [ Advanced Disease Status] : Fibrosis score on biopsy from explant/autopsy: (Knodell,Ludwig-Batts,Metavir,Scheuer)
11	RCP_HCVAD_Cholehepatitis	Num	8	A: [ Advanced Disease Status] : Cholestatic hepatitis present?
12	RCP_HCVAD_Ascities	Num	8	A:3 [ Advanced Disease Status] : Ascites requiring diuretics occurring = 6 months post-LT (note: if ascites developed earlier than 6 months but persisted to or beyond 6 months, use date of initial onset as date of onset )
13	RCP_HCVAD_AscitesOnset_DT	Num	8	A: [ Advanced Disease Status] : If yes, ascites onset date:
14	RCP_HCVAD_Enceph	Num	8	A:4 [ Advanced Disease Status] : Encephalopathy requiring treatment occurring = 6 months post-LT (note: if encephalopathy developed earlier than 6 months but persisted to and beyond 6 months, use date of initial onset as date of onset )
15	RCP_HCVAD_EncephOnset_DT	Num	8	A: [ Advanced Disease Status] : If yes, encephalopathy onset date:
16	RCP_HCVAD_Varices	Num	8	A:5 [ Advanced Disease Status] : Varices grade = 2 documented on EGD, present = 6 months post-LT
17	RCP_HCVAD_VaricesOnset_DT	Num	8	A: [ Advanced Disease Status] : If yes, varices onset date:
18	RCP_HCVAD_BiliGT2	Num	8	A:6 [ Advanced Disease Status] : Bilirubin = 2 mg/dl
19	RCP_HCVAD_BiliM1_VAL	Num	8	A:. [Bilirubin value 1] : in <mg/dl> MinRange = 2, MaxRange = 50
20	RCP_HCVAD_BiliM1_ND	Num	8	A:. [Bilirubin value 1] : Not Done < 1=Not Done >
21	RCP_HCVAD_BiliM1_DT	Num	8	A: [ Advanced Disease Status] : Bilirubin Date 1:
22	RCP_HCVAD_BiliM2_VAL	Num	8	A:. [Bilirubin value 2] : in <mg/dl> MinRange = 2, MaxRange = 50
23	RCP_HCVAD_BiliM2_ND	Num	8	A:. [Bilirubin value 2] : Not Done < 1=Not Done >
24	RCP_HCVAD_BiliM2_DT	Num	8	A: [ Advanced Disease Status] : Bilirubin date 2:
25	RCP_HCVAD_AlbLE3PT5	Num	8	A:7 [ Advanced Disease Status] : Albumin = 3.5 g/dl
26	RCP_HCVAD_AlbM1_VAL	Num	8	A:. [Albumin value 1] : in <g/dl> MinRange = 1.5, MaxRange = 3.5
27	RCP_HCVAD_AlbM1_ND	Num	8	A:. [Albumin value 1] : Not Done < 1=Not Done >
28	RCP_HCVAD_AlbM1_DT	Num	8	A: [ Advanced Disease Status] : Albumin date 1:
29	RCP_HCVAD_AlbM2_VAL	Num	8	A:. [Albumin value 2] : in <g/dl> MinRange = 1.5, MaxRange = 3.5

Num	Variable	Type	Len	Label
30	RCP_HCVAD_Album2_ND	Num	8	A.: [Albumin value 2] : Not Done < 1=Not Done >
31	RCP_HCVAD_Album2_DT	Num	8	A: [ Advanced Disease Status] : Albumin date 2:
32	RCP_HCVAD_InrGE1PT7	Num	8	A:8 [ Advanced Disease Status] : INR = 1.7
33	RCP_HCVAD_InrM1	Num	8	A: [ Advanced Disease Status] : INR value 1
34	RCP_HCVAD_InrM1_DT	Num	8	A: [ Advanced Disease Status] : INR date 1:
35	RCP_HCVAD_InrM2	Num	8	A: [ Advanced Disease Status] : INR value 2
36	RCP_HCVAD_InrM2_DT	Num	8	A: [ Advanced Disease Status] : INR date 2:
37	RCP_HCVAD_Criteria_OSTXT	Char	350	A:9 [ Advanced Disease Status] : Other criteria used in making diagnosis of cirrhosis or advanced fibrosis
38	RCP_HCVAD_Dgn	Num	8	A:10 [ Advanced Disease Status] : Investigator s assessment: Does this patient meet criteria for advanced liver disease due to recurrent HCV? (This is the most important question.)
39	RCP_HCVAD_Dgn_DT	Num	8	A: [ Advanced Disease Status] : If yes, give approximate date of achieving advanced liver disease:
40	RCP_HCVAD_Investigator	Char	50	A:11 [ Advanced Disease Status] : Investigator who reviewed this form:
41	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID
42	RCP_HCVAD_Rna	Num	8	RCP_HCVAD_RNA
43	RCP_HCVAD_RNA_UNITS	Num	8	A:2 [ Advanced Disease Status] : Last positive post-LT HCV RNA
44	RCP_HCVAD_Rna_DT	Num	8	
45	RCP_HCVAD_Rna_ND	Num	8	A:2 [ Advanced Disease Status] : Last positive post-LT HCV RNA : Not Done < 1=Not Done >



**Data Set Name: rcp\_hcvelast\_x.sas7bdat**

Num	Variable	Type	Len	Label
1	RCP_HCVTE_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	ID	Char	6	Subject ID
4	RCP_HCVTE_EDCLogin_DT	Num	8	EDC Complete Date
5	RCP_HCVTE_Lstiff_VAL	Num	8	A:1 [ Liver Stiffness] : Liver stiffness measurement : in <kPa>
6	RCP_HCVTE_Lstiff_ND	Num	8	A:1 [ Liver Stiffness] : Liver stiffness measurement : Not Done < 1=Not Done >
7	RCP_HCVTE_Lstiff_DT	Num	8	A:2 [ Liver Stiffness] : Date of transient elastography:
8	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID

**Data Set Name: rcp\_hcvstudyinfo\_x.sas7bdat**

Num	Variable	Type	Len	Label
1	RCP_HCVPT_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	ID	Char	6	Subject ID
4	RCP_HCVPT_EDCLogin_DT	Num	8	EDC Complete Date
5	RCP_HCVPT_Fu_DT	Num	8	A:1 [ Post-LT Follow Up] : Date of cirrhosis assessment
6	RCP_HCVPT_HCVtrt	Num	8	A:2 [ Post-LT Follow Up] : Did the patient receive HCV treatment post-LT?
7	RCP_HCVPT_HCVTrtNum	Num	8	A: [ Post-LT Follow Up] : If yes, how many courses of HCV treatment did the patient receive?
8	RCP_HCVPT_TrStart_DT	Num	8	A: [ Post-LT Follow Up] : Start date of most recent course of treatment
9	RCP_HCVPT_TrEnd_DT	Num	8	A: [ Post-LT Follow Up] : End date of most recent course of treatment
10	RCP_HCVPT_TrDrugs	Char	50	A: [ Post-LT Follow Up] : Drugs used for most recent treatment (check all that apply)
11	RCP_HCVPT_TrDrugs_OSTXT	Char	50	A: [ Post-LT Follow Up] : Specify other drug
12	RCP_HCVPT_Svr	Num	8	A: [ Post-LT Follow Up] : If treated, did the patient achieve SVR (undetectable HCV RNA 6 months after stopping treatment)?
13	RCP_HCVPT_Svr_DT	Num	8	A: [ Post-LT Follow Up] : If yes, date of HCV RNA confirming SVR:
14	RCP_HCVPT_Rejtrt	Num	8	A:3 [ Post-LT Follow Up] : Was the patient ever treated for rejection with pulsed steroids and/or antibodies?
15	RCP_HCVPT_RejtrtNum	Num	8	A: [ Post-LT Follow Up] : If yes, how many times?
16	RCP_HCVPT_Rejtrt_DT	Num	8	A: [ Post-LT Follow Up] : Start date of first rejection treatment:
17	RCP_HCVPT_Cmv	Num	8	A:4 [ Post-LT Follow Up] : Was the patient ever treated for post-transplant CMV viremia?
18	RCP_HCVPT_Cmv_DT	Num	8	A: [ Post-LT Follow Up] : If yes, date of initial CMV viremia treatment:
19	RCP_HCVPT_Bcomp	Num	8	A:5 [ Post-LT Follow Up] : Did the patient develop any biliary complications?
20	RCP_HCVPT_BcompType	Num	8	A: [ Post-LT Follow Up] : If yes, initial biliary complication type
21	RCP_HCVPT_Bcomp_DT	Num	8	A: [ Post-LT Follow Up] : If yes, date of initial biliary complication
22	RCP_HCVBX_Wt_VAL	Num	8	B:1 [Weight closest to the time of cirrhosis assessment] : in <Kilograms> MinRange = 36, MaxRange = 160
23	RCP_HCVBX_Wt_ND	Num	8	B:1 [Weight closest to the time of cirrhosis assessment] : Not Done < 1=Not Done >
24	RCP_HCVBX_Diab	Num	8	B:2 [ Status at Cirrhosis Assessment] : Treated diabetes present at the time of cirrhosis assessment?
25	RCP_HCVBX_Imm	Char	50	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen in place at the time of cirrhosis assessment? (Check all that apply)
26	RCP_HCVBX_Imm_OSTXT	Char	50	B: [ Status at Cirrhosis Assessment] : Specify other immunosuppression:
27	RCP_HCVBX_DetectRna	Num	8	C:1 [ Labs at Cirrhosis Assessment] : Was the patient s HCV RNA closest to cirrhosis assessment detectable?
28	RCP_HCVBX_Rna_DT	Num	8	C: [ Labs at Cirrhosis Assessment] : Date of HCV RNA closest to cirrhosis assessment
29	RCP_HCVBX_Alt_VAL	Num	8	C:2 [Serum alanine aminotransferase (ALT) closest to cirrhosis assessment] : in <IU/L> MinRange = 13, MaxRange = 180

Num	Variable	Type	Len	Label
30	RCP_HCVBX_Alt_ND	Num	8	C:2 [Serum alanine aminotransferase (ALT) closest to cirrhosis assessment] : Not Done < 1=Not Done >
31	RCP_HCVBX_Ast_VAL	Num	8	C:3 [Serum aspartate aminotransferase (AST) closest to cirrhosis assessment] : in <IU/L> MinRange = 16, MaxRange = 168
32	RCP_HCVBX_Ast_ND	Num	8	C:3 [Serum aspartate aminotransferase (AST) closest to cirrhosis assessment] : Not Done < 1=Not Done >
33	RCP_HCVBX_Alk_VAL	Num	8	C:4 [Serum alkaline phosphatase (ALK) closest to cirrhosis assessment] : in <IU/L> MinRange = 57, MaxRange = 566
34	RCP_HCVBX_Alk_ND	Num	8	C:4 [Serum alkaline phosphatase (ALK) closest to cirrhosis assessment] : Not Done < 1=Not Done >
35	RCP_HCVBX_Bili_VAL	Num	8	C:5 [Total bilirubin closest to cirrhosis assessment] : in <mg/dl> MinRange = 0.3, MaxRange = 3.2
36	RCP_HCVBX_Bili_ND	Num	8	C:5 [Total bilirubin closest to cirrhosis assessment] : Not Done < 1=Not Done >
37	RCP_HCVBX_Creat_VAL	Num	8	C:6 [Serum creatinine closest to cirrhosis assessment] : in <mg/dl> MinRange = 0.7, MaxRange = 1.8
38	RCP_HCVBX_Creat_ND	Num	8	C:6 [Serum creatinine closest to cirrhosis assessment] : Not Done < 1=Not Done >
39	RCP_HCVBX_Alb_VAL	Num	8	C:7 [Albumin closest to cirrhosis assessment] : in <g/dl> MinRange = 2.8, MaxRange = 4.7
40	RCP_HCVBX_Alb_ND	Num	8	C:7 [Albumin closest to cirrhosis assessment] : Not Done < 1=Not Done >
41	RCP_HCVBX_Inr_VAL	Num	8	C:8 [INR closest to cirrhosis assessment] : in <INR Units> MinRange = 0.9, MaxRange = 1.4
42	RCP_HCVBX_Inr_ND	Num	8	C:8 [INR closest to cirrhosis assessment] : Not Done < 1=Not Done >
43	RCP_HCVBX_Hgb_VAL	Num	8	C:9 [Hemoglobin (Hgb) closest to cirrhosis assessment] : in <g/dl> MinRange = 10, MaxRange = 18
44	RCP_HCVBX_Hgb_ND	Num	8	C:9 [Hemoglobin (Hgb) closest to cirrhosis assessment] : Not Done < 1=Not Done >
45	RCP_HCVBX_Wbc_VAL	Num	8	C:10[White blood count (WBC) closest to cirrhosis assessment] : in <x10 <sup>3</sup> /mm <sup>3</sup> > MinRange = 2, MaxRange = 15
46	RCP_HCVBX_Wbc_ND	Num	8	C:10[White blood count (WBC) closest to cirrhosis assessment] : Not Done < 1=Not Done >
47	RCP_HCVBX_Plate_VAL	Num	8	C:11[Platelet count closest cirrhosis assessment] : in <x10 <sup>3</sup> /mm <sup>3</sup> > MinRange = 60, MaxRange = 300
48	RCP_HCVBX_Plate_ND	Num	8	C:11[Platelet count closest cirrhosis assessment] : Not Done < 1=Not Done >
49	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID
50	RCP_HCVBX_Ascites	Num	8	RCP_HCVBX_Ascites
51	RCP_HCVBX_Ascites_DT	Num	8	
52	RCP_HCVBX_Enceph	Num	8	RCP_HCVBX_Enceph
53	RCP_HCVBX_Enceph_DT	Num	8	
54	RCP_HCVBX_Bleed	Num	8	RCP_HCVBX_Bleed
55	RCP_HCVBX_Bleed_DT	Num	8	
56	RCP_HCVBX_Rna	Num	8	RCP_HCVBX_RNA
57	RCP_HCVBX_RNA_UNITS	Num	8	C: [ Labs at Cirrhosis Assessment] : HCV RNA closest to cirrhosis assessment

Num	Variable	Type	Len	Label
58	RCP_HCVBX_Rna_ND	Num	8	C: [ Labs at Cirrhosis Assessment] : HCV RNA closest to cirrhosis assessment : Not Done < 1=Not Done >
59	RCP_HCVBX_Imm_Pred	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (1: Prednisone (or oral equivalent))
60	RCP_HCVBX_Imm_MePRDL	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (2: Methylprednisolone (or IV equivalent))
61	RCP_HCVBX_Imm_CSA	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (3: Cyclosporine (Neoral, Gengraf or any other formulation))
62	RCP_HCVBX_Imm_TAC	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (4: Tacrolimus (Prograf))
63	RCP_HCVBX_Imm_RAPA	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (5: Rapamycin)
64	RCP_HCVBX_Imm_RAD	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (6: Certican (RAD))
65	RCP_HCVBX_Imm_AZA	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (7: Azathioprine (Imuran or generic))
66	RCP_HCVBX_Imm_MMF	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (8: Mycophenolate mofetil (Cellcept or generic))
67	RCP_HCVBX_Imm_ECMPs	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (9: Enteric-coated mycophenolic (Myfortic or generic))
68	RCP_HCVBX_Imm_OTH	Num	8	B:3 [ Status at Cirrhosis Assessment] : What was the immunosuppression regimen (90: Other immunosuppression (specify))
69	RCP_HCVPT_Trtdrugs_PegInter	Num	8	A: [ Post-LT Follow Up] : Drugs used for most recent treatment (check all that a (1: PegInterferon)
70	RCP_HCVPT_Trtdrugs_Ribavirin	Num	8	A: [ Post-LT Follow Up] : Drugs used for most recent treatment (check all that a (2: Ribavirin)
71	RCP_HCVPT_Trtdrugs_DAA	Num	8	A: [ Post-LT Follow Up] : Drugs used for most recent treatment (check all that a (3: Direct acting antiviral (DAA))
72	RCP_HCVPT_Trtdrugs_OTH	Num	8	A: [ Post-LT Follow Up] : Drugs used for most recent treatment (check all that a (4: Other (specify))

**Data Set Name: rcp\_hcvsubflow\_x.sas7bdat**

Num	Variable	Type	Len	Label
1	RCP_HCVFLOW_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	ID	Char	6	Subject ID
4	RCP_HCVFLOW_EDCLogin_DT	Num	8	EDC Complete Date
5	RCP_HCVFLOW_Preltrt	Num	8	A:1 [ HCV Exclusion Criteria] : Did the recipient receive any pre-transplant HCV treatment?
6	RCP_HCVFLOW_PreleSvr	Num	8	A: [ HCV Exclusion Criteria] : If yes, did the recipient achieve SVR (non-detectable HCV RNA at least six months after end of treatment)?
7	RCP_HCVFLOW_PreleSvr_DT	Num	8	A: [ HCV Exclusion Criteria] : If yes, date of SVR:
8	RCP_HCVFLOW_Hbv hiv	Num	8	A:2 [ HCV Exclusion Criteria] : Was the recipient co-infected with hepatitis B virus (HBsAg-positive) or with HIV before transplant?
9	RCP_HCVFLOW_Dnrhcv	Num	8	A:3 [ HCV Exclusion Criteria] : Did the recipient receive a graft from an HCV-infected donor?
10	RCP_HCVFLOW_CaseNumLE20	Num	8	A:4 [ HCV Exclusion Criteria] : Was the recipient one of the first 20 LDLT recipients at this transplant center?
11	RCP_HCVFLOW_RetxplT90	Num	8	A:5 [ HCV Exclusion Criteria] : Was the recipient retransplanted less than 90 days after receiving the index transplant?
12	RCP_HCVFLOW_DiedLT90	Num	8	A:6 [ HCV Exclusion Criteria] : Did the recipient die less than 90 days after transplant?
13	RCP_HCVFLOW_Grffn	Num	8	B:1 [ HCV Subject Status] : Is subject alive with index graft?
14	RCP_HCVFLOW_CirrEvidence	Num	8	B:2 [ HCV Subject Status] : Does subject have evidence of cirrhosis?
15	RCP_HCVFLOW_CirrSource	Num	8	B: [ HCV Subject Status] : If yes, source of evidence indicating cirrhosis (if Biopsy findings checked, please fill out a biopsy report CRF)
16	RCP_HCVFLOW_BxLT12Mo	Num	8	B:3 [ HCV Subject Status] : Has the subject had a biopsy within the past 12 months? (if yes, please fill out a biopsy report CRF)
17	RCP_HCVFLOW_BxConsent	Num	8	B:4 [ HCV Subject Status] : Will the subject undergo the = 3 year protocol biopsy? (If yes, please fill out a biopsy report CRF)
18	RCP_HCVFLOW_BxRefuseReason	Num	8	B: [ HCV Subject Status] : If no, reason for not performing liver biopsy
19	RCP_HCVFLOW_Teavail	Num	8	B:5 [ HCV Subject Status] : Is transient elastography available for this patient?
20	RCP_HCVFLOW_Retxp	Num	8	B:6 [ HCV Subject Status] : Has the subject been retransplanted?
21	RCP_HCVFLOW_Retxp_DT	Num	8	B: [ HCV Subject Status] : If yes, date of retransplant:
22	RCP_HCVFLOW_Died	Num	8	B:7 [ HCV Subject Status] : Did the subject die? (If yes, please enter date on subject information screen.)
23	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID

**Data Set Name: rcp\_hcvtxpinfo\_x.sas7bdat**

Num	Variable	Type	Len	Label
1	RCP_HCVTXP_StopLight	Num	8	CRF is finished Status
2	Facility_ID	Num	8	Facility ID
3	ID	Char	6	Subject ID
4	RCP_HCVTXP_EDCLogin_DT	Num	8	EDC Complete Date
5	RCP_HCVTXP_Ht_VAL	Num	8	A:1 [Recipient height] : in <Inches> MinRange = 48, MaxRange = 84
6	RCP_HCVTXP_Ht_ND	Num	8	A:1 [Recipient height] : Not Done < 1=Not Done >
7	RCP_HCVTXP_Wt_VAL	Num	8	A:2 [Recipient weight at transplant] : in <Kilograms> MinRange = 36, MaxRange = 160
8	RCP_HCVTXP_Wt_ND	Num	8	A:2 [Recipient weight at transplant] : Not Done < 1=Not Done >
9	RCP_HCVTXP_Hcc	Num	8	A:3 [ Recipient Status] : Did the recipient have a diagnosis of HCC before transplant?
10	RCP_HCVTXP_Dial	Num	8	A:4 [ Recipient Status] : Was the recipient on dialysis at the time of transplant?
11	RCP_HCVTXP_Unosdonid	Char	10	B:1 [ Donor and Transplant Information] : UNOS Donor ID
12	RCP_HCVTXP_DnrAge	Num	8	B:2 [ Donor and Transplant Information] : Donor age years
13	RCP_HCVTXP_DnrGender	Num	8	B:3 [ Donor and Transplant Information] : Donor gender
14	RCP_HCVTXP_DnrEthnic	Num	8	B:4 [ Donor and Transplant Information] : Donor Ethnicity
15	RCP_HCVTXP_DnrRace	Num	8	B:5 [ Donor and Transplant Information] : Donor Race
16	RCP_HCVTXP_DnrType	Num	8	B:6 [ Donor and Transplant Information] : Donor type
17	RCP_HCVTXP_DnrCod	Num	8	B:7 [ Donor and Transplant Information] : If DDLT, what was the donor s cause of death?
18	RCP_HCVTXP_DnrDCD	Num	8	B:8 [ Donor and Transplant Information] : If DDLT, was this a DCD (Donation after Cardiac Death) donor?
19	RCP_HCVTXP_DdltrgType	Num	8	B:9 [ Donor and Transplant Information] : If DDLT, what was the graft type?
20	RCP_HCVTXP_LdlgrfTYPE	Num	8	B:10 [ Donor and Transplant Information] : if LDLT, what was the graft type?
21	RCP_HCVTXP_Wit	Num	8	B:11 [ Donor and Transplant Information] : Warm ischemia time minutes
22	RCP_HCVTXP_Cit	Num	8	B:12 [ Donor and Transplant Information] : Cold ischemia time minutes
23	RCP_HCVTXP_GenoType	Num	8	C:1 [ Recipient Labs] : HCV Genotype
24	RCP_HCVTXP_GEnoType_OSTXT	Char	10	C: [ Recipient Labs] : Specify other HCV genotype:
25	RCP_HCVTXP_DetectRna	Num	8	C:2 [ Recipient Labs] : Was the patient s HCV RNA closest to transplant detectable?
26	RCP_HCVTXP_Rna_DT	Num	8	C: [ Recipient Labs] : Date of HCV RNA:
27	RCP_HCVTXP_Alt_VAL	Num	8	C:3 [Serum alanine aminotransferase (ALT) closest to the time of transplant] : in <IU/L> MinRange = 17, MaxRange = 289
28	RCP_HCVTXP_Alt_ND	Num	8	C:3 [Serum alanine aminotransferase (ALT) closest to the time of transplant] : Not Done < 1=Not Done >
29	RCP_HCVTXP_Ast_VAL	Num	8	C:4 [Serum aspartate aminotransferase (AST) closest to the time of transplant] : in <IU/L> MinRange = 28, MaxRange = 355
30	RCP_HCVTXP_Ast_ND	Num	8	C:4 [Serum aspartate aminotransferase (AST) closest to the time of transplant] : Not Done < 1=Not Done >

Num	Variable	Type	Len	Label
31	RCP_HCVTXP_Alk_VAL	Num	8	C:5 [Serum alkaline phosphatase (ALK) closest to the time of transplant] : in <IU/L> MinRange = 57, MaxRange = 518
32	RCP_HCVTXP_Alk_ND	Num	8	C:5 [Serum alkaline phosphatase (ALK) closest to the time of transplant] : Not Done < 1=Not Done >
33	RCP_HCVTXP_Bili_VAL	Num	8	C:6 [Total bilirubin closest to the time of transplant] : in <mg/dl> MinRange = 0.8, MaxRange = 20.7
34	RCP_HCVTXP_Bili_ND	Num	8	C:6 [Total bilirubin closest to the time of transplant] : Not Done < 1=Not Done >
35	RCP_HCVTXP_Creat_VAL	Num	8	C:7 [Serum creatinine closest to the time of transplant] : in <mg/dl> MinRange = 0.6, MaxRange = 2.1
36	RCP_HCVTXP_Creat_ND	Num	8	C:7 [Serum creatinine closest to the time of transplant] : Not Done < 1=Not Done >
37	RCP_HCVTXP_Alb_VAL	Num	8	C:8 [Albumin closest to the time of transplant] : in <g/dl> MinRange = 1.8, MaxRange = 4.2
38	RCP_HCVTXP_Alb_ND	Num	8	C:8 [Albumin closest to the time of transplant] : Not Done < 1=Not Done >
39	RCP_HCVTXP_Inr_VAL	Num	8	C:9 [INR closest to the time of transplant] : in <INR Units> MinRange = 1, MaxRange = 2.5
40	RCP_HCVTXP_Inr_ND	Num	8	C:9 [INR closest to the time of transplant] : Not Done < 1=Not Done >
41	RCP_HCVTXP_PtlyrImm	Char	50	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in place one year post-transplant? (Check all that apply)
42	RCP_HCVTXP_PtlyrImm_OSTXT	Char	50	D: [Recipient Immunosuppression] : Specify other immunosuppression:
43	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID
44	RCP_HCVTXP_Rna	Num	8	RCP_HCVTXP_RNA
45	RCP_HCVTXP_RNA_UNITS	Num	8	C: [Recipient Labs] : Pre-transplant HCV RNA
46	RCP_HCVTXP_Rna_ND	Num	8	C: [Recipient Labs] : Pre-transplant HCV RNA : Not Done < 1=Not Done >
47	RCP_HCVTXP_PtlyrImm_Pred	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (1: Prednisone (or oral equivalent))
48	RCP_HCVTXP_PtlyrImm_MePRDL	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (2: Methylprednisolone (or IV equivalent))
49	RCP_HCVTXP_PtlyrImm_CSA	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (3: Cyclosporine (Neoral, Gengraf or any other formulation))
50	RCP_HCVTXP_PtlyrImm_TAC	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (4: Tacrolimus (Prograf))
51	RCP_HCVTXP_PtlyrImm_RAPA	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (5: Rapamycin)
52	RCP_HCVTXP_PtlyrImm_RAD	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (6: Certican (RAD))
53	RCP_HCVTXP_PtlyrImm_AZA	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (7: Azathioprine (Imuran or generic))
54	RCP_HCVTXP_PtlyrImm_MMF	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (8: Mycophenolate mofetil (Cellcept or generic))
55	RCP_HCVTXP_PtlyrImm_ECMP5	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (9: Enteric-coated mycophenolic (Myfortic or generic))
56	RCP_HCVTXP_PtlyrImm_OTH	Num	8	D:1 [Recipient Immunosuppression] : What was the immunosuppression regimen in (90: Other immunosuppression (specify))

**Data Set Name: rcp\_hosp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_hosp_admit_rcx	Num	8	Recipient hospitalization: admission date
2	rcp_hosp_rform	Num	8	Recipient hospitalization form recorded in Retro
3	rcp_hosp_cform	Num	8	Recipient hospitalization form recorded in Cohort
4	ID_char	Char	6	Patient ID that links Retro and Cohort data: Retro (it may be in Cohort) <span style="float: right;">=Retro ID if in =Cohort ID if in Cohort only</span>
5	rcp_resp_id_r	Num	8	Recipient resp id
6	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
7	a2all_id_c	Char	6	Unique patient ID in Cohort
8	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) <span style="float: right;">=Retro resp_id if in Retro only =Core ID if in Core only</span>
9	rcp_site_id_x	Num	8	Facility ID
10	a2all_id_x	Char	6	Patient ID in Core
11	rcp_hosp_xform	Num	8	Recipient hospitalization form recorded in Core
12	rcp_hosp_dc_rcx	Num	8	Recipient hospitalization: discharge date
13	rcp_hosp_dcdest_rcx	Num	8	Recipient hospitalization: discharge destination
14	rcp_hosp_dcdx_rcx	Char	299	Recipient hospitalization: discharge diagnosi
15	rcp_hosp_type_rcx	Num	8	Recipient hospitalization: hospital type
16	rcp_hosp_icuday_rcx	Num	8	Recipient hospitalization: number of days in ICU
17	rcp_hosp_morb_cx	Num	8	
18	rcp_hosp_reason_rcx	Num	8	Recipient hospitalization: admission reason



**Data Set Name: rcp\_hosp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_hosp_admit_rc	Num	8	Recipient hospitalization: admission date
2	rcp_hosp_rform	Num	8	Recipient hospitalization form recorded in Retro
3	rcp_hosp_morb_c	Num	8	Recipient hospitalization: was this admission associated with a study-tracked post-txp complication?
4	rcp_hosp_cform	Num	8	Recipient hospitalization form recorded in Cohort
5	rcp_hosp_dc_rc	Num	8	Recipient hospitalization: discharge date
6	rcp_hosp_dcdest_rc	Num	8	Recipient hospitalization: discharge destination
7	rcp_hosp_dcdx_rc	Char	10	Recipient hospitalization: discharge diagnosis
8	rcp_hosp_type_rc	Num	8	Recipient hospitalization: hospital type
9	rcp_hosp_icuday_rc	Num	8	Recipient hospitalization: number of days in ICU
10	rcp_hosp_reason_rc	Num	8	Recipient hospitalization: admission reason
11	ID_char	Char	6	Patient ID that links Retro and Cohort data: Retro (it may be in Cohort) <span style="float: right;">=Retro ID if in =Cohort ID if in Cohort only</span>
12	rcp_resp_id_r	Num	8	Recipient resp id
13	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
14	a2all_id_c	Char	6	Unique patient ID in Cohort
15	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Cohort ID if in Cohort (it may be in Retro or Core) <span style="float: right;">=Retro resp_id if in Retro only =Core ID if in Core only</span>

**Data Set Name: rcp\_intraop\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: in Retro only =Retro resp_id if =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
2	dnr_ID	Char	6	Donor ID that links Retro, Cohort, and Core data: in Retro only =Retro donor id if =Cohort donor ID if in Cohort (it may be in Retro or Core) =Core donor ID if in Core only
3	rcp_wit_io_x	Num	8	Recipient intraop: Warm Ischemia Time
4	rcp_dial_io_x	Num	8	Recipient intraop: B:2 [ RCP Condition at Txp ] : Recipient on dialysis at transplant?
5	rcp_wt_io_x	Num	8	Recipient intraop: B:3 [Recipient weight closest to the time of transplant] : Not Done < 1=Not Done >
6	rcp_dnrht_val_io_x	Num	8	Recipient intraop: C:1 [Donor height closest to the time of donation:] : in <Inches> MinRange = 48, MaxRange = 84
7	rcp_dnrwt_val_io_x	Num	8	Recipient intraop: C:2 [Donor weight closest to the time of donation:] : in <Kilograms> MinRange = 36, MaxRange = 160
8	rcp_modmed_io_x	Num	8	Recipient intraop: E:6 [ RCP Pressure & Flow Measurements 1 ] : Medical modulation (intraoperatively or immediately post-operatively)?
9	rcp_modmedty_io_x	Char	30	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : If yes, what medical modulation was used (check all that apply)?
10	rcp_bducttype_io_x	Num	8	Recipient intraop: D:1 [ RCP Operative Recon Details ] : Choose the biliary reconstruction from the choices on the figure below:
11	rcp_bductrecon_io_x	Num	8	Recipient intraop: D:2 [ RCP Operative Recon Details ] : Choose the biliary reconstruction type according to the figure below:
12	rcp_bductaccessory_io_x	Num	8	Recipient intraop: D:3 [ RCP Operative Recon Details ] : Was an accessory duct oversewn?
13	rcp_bductstent_io_x	Num	8	Recipient intraop: D:4 [ RCP Operative Recon Details ] : Was a stent used in the reconstruction?
14	rcp_venreconligate_io_x	Num	8	Recipient intraop: D:5 [ RCP Operative Recon Details ] : Was there back table ligation of any segmental veins?
15	rcp_venreconmidvein_io_x	Num	8	Recipient intraop: D:6 [ RCP Operative Recon Details ] : Was the middle hepatic vein included?
16	rcp_rlobevenrecon_io_x	Num	8	D:7 [ RCP Operative Recon Details ] : Right lobe graft hepatic venous reconstruction (only answered if Right lobe graft):
17	rcp_rlobevenconduit_io_x	Num	8	Recipient intraop: D: [ RCP Operative Recon Details ] : If yes to interposition graft, indicate the type of conduit used:
18	rcp_llobevenrecon_io_x	Num	8	Recipient intraop: D:8 [ RCP Operative Recon Details ] : Left lobe graft hepatic venous reconstruction (only answered if Left lobe graft):
19	rcp_llsegventrecon_io_x	Num	8	Recipient intraop: D:9 [ RCP Operative Recon Details ] : Left lateral segment graft hepatic venous reconstruction (only answered if Left lateral segment graft):
20	rcp_portvenrecon_io_x	Num	8	Recipient intraop: D:10 [ RCP Operative Recon Details ] : Portal venous reconstruction:
21	rcp_portvencouduit_io_x	Num	8	Recipient intraop: D: [ RCP Operative Recon Details ] : If yes to portal vein interposition graft, type of conduit used:

Num	Variable	Type	Len	Label
22	rcp_mod_io_x	Num	8	Recipient intraop: E:1 [ RCP Pressure & Flow Measurements 1 ] : Was intraoperative portal vein modulation done? (if no skip to question E-6, otherwise please answer questions for each modulation procedure listed below)
23	rcp_modsplenect_io_x	Num	8	Recipient intraop: E:2 [ RCP Pressure & Flow Measurements 1 ] : Was a splenectomy performed?
24	rcp_modsplenectreason_io_x	Char	30	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : If yes, why was the modulation done? (check all that apply)
25	rcp_modsal_io_x	Num	8	Recipient intraop: E:3 [ RCP Pressure & Flow Measurements 1 ] : Was a splenic artery ligation performed?
26	rcp_modsalreason_io_x	Char	30	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : If yes, why was the modulation done? (check all that apply)
27	rcp_modshunt_io_x	Num	8	Recipient intraop: E:4 [ RCP Pressure & Flow Measurements 1 ] : Was a portocaval shunt done?
28	rcp_modshuntsz_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Shunt size: mm
29	rcp_modshuntty_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Shunt material:
30	rcp_modshuntreason_io_x	Char	30	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : If yes, why was the modulation done? (check all that apply)
31	rcp_modvessligate_io_x	Num	8	Recipient intraop: E:5 [ RCP Pressure & Flow Measurements 1 ] : Was a collateral vein ligated as a portal vein flow modulation?
32	rcp_modvessligatereason_io_x	Char	30	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : If yes, why was the modulation done? (check all that apply)
33	rcp_nlafmeasure_io_x	Num	8	Recipient intraop: E:7 [ RCP Pressure & Flow Measurements 1 ] : Hepatic artery flow (native liver):
34	rcp_nlafmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Mean: ml/min
35	rcp_nlafmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Minimum: ml/min
36	rcp_nlafmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Maximum: ml/min
37	rcp_nlpfmeaure_io_x	Num	8	Recipient intraop: E:8 [ RCP Pressure & Flow Measurements 1 ] : Portal vein flow (native liver):
38	rcp_nlpfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Mean: ml/min
39	rcp_nlpfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Minimum: ml/min
40	rcp_nlpfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 1 ] : Maximum: ml/min
41	rcp_nlppclamp_io_x	Num	8	Recipient intraop: E:9 [ RCP Pressure & Flow Measurements 1 ] : Clamped portal vein pressure (native liver):
42	rcp_nlppclamp_units_io_x	Num	8	Recipient intraop: E:9 [ RCP Pressure & Flow Measurements 1 ] : Clamped portal vein pressure (native liver):
43	rcp_nlppopen_io_x	Num	8	Recipient intraop: E:10 [ RCP Pressure & Flow Measurements 1 ] : Unclamped portal vein pressure (native liver):
44	rcp_nlppopen_units_io_x	Num	8	Recipient intraop: E:10 [ RCP Pressure & Flow Measurements 1 ] : Unclamped portal vein pressure (native liver):
45	rcp_nlmap_io_x	Num	8	Recipient intraop: E:11 [ RCP Pressure & Flow Measurements 1 ] : Mean arterial pressure (native liver): mmHg

Num	Variable	Type	Len	Label
46	rcp_nlcvp_io_x	Num	8	Recipient intraop: E:12 [ RCP Pressure & Flow Measurements 1 ] : Central venous pressure (native liver): mmHg
47	rcp_nlcardoutp_io_x	Num	8	Recipient intraop: E:13 [ RCP Pressure & Flow Measurements 1 ] : Cardiac output (native liver):
48	rcp_nlcardoutp_units_io_x	Num	8	Recipient intraop: E:13 [ RCP Pressure & Flow Measurements 1 ] : Cardiac output (native liver):
49	rcp_prereperfmmod_io_x	Num	8	Recipient intraop: E:14 [ RCP Pressure & Flow Measurements 2 ] : Was any portal vein flow modulation done prior to reperfusion?
50	rcp_afmeasure_io_x	Num	8	Recipient intraop: E:15 [ RCP Pressure & Flow Measurements 2 ] : Hepatic artery flow (after graft reperfusion):
51	rcp_afmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Mean: ml/min
52	rcp_afmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Minimum: ml/min
53	rcp_afmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Maximum: ml/min
54	rcp_pfmeasure_io_x	Num	8	Recipient intraop: E:16 [ RCP Pressure & Flow Measurements 2 ] : Portal vein flow (after graft reperfusion):
55	rcp_pfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Mean: ml/min
56	rcp_pfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Minimum: ml/min
57	rcp_pfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Maximum: ml/min
58	rcp_ppclamp_io_x	Num	8	Recipient intraop: E:17 [ RCP Pressure & Flow Measurements 2 ] : Clamped portal vein pressure (after graft reperfusion):
59	rcp_ppclamp_units_io_x	Num	8	Recipient intraop: E:17 [ RCP Pressure & Flow Measurements 2 ] : Clamped portal vein pressure (after graft reperfusion):
60	rcp_ppopen_units_io_x	Num	8	Recipient intraop: E:18 [ RCP Pressure & Flow Measurements 2 ] : Unclamped portal vein pressure (after graft reperfusion):
61	rcp_ppopen_io_x	Num	8	Recipient intraop: E:18 [ RCP Pressure & Flow Measurements 2 ] : Unclamped portal vein pressure (after graft reperfusion):
62	rcp_map_io_x	Num	8	Recipient intraop: E:19 [ RCP Pressure & Flow Measurements 2 ] : Mean arterial pressure (after graft reperfusion): mmHg
63	rcp_cvp_io_x	Num	8	Recipient intraop: E:20 [ RCP Pressure & Flow Measurements 2 ] : Central venous pressure (after graft reperfusion): mmHg
64	rcp_cardoutp_io_x	Num	8	Recipient intraop: E:21 [ RCP Pressure & Flow Measurements 2 ] : Cardiac output (after graft reperfusion):
65	rcp_cardoutp_units_io_x	Num	8	Recipient intraop: E:21 [ RCP Pressure & Flow Measurements 2 ] : Cardiac output (after graft reperfusion):
66	rcp_postreperfmmod_io_x	Num	8	Recipient intraop: E:22 [ RCP Pressure & Flow Measurements 2 ] : Were any post-reperfusion portal vein modulations performed?
67	rcp_postreperfmmodnum_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : If yes, how many post-reperfusion portal vein modulations were performed? (Please fill out the pressure and flow measurements for each modulation.)
68	rcp_modltype_io_x	Num	8	Recipient intraop: E:23 [ RCP Pressure & Flow Measurements 2 ] : Type of portal vein modulation performed:
69	rcp_modlafmeasure_io_x	Num	8	Recipient intraop: E:24 [ RCP Pressure & Flow Measurements 2 ] : Hepatic artery flow (after modulation 1):

Num	Variable	Type	Len	Label
70	rcp_mod1afmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Mean: ml/min
71	rcp_mod1afmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Minimum: ml/min
72	rcp_mod1afmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Maximum: ml/min
73	rcp_mod1pfmeasure_io_x	Num	8	Recipient intraop: E:25 [ RCP Pressure & Flow Measurements 2 ] : Portal vein flow (after modulation 1):
74	rcp_mod1pfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Mean: ml/min
75	rcp_mod1pfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Minimum: ml/min
76	rcp_mod1pfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 2 ] : Maximum: ml/min
77	rcp_mod1ppclamp_io_x	Num	8	Recipient intraop: E:26 [ RCP Pressure & Flow Measurements 2 ] : Clamped portal vein pressure (after modulation 1):
78	rcp_mod1ppclamp_units_io_x	Num	8	Recipient intraop: E:26 [ RCP Pressure & Flow Measurements 2 ] : Clamped portal vein pressure (after modulation 1):
79	rcp_mod1ppopen_units_io_x	Num	8	Recipient intraop: E:27 [ RCP Pressure & Flow Measurements 2 ] : Unclamped portal vein pressure (after modulation 1):
80	rcp_mod1ppopen_io_x	Num	8	Recipient intraop: E:27 [ RCP Pressure & Flow Measurements 2 ] : Unclamped portal vein pressure (after modulation 1):
81	rcp_mod1map_io_x	Num	8	Recipient intraop: E:28 [ RCP Pressure & Flow Measurements 2 ] : Mean arterial pressure (after modulation 1): mmHg
82	rcp_mod1cvp_io_x	Num	8	Recipient intraop: E:29 [ RCP Pressure & Flow Measurements 2 ] : Central venous pressure (after modulation 1): mmHg
83	rcp_mod1cardoutp_io_x	Num	8	Recipient intraop: E:30 [ RCP Pressure & Flow Measurements 2 ] : Cardiac output (after modulation 1):
84	rcp_mod1cardoutp_units_io_x	Num	8	Recipient intraop: E:30 [ RCP Pressure & Flow Measurements 2 ] : Cardiac output (after modulation 1):
85	rcp_mod2type_io_x	Num	8	Recipient intraop: E:31 [ RCP Pressure & Flow Measurements 3 ] : Type of portal vein modulation performed:
86	rcp_mod2afmeasure_io_x	Num	8	Recipient intraop: E:32 [ RCP Pressure & Flow Measurements 3 ] : Hepatic artery flow (after modulation 2):
87	rcp_mod2afmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Mean: ml/min
88	rcp_mod2afmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Minimum: ml/min
89	rcp_mod2afmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Maximum: ml/min
90	rcp_mod2pfmeasure_io_x	Num	8	Recipient intraop: E:33 [ RCP Pressure & Flow Measurements 3 ] : Portal vein flow (after modulation 2):
91	rcp_mod2pfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Mean: ml/min
92	rcp_mod2pfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Minimum: ml/min
93	rcp_mod2pfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Maximum: ml/min
94	rcp_mod2ppclamp_io_x	Num	8	Recipient intraop: E:34 [ RCP Pressure & Flow Measurements 3 ] : Clamped portal vein pressure (after modulation 2):

Num	Variable	Type	Len	Label
95	rcp_mod2ppclamp_units_io_x	Num	8	Recipient intraop: E:34 [ RCP Pressure & Flow Measurements 3 ] : Clamped portal vein pressure (after modulation 2):
96	rcp_mod2ppopen_io_x	Num	8	Recipient intraop: E:35 [ RCP Pressure & Flow Measurements 3 ] : Unclamped portal vein pressure (after modulation 2):
97	rcp_mod2ppopen_units_io_x	Num	8	Recipient intraop: E:35 [ RCP Pressure & Flow Measurements 3 ] : Unclamped portal vein pressure (after modulation 2):
98	rcp_mod2map_io_x	Num	8	Recipient intraop: E:36 [ RCP Pressure & Flow Measurements 3 ] : Mean arterial pressure (after modulation 2): mmHg
99	rcp_mod2cvp_io_x	Num	8	Recipient intraop: E:37 [ RCP Pressure & Flow Measurements 3 ] : Central venous pressure (after modulation 2): mmHg
100	rcp_mod2cardoutp_io_x	Num	8	Recipient intraop: E:38 [ RCP Pressure & Flow Measurements 3 ] : Cardiac output (after modulation 2):
101	rcp_mod2cardoutp_units_io_x	Num	8	Recipient intraop: E:38 [ RCP Pressure & Flow Measurements 3 ] : Cardiac output (after modulation 2):
102	rcp_mod3type_io_x	Num	8	Recipient intraop: E:39 [ RCP Pressure & Flow Measurements 3 ] : Type of portal vein modulation performed:
103	rcp_mod3afmeasure_io_x	Num	8	Recipient intraop: E:40 [ RCP Pressure & Flow Measurements 3 ] : Hepatic artery flow (after modulation 3):
104	rcp_mod3afmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Mean: ml/min
105	rcp_mod3afmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Minimum: ml/min
106	rcp_mod3afmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Maximum: ml/min
107	rcp_mod3pfmeasure_io_x	Num	8	Recipient intraop: E:41 [ RCP Pressure & Flow Measurements 3 ] : Portal vein flow (after modulation 3):
108	rcp_mod3pfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Mean: ml/min
109	rcp_mod3pfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Minimum: ml/min
110	rcp_mod3pfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 3 ] : Maximum: ml/min
111	rcp_mod3ppclamp_io_x	Num	8	Recipient intraop: E:42 [ RCP Pressure & Flow Measurements 3 ] : Clamped portal vein pressure (after modulation 3):
112	rcp_mod3ppclamp_units_io_x	Num	8	Recipient intraop: E:42 [ RCP Pressure & Flow Measurements 3 ] : Clamped portal vein pressure (after modulation 3):
113	rcp_mod3ppopen_io_x	Num	8	Recipient intraop: E:43 [ RCP Pressure & Flow Measurements 3 ] : Unclamped portal vein pressure (after modulation 3):
114	rcp_mod3ppopen_units_io_x	Num	8	Recipient intraop: E:43 [ RCP Pressure & Flow Measurements 3 ] : Unclamped portal vein pressure (after modulation 3):
115	rcp_mod3map_io_x	Num	8	Recipient intraop: E:44 [ RCP Pressure & Flow Measurements 3 ] : Mean arterial pressure (after modulation 3): mmHg
116	rcp_mod3cvp_io_x	Num	8	Recipient intraop: E:45 [ RCP Pressure & Flow Measurements 3 ] : Central venous pressure (after modulation 3): mmHg
117	rcp_mod3cardoutp_io_x	Num	8	Recipient intraop: E:46 [ RCP Pressure & Flow Measurements 3 ] : Cardiac output (after modulation 3):
118	rcp_mod3cardoutp_units_io_x	Num	8	Recipient intraop: E:46 [ RCP Pressure & Flow Measurements 3 ] : Cardiac output (after modulation 3):

Num	Variable	Type	Len	Label
119	rcp_mod4type_io_x	Num	8	Recipient intraop: E:47 [ RCP Pressure & Flow Measurements 4] : Type of portal vein modulation performed:
120	rcp_mod4afmeasure_io_x	Num	8	Recipient intraop: E:48 [ RCP Pressure & Flow Measurements 4] : Hepatic artery flow (after modulation 4):
121	rcp_mod4afmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Mean: ml/min
122	rcp_mod4afmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Minimum: ml/min
123	rcp_mod4afmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Maximum: ml/min
124	rcp_mod4pfmeasure_io_x	Num	8	Recipient intraop: E:49 [ RCP Pressure & Flow Measurements 4] : Portal vein flow (after modulation 4):
125	rcp_mod4pfmean_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Mean: ml/min
126	rcp_mod4pfmin_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Minimum: ml/min
127	rcp_mod4pfmax_io_x	Num	8	Recipient intraop: E: [ RCP Pressure & Flow Measurements 4] : Maximum: ml/min
128	rcp_mod4ppclamp_io_x	Num	8	Recipient intraop: E:50 [ RCP Pressure & Flow Measurements 4] : Clamped portal vein pressure (after modulation 4):
129	rcp_mod4ppclamp_units_io_x	Num	8	Recipient intraop: E:50 [ RCP Pressure & Flow Measurements 4] : Clamped portal vein pressure (after modulation 4):
130	rcp_mod4ppopen_units_io_x	Num	8	Recipient intraop: E:51 [ RCP Pressure & Flow Measurements 4] : Unclamped portal vein pressure (after modulation 4):
131	rcp_mod4ppopen_io_x	Num	8	Recipient intraop: E:51 [ RCP Pressure & Flow Measurements 4] : Unclamped portal vein pressure (after modulation 4):
132	rcp_mod4map_io_x	Num	8	Recipient intraop: E:52 [ RCP Pressure & Flow Measurements 4] : Mean arterial pressure (after modulation 4): mmHg
133	rcp_mod4cvp_io_x	Num	8	Recipient intraop: E:53 [ RCP Pressure & Flow Measurements 4] : Central venous pressure (after modulation 4): mmHg
134	rcp_mod4cardoutp_io_x	Num	8	Recipient intraop: E:54 [ RCP Pressure & Flow Measurements 4] : Cardiac output (after modulation 4):
135	rcp_mod4cardoutp_units_io_x	Num	8	Recipient intraop: E:54 [ RCP Pressure & Flow Measurements 4] : Cardiac output (after modulation 4):
136	QuestionnaireAuditingID	Num	8	QuestionnaireAuditingID
137	RCP_IO_ModMedTy_OSTXT	Char	200	RCP_IO_PORTMOD_MED_TYOSTXT
138	rcp_modmedty_octreotide_io_x	Num	8	Recipient intraop: C: [ RCP Surgery Info] : If yes, which medications were used (check all that app (1: Octreotide)
139	rcp_modmedty_propranolol_io_x	Num	8	Recipient intraop: C: [ RCP Surgery Info] : If yes, which medications were used (check all that app (2: Propranolol)
140	rcp_modmedty_vasopressin_io_x	Num	8	Recipient intraop: C: [ RCP Surgery Info] : If yes, which medications were used (check all that app (3: Vasopressin)
141	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
142	rcp_arttime_io_r	Num	8	Recipient intraop: If previous answer is separately, Time to Arterialization
143	rcp_ascites_io_r	Num	8	Recipient intraop: How much ascites, (in ccs) was suctioned out during the operation? If none, record 0.
144	rcp_cvrecontyp_io_r	Char	48	Recipient intraop: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis

Num	Variable	Type	Len	Label
145	rcp_lvrecontyp_ld_io_r	Char	55	Recipient intraop: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis (e.g. donor ileac vein)
146	rcp_surgtim_r	Num	8	Recipient intraop: total time of surgery
147	domino_r	Num	8	Recipient intraop: Domino transplant
148	a2all_id_c	Char	6	Unique patient ID in Cohort
149	rcp_artanasgrft_spec_dd_io_c	Char	145	Recipient intraop: Specify what type of graft/conduit was used to complete arterial anastomosis:
150	rcp_art_time_dd_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization:
151	rcp_asictes_dd_io_c	Num	8	Recipient intraop: How much ascites was suctioned out during the surgery?
152	rcp_autotrans_amt_dd_io_c	Num	8	Recipient intraop: Total amount transfused:
153	rcp_btpvc_spec_dd_io_c	Char	85	Recipient intraop: Specify "other" type of back-table portal venous reconstruction:
154	rcp_othersurg_spec_dd_io_c	Char	72	Recipient intraop: What other non-transplant procedures performed during the operation?
155	rcp_artanasgrft_spec_ld_io_c	Char	164	Recipient intraop: Specify what type of graft/conduit was used to complete arterial anastomosis:
156	rcp_art_time_ld_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization
157	rcp_ascites_ld_io_c	Num	8	Recipient intraop: How much ascites was suctioned out during the surgery?
158	rcp_autotrans_amount_ld_io_c	Num	8	Recipient intraop: Total amount transfused:
159	rcp_btba_spec_ld_io_c	Char	300	Recipient intraop: Specify "other" back-table biliary reconstruction:
160	rcp_bthvr_spec_ld_io_c	Char	175	Recipient intraop: Specify "other" back-table hepatic venous reconstruction type:
161	rcp_btpvc_spec_ld_io_c	Char	74	Recipient intraop: Specify "other" type of back-table portal venous reconstruction:
162	rcp_gva_oth_ld_io_c	Char	54	Recipient intraop: Specify "other" graft venous anastomosis type:
163	rcp_othersurg_spec_ld_io_c	Char	161	Recipient intraop: What other non-transplant procedures performed during the operation?
164	rcp_vga_oth_ld_io_c	Char	41	Recipient intraop: Specify "other" graft anastomosis:
165	domino_c	Num	8	Recipient intraop: Domino transplant recipient
166	rcp_witsep_io_rc	Num	8	Recipient intraop: If previous answer is separately, Warm Ischemia Time
167	rcp_witsim_io_rc	Num	8	Recipient intraop: If portal & arterial perfusion are performed simultaneously, Warm Ischemia Time
168	rcp_gatime_io_rc	Num	8	Recipient intraop: Total Anesthesia Time (in minutes). Defined as induction to skin closure and dressing
169	rcp_skintime_io_rc	Num	8	Recipient intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
170	rcp_duration_io_rc	Num	8	Recipient intraop: operation length (=incision to skin closure, if missing, =anesthesia, if missing, =surgery time)
171	rcp_prbc_io_rc	Num	8	Recipient intraop: How many units of packed red blood cells did the recipient receive during the transplant?
172	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
173	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
174	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
175	LDLT_rc	Num	8	Recipient intraop: LDLT



Num	Variable	Type	Len	Label
176	DDLT_rc	Num	8	Recipient intraop: DDLT
177	LDLT_dt_rc	Num	8	Recipient intraop: LDLT date
178	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
179	rcp_pxid_rc	Num	8	Recipient study information: PX ID
180	rcp_vanas1_ld_io_rc	Num	8	Recipient intraop: Describe the first living donor to recipient hepatic venous anastomosis
181	rcp_vanas2_ld_io_rc	Num	8	Recipient intraop: Describe the secpnd living donor to recipient hepatic venous anastomosis
182	rcp_vanas3_ld_io_rc	Num	8	Recipient intraop: Describe the third living donor to recipient hepatic venous anastomosis
183	rcp_vanas4_ld_io_rc	Num	8	Recipient intraop: Describe the fourth living donor to recipient hepatic venous anastomosis
184	rcp_cportanas_dd_io_r	Num	8	Recipient intraop: Number of Cadaveric Donor Portal Anastomoses
185	rcp_pva_num_ld_io_c	Num	8	Recipient intraop: Number of portal venous anastomoses performed:
186	rcp_artanat_dd_io_r	Num	8	Recipient intraop: If cadaveric whole graft, Whole cadaveric arterial anatomy
187	rcp_artrecon_dd_io_r	Num	8	Recipient intraop: Back-table arterial reconstruction for whole cadaveric donor
188	rcp_hrecontyp_ld_io_r	Num	8	Recipient intraop: If yes, to back-table hepatic venous reconstruction, Type of Back-Table Hepatic Venous Reconstruction
189	rcp_hbilrecontyp_io_r	Num	8	Recipient intraop: If yes to Back-Table Hepatic Biliary Reconstruction, Description of Back-Table Biliary Reconstruction
190	rcp_precontyp_io_r	Num	8	Recipient intraop: If yes to back-table portal venous reconstruction, Type of Back-Table Portal Venous Reconstruction
191	rcp_pa_perf_io_rc	Num	8	Recipient intraop: Are portal and arterial reperfusion performed separately or simultaneously?
192	rcp_prevabsurg_ld_io_c	Num	8	Recipient intraop: Did the recipient undergo previous abdominal surgical procedures?
193	rcp_arcuate_io_r	Num	8	Recipient intraop: Arcuate Ligament released
194	rcp_artanasut_io_r	Num	8	Recipient intraop: Arterial Anastomosis Graft Utilization
195	rcp_cadpiggy_dd_io_r	Num	8	Recipient intraop: If yes to cadaveric donor, Cadaveric Donor Piggy Back
196	rcp_hepbilrecon_io_r	Num	8	Recipient intraop: Back-Table Hepatic Biliary Reconstruction
197	rcp_hepvercon_ld_io_r	Num	8	Recipient intraop: Back-Table Hepatic Venous Reconstruction
198	rcp_otherproc_io_r	Num	8	Recipient intraop: Other Non-Transplant Procedures
199	rcp_porvrecon_io_r	Num	8	Recipient intraop: Back-Table Portal Reconstruction
200	rcp_artanas_grftuse_dd_io_c	Num	8	Recipient intraop: Was a graft/conduit utilized to complete arterial anastomosis?
201	rcp_autotrans_dd_io_c	Num	8	Recipient intraop: Was auto-transfusion used?
202	rcp_bt_pva_dd_io_c	Num	8	Recipient intraop: Did back-table portal venous reconstruction occur?
203	rcp_othersurg_dd_io_c	Num	8	Recipient intraop: Were other non-transplant procedures performed during the operation?
204	rcp_piggy_dd_io_c	Num	8	Recipient intraop: Was cadaveric graft done as a piggy back?
205	rcp_artanas_grfuse_ld_io_c	Num	8	Recipient intraop: Was a graft/conduit utilized to complete arterial anastomosis?
206	rcp_autotrans_ld_io_c	Num	8	Recipient intraop: Was auto-transfusion used?
207	rcp_bt_ba_ld_io_c	Num	8	Recipient intraop: Was there back-table biliary reconstruction:

Num	Variable	Type	Len	Label
208	rcp_bt_pva_ld_io_c	Num	8	Recipient intraop: Did back-table portal venous reconstruction occur?
209	rcp_bt_vrecon_ld_io_c	Num	8	Recipient intraop: Did back-table hepatic venous reconstruction occur?
210	rcp_othersurg_ld_io_c	Num	8	Recipient intraop: Were other non-transplant procedures performed during the operation?
211	rcp_portal_anas_site_1_dd_io_r	Num	8	Recipient intraop: Describe the first cadaveric donor to recipient portal vein anastomosis site.
212	rcp_portal_anas_site_2_dd_io_r	Num	8	Recipient intraop: Describe the second cadaveric donor to recipient portal vein anastomosis site.
213	rcp_portal_anas_site_3_dd_io_r	Num	8	Recipient intraop: Describe the third cadaveric donor to recipient portal vein anastomosis site.
214	rcp_portal_anas_site_4_dd_io_r	Num	8	Recipient intraop: Describe the fourth cadaveric donor to recipient portal vein anastomosis site.
215	rcp_portal_anas_site_5_dd_io_r	Num	8	Recipient intraop: Describe the fifth cadaveric donor to recipient portal vein anastomosis site.
216	rcp_pva1_ld_io_c	Num	8	Recipient intraop: Describe the first portal venous anastomosis:
217	rcp_pva2_ld_io_c	Num	8	Recipient intraop: Describe the second portal venous anastomosis:
218	rcp_pva3_ld_io_c	Num	8	Recipient intraop: Describe the third portal venous anastomosis:
219	rcp_pva4_ld_io_c	Num	8	Recipient intraop: Describe the fourth portal venous anastomosis:
220	rcp_pva5_ld_io_c	Num	8	Recipient intraop: Describe the fifth portal venous anastomosis:
221	rcp_bil_anas_site_1_ld_io_r	Num	8	Recipient intraop: Describe the first LDLT to recipient biliary anastomosis site.
222	rcp_bil_anas_site_2_ld_io_r	Num	8	Recipient intraop: Describe the second LDLT to recipient biliary anastomosis site.
223	rcp_bil_anas_site_3_ld_io_r	Num	8	Recipient intraop: Describe the third LDLT to recipient biliary anastomosis site.
224	rcp_bil_anas_site_4_ld_io_r	Num	8	Recipient intraop: Describe the fourth LDLT to recipient biliary anastomosis site.
225	rcp_bil_anas_site_5_ld_io_r	Num	8	Recipient intraop: Describe the fifth LDLT to recipient biliary anastomosis site.
226	rcp_ba1_ld_io_c	Num	8	Recipient intraop: Describe the first biliary anastomosis:
227	rcp_ba2_ld_io_c	Num	8	Recipient intraop: Describe the second biliary anastomosis:
228	rcp_ba3_ld_io_c	Num	8	Recipient intraop: Describe the third biliary anastomosis:
229	rcp_ba4_ld_io_c	Num	8	Recipient intraop: Describe the fourth biliary anastomosis:
230	rcp_ba5_ld_io_c	Num	8	Recipient intraop: Describe the fifth biliary anastomosis:
231	rcp_vtype_ld_io_c	Num	8	Recipient intraop: Describe the type of back-table hepatic venous reconstruction:
232	rcp_gva_type_ld_io_c	Num	8	Recipient intraop: Type of graft venous anastomosis
233	rcp_pva_graftanas_ld_io_c	Num	8	Recipient intraop: Type of venous graft anastomosis:
234	rcp_btpva_type_dd_io_c	Num	8	Recipient intraop: Type of back-table portal venous reconstruction:
235	rcp_btpva_type_ld_io_c	Num	8	Recipient intraop: Type of back-table portal venous reconstruction:
236	rcp_artanas1_ld_io_c	Num	8	Recipient intraop: Describe the first arterial anastomosis:
237	rcp_artanas2_ld_io_c	Num	8	Recipient intraop: Describe the second arterial anastomosis:
238	rcp_artanas3_ld_io_c	Num	8	Recipient intraop: Describe the third arterial anastomosis:
239	rcp_btba_type_ld_io_c	Num	8	Recipient intraop: Describe back-table biliary reconstruction:
240	rcp_art1_dd_io_c	Num	8	Recipient intraop: Describe the first arterial connection:
241	rcp_art2_dd_io_c	Num	8	Recipient intraop: Describe the second arterial connection:
242	rcp_art3_dd_io_c	Num	8	Recipient intraop: Describe the third arterial connection:

Num	Variable	Type	Len	Label
243	rcp_grftype_io_rc	Num	8	Recipient intraop: Graft Type
244	rcp_ba1_dd_io_c	Num	8	Recipient intraop: Describe the first biliary anastomosis:
245	rcp_abort_livqual_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: quality of donor liver
246	rcp_abort_litliv_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Insufficient liver mass
247	rcp_abort_tech_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Technical difficulties in donor
248	rcp_abort_dinst_ld_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Donor instability
249	rcp_abort_rinst_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Recipient instability
250	rcp_abort_rsurp_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Unexpected medical findings in recipient
251	rcp_abort_dot_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: Recipient death on table
252	rcp_abort_oth_io_rcx	Num	8	Recipient intraop: Procedure aborted reason: other
253	rcp_grftype_io_rcx	Num	8	Recipient intraop: Graft type:
254	rcp_cit_io_rcx	Num	8	Recipient intraop: Cold Ischemia Time
255	rcp_hva_num_ld_io_rcx	Num	8	Recipient intraop: If yes to Living Donor, Number of Living Donor Hepatic Venous Anastomoses
256	rcp_artanas_num_io_rcx	Num	8	Recipient intraop: Number of Arterial Anastomoses
257	rcp_ba_num_io_rcx	Num	8	Recipient intraop: Number of Biliary Anastomoses
258	rcp_abort_spec_io_cx	Char	200	Recipient intraop: Specify "other" reason for termination of transplant procedure prior to completion:
259	rcp_grftwt_measured_io_rcx	Num	8	Recipient intraop: Measured graft weight in gram
260	rcp_grftwt_predict_io_rcx	Num	8	Recipient intraop: Graft weight in gram (= measured graft weight, if measured graft weight was missing, then = predicted graft weight)
261	inr	Num	8	in Retro database
262	inc	Num	8	in Cohort database
263	domino_rc	Num	8	Recipient intraop: Domino transplant recipient
264	a2all_id_x	Char	6	Unique patient ID in Core
265	inx	Num	8	In Core database
266	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
267	rcp_abort_io_rcx	Num	8	Recipient intraop: was the transplant procedure aborted before completion?
268	rcp_surg_dt_rcx	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
269	LDLT_rcx	Num	8	Recipient intraop: LDLT
270	LDLT_dt_rcx	Num	8	Recipient intraop: LDLT date
271	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)
272	rcp_unospix_id_rcx	Num	8	Recipient study information: PX ID
273	rcp_cit_io_rcx_srs	Num	8	

**Data Set Name: rcp\_intraop\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
2	rcp_arttime_io_r	Num	8	Recipient intraop: If previous answer is separately, Time to Arterialization
3	rcp_ascites_io_r	Num	8	Recipient intraop: How much ascites, (in ccs) was suctioned out during the operation? If none, record 0.
4	rcp_cvrecontyp_io_r	Char	48	Recipient intraop: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis
5	rcp_lvrecontyp_ld_io_r	Char	55	Recipient intraop: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis (e.g. donor ileac vein)
6	rcp_surgtim_r	Num	8	Recipient intraop: total time of surgery
7	domino_r	Num	8	Recipient intraop: Domino transplant
8	a2all_id_c	Char	6	Unique patient ID in Cohort
9	rcp_artanasgrft_spec_dd_io_c	Char	145	Recipient intraop: Specify what type of graft/conduit was used to complete arterial anastomosis:
10	rcp_art_time_dd_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization:
11	rcp_asicetes_dd_io_c	Num	8	Recipient intraop: How much ascites was suctioned out during the surgery?
12	rcp_autotrans_amt_dd_io_c	Num	8	Recipient intraop: Total amount transfused:
13	rcp_btpvc_spec_dd_io_c	Char	85	Recipient intraop: Specify "other" type of back-table portal venous reconstruction:
14	rcp_othersurg_spec_dd_io_c	Char	72	Recipient intraop: What other non-transplant procedures performed during the operation?
15	rcp_artanasgrft_spec_ld_io_c	Char	164	Recipient intraop: Specify what type of graft/conduit was used to complete arterial anastomosis:
16	rcp_art_time_ld_io_c	Num	8	Recipient intraop: Time from portal reperfusion to arterialization
17	rcp_ascites_ld_io_c	Num	8	Recipient intraop: How much ascites was suctioned out during the surgery?
18	rcp_autotrans_amount_ld_io_c	Num	8	Recipient intraop: Total amount transfused:
19	rcp_btba_spec_ld_io_c	Char	300	Recipient intraop: Specify "other" back-table biliary reconstruction:
20	rcp_bthvr_spec_ld_io_c	Char	175	Recipient intraop: Specify "other" back-table hepatic venous reconstruction type:
21	rcp_btpvc_spec_ld_io_c	Char	74	Recipient intraop: Specify "other" type of back-table portal venous reconstruction:
22	rcp_gva_oth_ld_io_c	Char	54	Recipient intraop: Specify "other" graft venous anastomosis type:
23	rcp_othersurg_spec_ld_io_c	Char	161	Recipient intraop: What other non-transplant procedures performed during the operation?
24	rcp_vga_oth_ld_io_c	Char	41	Recipient intraop: Specify "other" graft anastomosis:
25	domino_c	Num	8	Recipient intraop: Domino transplant recipient
26	rcp_abort_livqual_io_rc	Num	8	Recipient intraop: Procedure aborted reason: quality of donor liver
27	rcp_abort_litliv_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Insufficient liver mass
28	rcp_abort_tech_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Technical difficulties in donor
29	rcp_abort_dinst_ld_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Donor instability
30	rcp_abort_rinst_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Recipient instability
31	rcp_abort_rsurp_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Unexpected medical findings in recipient

Num	Variable	Type	Len	Label
32	rcp_abort_dot_io_rc	Num	8	Recipient intraop: Procedure aborted reason: Recipient death on table
33	rcp_abort_oth_io_rc	Num	8	Recipient intraop: Procedure aborted reason: other
34	rcp_abort_spec_io_c	Char	28	Recipient intraop: Specify "other" reason for termination of transplant procedure prior to completion:
35	rcp_cit_io_rc	Num	8	Recipient intraop: Cold Ischemia Time (minutes)
36	rcp_witsep_io_rc	Num	8	Recipient intraop: If previous answer is separately, Warm Ischemia Time
37	rcp_witsim_io_rc	Num	8	Recipient intraop: If portal & arterial perfusion are performed simultaneously, Warm Ischemia Time
38	rcp_gatime_io_rc	Num	8	Recipient intraop: Total Anesthesia Time (in minutes). Defined as induction to skin closure and dressing
39	rcp_skintime_io_rc	Num	8	Recipient intraop: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
40	rcp_duration_io_rc	Num	8	Recipient intraop: operation length (=incision to skin closure, if missing, =anesthesia, if missing, =surgery time)
41	rcp_prbc_io_rc	Num	8	Recipient intraop: How many units of packed red blood cells did the recipient receive during the transplant?
42	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
43	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
44	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
45	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
46	LDLT_rc	Num	8	Recipient intraop: LDLT
47	DDLT_rc	Num	8	Recipient intraop: DDLT
48	rcp_surg_dt_rc	Num	8	Recipient intraop: date of surgery (incl. aborted procedure)
49	LDLT_dt_rc	Num	8	Recipient intraop: LDLT date
50	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
51	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
52	rcp_abort_io_rc	Num	8	Recipient intraop: Was the transplant procedure aborted before completion?
53	rcp_pxid_rc	Num	8	Recipient study information: PX ID
54	rcp_cit_io_rc_srs	Num	8	Recipient intraop: Cold Ischemia Time (minutes), A2ALL supplemented with SRTR
55	rcp_vanas1_ld_io_rc	Num	8	Recipient intraop: Describe the first living donor to recipient hepatic venous anastomosis
56	rcp_vanas2_ld_io_rc	Num	8	Recipient intraop: Describe the secpnd living donor to recipient hepatic venous anastomosis
57	rcp_vanas3_ld_io_rc	Num	8	Recipient intraop: Describe the third living donor to recipient hepatic venous anastomosis
58	rcp_vanas4_ld_io_rc	Num	8	Recipient intraop: Describe the fourth living donor to recipient hepatic venous anastomosis
59	rcp_cportanas_dd_io_r	Num	8	Recipient intraop: Number of Cadaveric Donor Portal Anastomoses
60	rcp_pva_num_ld_io_c	Num	8	Recipient intraop: Number of portal venous anastomoses performed:
61	rcp_ba_num_io_rc	Num	8	Recipient intraop: Number of Biliary Anastomoses

Num	Variable	Type	Len	Label
62	rcp_artanas_num_io_rc	Num	8	Recipient intraop: Number of Arterial Anastomoses
63	rcp_artanat_dd_io_r	Num	8	Recipient intraop: If cadaveric whole graft, Whole cadaveric arterial anatomy
64	rcp_artrecon_dd_io_r	Num	8	Recipient intraop: Back-table arterial reconstruction for whole cadaveric donor
65	rcp_hrecontyp_ld_io_r	Num	8	Recipient intraop: If yes, to back-table hepatic venous reconstruction, Type of Back-Table Hepatic Venous Reconstruction
66	rcp_hbirecontyp_io_r	Num	8	Recipient intraop: If yes to Back-Table Hepatic Biliary Reconstruction, Description of Back-Table Biliary Reconstruction
67	rcp_precontyp_io_r	Num	8	Recipient intraop: If yes to back-table portal venous reconstruction, Type of Back-Table Portal Venous Reconstruction
68	rcp_pa_perf_io_rc	Num	8	Recipient intraop: Are portal and arterial reperfusion performed separately or simultaneously?
69	rcp_prevabsurg_ld_io_c	Num	8	Recipient intraop: Did the recipient undergo previous abdominal surgical procedures?
70	rcp_arcuate_io_r	Num	8	Recipient intraop: Arcuate Ligament released
71	rcp_artanasut_io_r	Num	8	Recipient intraop: Arterial Anastomosis Graft Utilization
72	rcp_cadpiggy_dd_io_r	Num	8	Recipient intraop: If yes to cadaveric donor, Cadaveric Donor Piggy Back
73	rcp_hepbilrecon_io_r	Num	8	Recipient intraop: Back-Table Hepatic Biliary Reconstruction
74	rcp_hepvercon_ld_io_r	Num	8	Recipient intraop: Back-Table Hepatic Venous Reconstruction
75	rcp_otherproc_io_r	Num	8	Recipient intraop: Other Non-Transplant Procedures
76	rcp_porvrecon_io_r	Num	8	Recipient intraop: Back-Table Portal Reconstruction
77	rcp_artanas_grftuse_dd_io_c	Num	8	Recipient intraop: Was a graft/conduit utilized to complete arterial anastomosis?
78	rcp_autotrans_dd_io_c	Num	8	Recipient intraop: Was auto-transfusion used?
79	rcp_bt_pva_dd_io_c	Num	8	Recipient intraop: Did back-table portal venous reconstruction occur?
80	rcp_othersurg_dd_io_c	Num	8	Recipient intraop: Were other non-transplant procedures performed during the operation?
81	rcp_piggy_dd_io_c	Num	8	Recipient intraop: Was cadaveric graft done as a piggy back?
82	rcp_artanas_grfuse_ld_io_c	Num	8	Recipient intraop: Was a graft/conduit utilized to complete arterial anastomosis?
83	rcp_autotrans_ld_io_c	Num	8	Recipient intraop: Was auto-transfusion used?
84	rcp_bt_ba_ld_io_c	Num	8	Recipient intraop: Was there back-table biliary reconstruction:
85	rcp_bt_pva_ld_io_c	Num	8	Recipient intraop: Did back-table portal venous reconstruction occur?
86	rcp_bt_vrecon_ld_io_c	Num	8	Recipient intraop: Did back-table hepatic venous reconstruction occur?
87	rcp_othersurg_ld_io_c	Num	8	Recipient intraop: Were other non-transplant procedures performed during the operation?
88	rcp_portal_anas_site_1_dd_io_r	Num	8	Recipient intraop: Describe the first cadaveric donor to recipient portal vein anastomosis site.
89	rcp_portal_anas_site_2_dd_io_r	Num	8	Recipient intraop: Describe the second cadaveric donor to recipient portal vein anastomosis site.
90	rcp_portal_anas_site_3_dd_io_r	Num	8	Recipient intraop: Describe the third cadaveric donor to recipient portal vein anastomosis site.
91	rcp_portal_anas_site_4_dd_io_r	Num	8	Recipient intraop: Describe the fourth cadaveric donor to recipient portal vein anastomosis site.
92	rcp_portal_anas_site_5_dd_io_r	Num	8	Recipient intraop: Describe the fifth cadaveric donor to recipient portal vein anastomosis site.

Num	Variable	Type	Len	Label
93	rcp_pva1_ld_io_c	Num	8	Recipient intraop: Describe the first portal venous anastomosis:
94	rcp_pva2_ld_io_c	Num	8	Recipient intraop: Describe the second portal venous anastomosis:
95	rcp_pva3_ld_io_c	Num	8	Recipient intraop: Describe the third portal venous anastomosis:
96	rcp_pva4_ld_io_c	Num	8	Recipient intraop: Describe the fourth portal venous anastomosis:
97	rcp_pva5_ld_io_c	Num	8	Recipient intraop: Describe the fifth portal venous anastomosis:
98	rcp_bil_anas_site_1_ld_io_r	Num	8	Recipient intraop: Describe the first LDLT to recipient biliary anastomosis site.
99	rcp_bil_anas_site_2_ld_io_r	Num	8	Recipient intraop: Describe the second LDLT to recipient biliary anastomosis site.
100	rcp_bil_anas_site_3_ld_io_r	Num	8	Recipient intraop: Describe the third LDLT to recipient biliary anastomosis site.
101	rcp_bil_anas_site_4_ld_io_r	Num	8	Recipient intraop: Describe the fourth LDLT to recipient biliary anastomosis site.
102	rcp_bil_anas_site_5_ld_io_r	Num	8	Recipient intraop: Describe the fifth LDLT to recipient biliary anastomosis site.
103	rcp_ba1_ld_io_c	Num	8	Recipient intraop: Describe the first biliary anastomosis:
104	rcp_ba2_ld_io_c	Num	8	Recipient intraop: Describe the second biliary anastomosis:
105	rcp_ba3_ld_io_c	Num	8	Recipient intraop: Describe the third biliary anastomosis:
106	rcp_ba4_ld_io_c	Num	8	Recipient intraop: Describe the fourth biliary anastomosis:
107	rcp_ba5_ld_io_c	Num	8	Recipient intraop: Describe the fifth biliary anastomosis:
108	rcp_vtype_ld_io_c	Num	8	Recipient intraop: Describe the type of back-table hepatic venous reconstruction:
109	rcp_gva_type_ld_io_c	Num	8	Recipient intraop: Type of graft venous anastomosis
110	rcp_pva_graftanas_ld_io_c	Num	8	Recipient intraop: Type of venous graft anastomosis:
111	rcp_btpva_type_dd_io_c	Num	8	Recipient intraop: Type of back-table portal venous reconstruction:
112	rcp_btpva_type_ld_io_c	Num	8	Recipient intraop: Type of back-table portal venous reconstruction:
113	rcp_artanas1_ld_io_c	Num	8	Recipient intraop: Describe the first arterial anastomosis:
114	rcp_artanas2_ld_io_c	Num	8	Recipient intraop: Describe the second arterial anastomosis:
115	rcp_artanas3_ld_io_c	Num	8	Recipient intraop: Describe the third arterial anastomosis:
116	rcp_btba_type_ld_io_c	Num	8	Recipient intraop: Describe back-table biliary reconstruction:
117	rcp_art1_dd_io_c	Num	8	Recipient intraop: Describe the first arterial connection:
118	rcp_art2_dd_io_c	Num	8	Recipient intraop: Describe the second arterial connection:
119	rcp_art3_dd_io_c	Num	8	Recipient intraop: Describe the third arterial connection:
120	rcp_grftype_io_rc	Num	8	Recipient intraop: Graft Type
121	rcp_hva_num_ld_io_rc	Num	8	Recipient intraop: If yes to Living Donor, Number of Living Donor Hepatic Venous Anastomoses
122	rcp_ba1_dd_io_c	Num	8	Recipient intraop: Describe the first biliary anastomosis:

**Data Set Name: rcp\_list\_r.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Unique patient ID in Retro
2	hcc_ablate_ls_r	Num	8	HCC at listing: How many ablations had the patient received immediately prior to or at listing?(record 0 for none)
3	hcc_abtype_ls_r	Char	1	HCC at listing: Type of Ablation
4	hcc_afp_ls_r	Num	8	HCC at listing: AFP result closest to listing (ng/ml)
5	hcc_chagent_ls_r	Char	3	HCC at listing: Therapeutic Agent used
6	hcc_chemo_ls_r	Char	1	HCC at listing: Chemotherapy and Radiation treatment prior to listing
7	hcc_exhep_ls_r	Char	1	HCC at listing: Cancer spread beyond the liver
8	hcc_locate_ls_r	Char	1	HCC at listing: HCC location
9	hcc_lymph_ls_r	Char	1	HCC at listing: Evidence of HCC in regional lymph nodes
10	hcc_nodes_ls_r	Char	1	HCC at listing: Number of HCC Nodules in the liver
11	hcc_restype_ls_r	Char	1	HCC at listing: If yes to resection, Type of Surgical Resection
12	hcc_sz1_ls_r	Num	8	HCC at listing: Size of nodule 1 (cm)
13	hcc_sz2_ls_r	Num	8	HCC at listing: Size of nodule 2 (cm)
14	hcc_sz3_ls_r	Num	8	HCC at listing: Size of nodule 3 (cm)
15	hcc_sz4_ls_r	Num	8	HCC at listing: Size of nodule 4 (cm)
16	hcc_sz5_ls_r	Num	8	HCC at listing: Size of nodule 5 (cm)
17	hcc_tclass_ls_r	Char	1	HCC at listing: Primary Tumor Classification
18	hcc_tuminv_ls_r	Char	1	HCC at listing: Location of tumor invasion on the portal vein?
19	hcc_vascin_ls_r	Char	1	HCC at listing: Vascular Invasion
20	rcp_delist_ls_r	Char	1	Recipient at listing: Has the patient been removed from the waiting list since the date of listing?
21	rcp_delistreason_ls_r	Char	3	Recipient at listing: If yes to de-listing, Reason for removal from list
22	rcp_listdate_ls_r	Num	8	Recipient at listing: Date of Listing. If patient has had previous liver transplants, see MOO for further instructions.
23	rcp_orappear_ls_r	Char	1	Recipient at listing: Was the patient brought to the operating room with the intention of receiving a liver transplant after the date of study enrollment?
24	rcp_removaldate_ls_r	Num	8	Recipient at listing: Date of removal from the waitlist
25	rcp_txp_ls_r	Char	1	Recipient at listing: Did the patient receive a liver transplant after the date of study enrollment?
26	rcp_ascites_ls_r	Char	3	Recipient at listing: ascites
27	rcp_chole_ls_r	Char	1	Recipient at listing: upper abdominal surgery, Cholecystectomy
28	rcp_employstat_ls_r	Char	3	Recipient at listing: employment at time of listing. WORKING indicates employment outside the attending school. NOT WORKING indicates unemployment and not attending school.
29	rcp_giresect_ls_r	Char	1	Recipient at listing: Upper abdominal surgery, Gastric Resection
30	rcp_medcond_ls_r	Char	1	Recipient at listing: medical condition at listing
31	rcp_otherabdsurg_ls_r	Char	74	Recipient at listing: Upper Abdominal Surgery, Other (specify)
32	rcp_prev_txp_ls_r	Char	1	Recipient at listing: Recipient previous liver transplants



Num	Variable	Type	Len	Label
33	rcp_sbresect_ls_r	Char	1	Recipient at listing: Upper abdominal surgery, Small Bowel Resection
34	rcp_alb_ls_r	Num	8	Recipient at listing: total serum albumin
35	rcp_cad_ls_r	Char	3	Recipient at listing: angina/coronary artery disease prior to listing
36	rcp_dialysis_ls_r	Char	3	Recipient at listing: dialysis prior to listing
37	rcp_dm_ls_r	Char	3	Recipient at listing: diabetes mellitus prior to listing
38	rcp_enceph_ls_r	Char	3	Recipient at listing: encephalopathy
39	rcp_fxostat_ls_r	Char	3	Recipient at listing: functional status
40	rcp_inr_ls_r	Num	8	Recipient at listing: INR
41	rcp_intraop_trigger_ls_r	Char	1	Recipient at listing: If the patient went to the OR with the intention of receiving a liver, then you must fill "Recipient Intraoperative Data" and the "Recipient Condition at Transplant" forms.
42	rcp_outcomes_trigger_ls_r	Char	1	Recipient at listing: Did the patient receive a liver transplant? If so, then you must fill out the following forms: "Recipient Morbidity", "Graft Outcomes", and "Basic Immunosuppression and Rejection Information".
43	rcp_sbp_ls_r	Char	3	Recipient at listing: spontaneous bacterial peritonitis prior to listing
44	rcp_creat_ls_r	Num	8	Recipient at listing: serum creatinine at listing
45	rcp_tiphx_ls_r	Char	3	Recipient at listing: history of TIPSS prior to listing
46	rcp_bili_ls_r	Num	8	Recipient at listing: total serum bilirubin
47	rcp_upabdsurg_ls_r	Char	3	Recipient at listing: previous upper abdominal surgery prior to listing
48	rcp_varicbleed_ls_r	Char	3	Recipient at listing: variceal bleeding within 2 weeks prior to listing
49	rcp_vent_ls_r	Char	1	Recipient at listing: on ventilator
50	rcp_wt_ls_r	Num	8	Recipient at listing: weight in kg
51	rcp_htn_ls_r	Char	3	Recipient at listing: drug treated systemic hypertension prior to listing
52	a2all_id_r	Char	5	RESP_LABEL
53	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
54	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only

**Data Set Name: rcp\_list\_retro.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Unique patient ID in Retro
2	hcc_ablate_ls_r	Num	8	HCC at listing: How many ablations had the patient received immediately prior to or at listing?(record 0 for none)
3	hcc_abtype_ls_r	Char	1	HCC at listing: Type of Ablation
4	hcc_afp_ls_r	Num	8	HCC at listing: AFP result closest to listing (ng/ml)
5	hcc_chagent_ls_r	Char	3	HCC at listing: Therapeutic Agent used
6	hcc_chemo_ls_r	Char	1	HCC at listing: Chemotherapy and Radiation treatment prior to listing
7	hcc_exhep_ls_r	Char	1	HCC at listing: Cancer spread beyond the liver
8	hcc_locate_ls_r	Char	1	HCC at listing: HCC location
9	hcc_lymph_ls_r	Char	1	HCC at listing: Evidence of HCC in regional lymph nodes
10	hcc_nodes_ls_r	Char	1	HCC at listing: Number of HCC Nodules in the liver
11	hcc_restype_ls_r	Char	1	HCC at listing: If yes to resection, Type of Surgical Resection
12	hcc_sz1_ls_r	Num	8	HCC at listing: Size of nodule 1 (cm)
13	hcc_sz2_ls_r	Num	8	HCC at listing: Size of nodule 2 (cm)
14	hcc_sz3_ls_r	Num	8	HCC at listing: Size of nodule 3 (cm)
15	hcc_sz4_ls_r	Num	8	HCC at listing: Size of nodule 4 (cm)
16	hcc_sz5_ls_r	Num	8	HCC at listing: Size of nodule 5 (cm)
17	hcc_tclass_ls_r	Char	1	HCC at listing: Primary Tumor Classification
18	hcc_tuminv_ls_r	Char	1	HCC at listing: Location of tumor invasion on the portal vein?
19	hcc_vascin_ls_r	Char	1	HCC at listing: Vascular Invasion
20	rcp_delist_ls_r	Char	1	Recipient at listing: Has the patient been removed from the waiting list since the date of listing?
21	rcp_delistreason_ls_r	Char	3	Recipient at listing: If yes to de-listing, Reason for removal from list
22	rcp_listdate_ls_r	Num	8	Recipient at listing: Date of Listing. If patient has had previous liver transplants, see MOO for further instructions.
23	rcp_orappear_ls_r	Char	1	Recipient at listing: Was the patient brought to the operating room with the intention of receiving a liver transplant after the date of study enrollment?
24	rcp_removaldate_ls_r	Num	8	Recipient at listing: Date of removal from the waitlist
25	rcp_txp_ls_r	Char	1	Recipient at listing: Did the patient receive a liver transplant after the date of study enrollment?
26	rcp_ascites_ls_r	Char	3	Recipient at listing: ascites
27	rcp_chole_ls_r	Char	1	Recipient at listing: upper abdominal surgery, Cholecystectomy
28	rcp_employstat_ls_r	Char	3	Recipient at listing: employment at time of listing. WORKING indicates employment outside the attending school. NOT WORKING indicates unemployment and not attending school.
29	rcp_giresect_ls_r	Char	1	Recipient at listing: Upper abdominal surgery, Gastric Resection
30	rcp_medcond_ls_r	Char	1	Recipient at listing: medical condition at listing
31	rcp_otherabdsurg_ls_r	Char	74	Recipient at listing: Upper Abdominal Surgery, Other (specify)
32	rcp_prev_txp_ls_r	Char	1	Recipient at listing: Recipient previous liver transplants

Num	Variable	Type	Len	Label
33	rcp_sbresect_ls_r	Char	1	Recipient at listing: Upper abdominal surgery, Small Bowel Resection
34	rcp_alb_ls_r	Num	8	Recipient at listing: total serum albumin
35	rcp_cad_ls_r	Char	3	Recipient at listing: angina/coronary artery disease prior to listing
36	rcp_dialysis_ls_r	Char	3	Recipient at listing: dialysis prior to listing
37	rcp_dm_ls_r	Char	3	Recipient at listing: diabetes mellitus prior to listing
38	rcp_enceph_ls_r	Char	3	Recipient at listing: encephalopathy
39	rcp_fxostat_ls_r	Char	3	Recipient at listing: functional status
40	rcp_inr_ls_r	Num	8	Recipient at listing: INR
41	rcp_intraop_trigger_ls_r	Char	1	Recipient at listing: If the patient went to the OR with the intention of receiving a liver, then you must fill "Recipient Intraoperative Data" and the "Recipient Condition at Transplant" forms.
42	rcp_outcomes_trigger_ls_r	Char	1	Recipient at listing: Did the patient receive a liver transplant? If so, then you must fill out the following forms: "Recipient Morbidity", "Graft Outcomes", and "Basic Immunosuppression and Rejection Information".
43	rcp_sbp_ls_r	Char	3	Recipient at listing: spontaneous bacterial peritonitis prior to listing
44	rcp_creat_ls_r	Num	8	Recipient at listing: serum creatinine at listing
45	rcp_tiphx_ls_r	Char	3	Recipient at listing: history of TIPSS prior to listing
46	rcp_bili_ls_r	Num	8	Recipient at listing: total serum bilirubin
47	rcp_upabdsurg_ls_r	Char	3	Recipient at listing: previous upper abdominal surgery prior to listing
48	rcp_varicbleed_ls_r	Char	3	Recipient at listing: variceal bleeding within 2 weeks prior to listing
49	rcp_vent_ls_r	Char	1	Recipient at listing: on ventilator
50	rcp_wt_ls_r	Num	8	Recipient at listing: weight in kg
51	rcp_htn_ls_r	Char	3	Recipient at listing: drug treated systemic hypertension prior to listing
52	a2all_id_r	Char	5	RESP_LABEL
53	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
54	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only

**Data Set Name: rcp\_posttxp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_timept_posttxp	Char	7	Recipient post-transplant assessment: Time Point
2	ID	Char	6	Subject ID
3	rcp_bx_posttxp_x	Num	8	Recipient post-transplant assessment: A:4 [ RCP Status] : Did the patient have a biopsy performed since the last assessment? (if yes, fill out biopsy report CRF)
4	rcp_rejnum_posttxp_x	Num	8	A: [ RCP Status] : If yes, how many biopsy-proven rejection episodes has the patient had since the last assessment?
5	rcp_wt_nd_posttxp_x	Num	8	Recipient post-transplant assessment: B:1 [Recipient weight at this assessment] : Not Done < 1=Not Done >
6	rcp_wt_posttxp_x	Num	8	Recipient post-transplant assessment: B:1 [Recipient weight at this assessment] : in <Kilograms> MinRange = 36, MaxRange = 160
7	rcp_bun_posttxp_x	Num	8	Recipient post-transplant assessment: B:9 [Blood Urea Nitrogen (BUN) at this assessment] : in <mg/dl> MinRange = 4, MaxRange = 100
8	rcp_nobun_posttxp_x	Num	8	Recipient post-transplant assessment: B:9 [Blood Urea Nitrogen (BUN) at this assessment] : Not Done < 1=Not Done >
9	rcp_hgb_posttxp_x	Num	8	Recipient post-transplant assessment: B:10[Hemoglobin (Hgb) at this assessment] : in <g/dl> MinRange = 8, MaxRange = 18
10	rcp_nodgn_posttxp_x	Num	8	Recipient post-transplant assessment: B:10[Hemoglobin (Hgb) at this assessment] : Not Done < 1=Not Done >
11	rcp_wbc_posttxp_x	Num	8	Recipient post-transplant assessment: B:11[White blood count (WBC) at this assessment] : in <x10 <sup>3</sup> /mm <sup>3</sup> > MinRange = 1, MaxRange = 20
12	rcp_nowbc_posttxp_x	Num	8	Recipient post-transplant assessment: B:11[White blood count (WBC) at this assessment] : Not Done < 1=Not Done >
13	rcp_plate_posttxp_x	Num	8	Recipient post-transplant assessment: B:12[Platelet count at this assessment] : in <x10 <sup>3</sup> /mm <sup>3</sup> > MinRange = 20, MaxRange = 300
14	rcp_noplate_posttxp_x	Num	8	Recipient post-transplant assessment: B:12[Platelet count at this assessment] : Not Done < 1=Not Done >
15	rcp_drain_posttxp_x	Num	8	Recipient post-transplant assessment: B:14 [ RCP Day 28 Labs] : Did the patient have a drain in place at this assessment?
16	rcp_drainoutp_posttxp_x	Num	8	Recipient post-transplant assessment: B:13[Drain output at this assessment] : in <L/24 hrs> MinRange = 0.01, MaxRange = 1
17	rcp_nodrainoutp_posttxp_x	Num	8	Recipient post-transplant assessment: B:13[Drain output at this assessment] : Not Done < 1=Not Done >
18	rcp_enceph_posttxp_x	Num	8	Recipient post-transplant assessment: B:14 [ RCP Day 28 Labs] : Degree of hepatic encephalopathy:
19	rcp_spleenvol_m3_posttxp_x	Num	8	Recipient post-transplant assessment: C:2 [ RCP Imaging] : Spleen Volume (CT or MR): cc
20	rcp_mod_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:1 [ RCP Post-op Portal Vein Flow Modulations] : Was portal vein flow modulation performed after the recipient transplant operation?
21	rcp_modsplenect_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:2 [ RCP Post-op Portal Vein Flow Modulations] : Was the patient returned to the operating room for a splenectomy?

Num	Variable	Type	Len	Label
22	rcp_modsal_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:3 [ RCP Post-op Portal Vein Flow Modulations] : Was the patient returned to the operating room for splenic artery ligation?
23	rcp_modshunt_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:4 [ RCP Post-op Portal Vein Flow Modulations] : Was the patient returned to the operating room for portocaval shunt?
24	rcp_modshuntsz_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B: [ RCP Post-op Portal Vein Flow Modulations] : Shunt size: mm
25	rcp_modshuntty_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B: [ RCP Post-op Portal Vein Flow Modulations] : Shunt material:
26	rcp_modvessligate_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:5 [ RCP Post-op Portal Vein Flow Modulations] : Was the patient returned to the operating room for collateral vein ligation?
27	rcp_modmed_w1_posttxp_x	Num	8	Recipient post-transplant assessment: B:6 [ RCP Post-op Portal Vein Flow Modulations] : Was medical modulation started for the first time post-operatively? Answer "No" if it was started during the original transplant operation.
28	rcp_modmedty_w1_posttxp_x	Char	200	Recipient post-transplant assessment: B: [ RCP Post-op Portal Vein Flow Modulations] : If yes, what medical modulation was used? (check all that apply)
29	rcp_modmedty_spec_w1_posttxp_x	Char	200	Recipient post-transplant assessment: B: [ RCP Post-op Portal Vein Flow Modulations] : Specify other medical modulation:
30	rcp_sfss_w1_posttxp_x	Num	8	Recipient post-transplant assessment: J:15 [ RCP Day 7 Labs] : In the opinion of the PI, did the subject have small for size syndrome (SFSS)?
31	rcp_sfsscomp_w1_posttxp_x	Num	8	Recipient post-transplant assessment: J:16 [ RCP Day 7 Labs] : If the subject had SFSS, did the subject also have vascular and/or biliary complications:
32	rcp_hccincidental_posttxp_x	Num	8	Recipient post-transplant assessment: A:13 [ RCP Week 2 Status] : Was HCC an incidental finding on the explant pathology form?
33	hcc_ab3date_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #3 Date
34	hcc_ab4date_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #4 Date
35	hcc_abnum_posttxp_r	Num	8	HCC Recurrence & Rx: Number of post-transplant ablations (0 for none)
36	hcc_chstart_posttxp_r	Num	8	HCC Recurrence & Rx: If not ablative, Start date of therapy cycle
37	hcc_chstop_posttxp_r	Num	8	HCC Recurrence & Rx: If not ablative, Stop date of therapy cycle
38	hcv_txstop_posttxp_r	Num	8	HCV Recurrence & Rx: Stop Date of HCV Treatment
39	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
40	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
41	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
42	rcp_wt_kg_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient weight at this assessment (kg)
43	rcp_lastcon_posttxp_c	Num	8	Recipient post-transplant assessment: If status is "unknown", date of last contact
44	rcp_grftfail_dt_posttxp_c	Num	8	Recipient post-transplant assessment: date of graft failure
45	rcp_grftfail_prim_spec_posttxp_c	Char	76	Recipient post-transplant assessment: Specify "other" primary reason for graft failure
46	rcp_grftfail_sec_spec_posttxp_c	Char	76	Recipient post-transplant assessment: Specify "other" secondary reason for graft failure
47	rcp_othabsp_posttxp_c	Char	140	Recipient post-transplant assessment: Specify "other" antibody therapy used:

Num	Variable	Type	Len	Label
48	rcp_rejnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many biopsy-proven rejection episodes has the patient had since the last assessment?
49	rcp_hospnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many hospitalizations has the patient had since the last assessment?
50	rcp_compnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many study-tracked complications has the patient had since the last assessment?
51	rcp_saenum_posttxp_c	Num	8	Recipient post-transplant assessment: How many adverse events has the patient had since the last assessment?
52	rcp_insoth_posttxp_c	Char	140	Recipient post-transplant assessment: Specify "other" primary source of payment:
53	rcp_sysbp_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient systolic blood pressure at this assessment:
54	rcp_diabp_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient diastolic blood pressure at this assessment:
55	rcp_pt_posttxp_c	Num	8	Recipient post-transplant assessment: Record the PT value at this assessment:
56	rcp_whatstudy_posttxp_c	Char	140	Recipient post-transplant assessment: If the subject is a participant in another research study, what is the name of that study?
57	rcp_mri_m3_posttxp_c	Num	8	Recipient post-transplant assessment: Date of MRI done to assess post-txp liver volume at month 3:
58	rcp_preddose_m3_posttxp_c	Num	8	Recipient post-transplant assessment: Prednisone dose at 3 months, in mg. If none, enter "0". For an every other day regimen, divide the bi-daily dose by half and enter that amount.
59	hcc_doa_posttxp_c	Num	8	HCC post-transplant assessment: Date of assessment:
60	hcc_imageoth_posttxp_c	Char	77	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Other (specify):
61	hcc_extrahep_othspec_posttxp_c	Char	77	HCC post-transplant assessment: Other extrahepatic location
62	hcv_doa_posttxp_c	Num	8	HCV post-transplant assessment: Date of this assessment:
63	hcv_txothspec_posttxp_c	Char	30	HCV post-transplant assessment: Specify "other treatment"
64	hcv_infstop_posttxp_c	Num	8	HCV post-transplant assessment: If subject was receiving interferon at the last assessment, record the date of completion of interferon treatment:
65	hcv_ribastop_posttxp_c	Num	8	HCV post-transplant assessment: If subject was receiving ribavirin at the last assessment, record the date of completion of ribavirin treatment:
66	rcp_relistdt_rc	Num	8	Recipient post-transplant assessment: What was the date of re-listing?
67	rcp_afp_posttxp_rc	Num	8	Recipient post-transplant assessment: AFP reslt (ng/ml)
68	hcc_recurdate_posttxp_rc	Num	8	HCC post-transplant assessment: Date recurrence diagnosed
69	hcc_ab1date_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 1 Date:
70	hcc_ab2date_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 2 Date:
71	hcv_rnaval_posttxp_rc	Char	13	HCV post-transplant assessment: Record the quantitative HCV value at this assessment
72	hcv_rnadata_posttxp_rc	Num	8	HCV post-transplant assessment: Record the date of the RNA test:
73	hcv_txstart_posttxp_rc	Num	8	HCV post-transplant assessment: Record the date of initiation of post-transplant HCV treatment:
74	rcp_resp_id_r	Num	8	Recipient resp id
75	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC

Num	Variable	Type	Len	Label
76	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
77	rcp_otherstudy_posttxp_c	Num	8	Recipient post-transplant assessment: Is the subject currently a participant in another research study?
78	hcv_reason_nobx_posttxp_c	Num	8	HCV post-transplant assessment: If the protocol Bx was not done, indicate why:
79	hcc_chagent_posttxp_r	Num	8	HCC Recurrence & Rx: Therapeutic Agent used
80	rcp_grftfail_prim_posttxp_rc	Num	8	Recipient post-transplant assessment: What was the primary reason for graft failure?
81	rcp_grftfail_sec_posttxp_rc	Num	8	Recipient post-transplant assessment: What was the secondary reason for graft failure?
82	hcv_rna_level_posttxp_r	Num	8	HCV Recurrence & Rx: HCV RNA
83	rcp_relist_posttxp_rc	Num	8	Recipient post-transplant assessment: Was the patient relisted for transplant?
84	hcc_afp_yesno_posttxp_r	Num	8	HCC Recurrence & Rx: Post-operative AFP evaluation(s) performed
85	rcp_livfxn_posttxp_c	Num	8	Recipient post-transplant assessment: Was the liver functioning at the time of death?
86	rcp_retxp_posttxp_c	Num	8	Recipient post-transplant assessment: Did the subject receive another liver transplant?
87	hcc_ab1wedge_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Wedge
88	hcc_ab1seg_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Segment
89	hcc_ab1lobe_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Lobe
90	hcc_ab1nonat_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Non-anatomic
91	hcc_ab2wedge_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Wedge
92	hcc_ab2seg_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Segment
93	hcc_ab2lobe_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Lobe
94	hcc_ab2nonat_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Non-anatomic
95	rcp_mv_posttxp_c	Num	8	Recipient post-transplant assessment: Visit Missed
96	rcp_abx_posttxp_c	Num	8	Recipient post-transplant assessment: Antibody used?
97	rcp_atgam_posttxp_c	Num	8	Recipient post-transplant assessment: ATGAM
98	rcp_okt_posttxp_c	Num	8	Recipient post-transplant assessment: OKT3
99	rcp_thymo_posttxp_c	Num	8	Recipient post-transplant assessment: Thymoglobulin
100	rcp_zena_posttxp_c	Num	8	Recipient post-transplant assessment: Zenapax
101	rcp_simu_posttxp_c	Num	8	Recipient post-transplant assessment: Simulect
102	rcp_cam_posttxp_c	Num	8	Recipient post-transplant assessment: Campath
103	rcp_ab_posttxp_c	Num	8	Recipient post-transplant assessment: Other antibody therapy used?
104	rcp_nopt_posttxp_c	Num	8	Recipient post-transplant assessment: PT not done
105	rcp_noafp_posttxp_c	Num	8	Recipient post-transplant assessment: AFP not done
106	rcp_nomri_m3_posttxp_c	Num	8	Recipient post-transplant assessment: MRI not done
107	hcc_prechemo_posttxp_c	Num	8	HCC post-transplant assessment: Did the patient receive adjunctive/preventive/pre-emptive chemotherapy without a diagnosis of recurrent HCC since the last post-tpx assessment?
108	hcc_ct_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Chest CT

Num	Variable	Type	Len	Label
109	hcc_bonescan_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Bone scan
110	hcc_mri_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Abdominal MRI/Contrast CT
111	hcc_abwedge_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Wedge
112	hcc_abseg_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Segment
113	hcc_abnonat_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Non-anatomic
114	hcc_rad_posttxp_c	Num	8	HCC post-transplant assessment: Has the patient received radiation treatment for HCC recurrence since the last assessment?
115	hcv_bx_posttxp_c	Num	8	HCV post-transplant assessment: Was the protocol biopsy performed?
116	hcv_txlast_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing HCV treatment being given as of last assessment?
117	hcv_txconsn_posttxp_c	Num	8	HCV post-transplant assessment: Consensus Interferon
118	hcv_txoth_posttxp_c	Num	8	HCV post-transplant assessment: Other HCV treatment
119	hcv_txcont_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, HCV treatment continuing from previous assessment period.
120	hcv_infna_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, interferon treatment continuing.
121	hcv_ribatx_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing treatment with ribavirin being given at the last post-transplant assessment?
122	hcc_recur_posttxp_rc	Num	8	HCC post-transplant assessment: Did the patient develop HCC recurrence?
123	hcc_extrahep_ab_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Abdominal wall or incision
124	hcc_extrahep_bone_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Bone
125	hcc_extrahep_lung_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Lung
126	hcc_extrahep_oth_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Other
127	hcv_txstdinf_posttxp_rc	Num	8	HCV post-transplant assessment: Standard Interferon
128	hcv_txpeg_posttxp_rc	Num	8	HCV post-transplant assessment: PEG Interferon
129	hcv_txriba_posttxp_rc	Num	8	HCV post-transplant assessment: Ribavirin
130	hcv_tknow_posttxp_rc	Num	8	HCV post-transplant assessment: Did the patient receive anti-viral treatment
131	rcp_employ_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient employment status at this assessment:
132	rcp_dm_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient diabetes mellitus at this assessment?
133	rcp_dmtx_posttxp_c	Num	8	Recipient post-transplant assessment: Diabetes Treatment
134	rcp_codprim_posttxp_rc	Num	8	Recipient post-transplant assessment: Primary cause of death
135	rcp_codsec_posttxp_rc	Num	8	Recipient post-transplant assessment: Secondary cause of death
136	rcp_codtert_posttxp_rc	Num	8	Recipient post-transplant assessment: Tertiary cause of death
137	rcp_fxn_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient functional status at this assessment
138	rcp_ins_posttxp_c	Num	8	Recipient post-transplant assessment: Primary source of payment:
139	hcv_rnaunit_posttxp_rc	Num	8	HCV post-transplant assessment: Units for HCV quantification
140	hcc_recurloc_posttxp_rc	Num	8	HCC post-transplant assessment: Where was the initial site of recurrence?



Num	Variable	Type	Len	Label
141	hcc_ab1type_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 1 Type:
142	hcc_ab2type_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 2 Type:
143	hcc_ab3type_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #3 Type
144	hcc_ab4type_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #4 Type
145	hcc_chemo_posttxp_rc	Num	8	HCC post-transplant assessment: Has the patient received systemic or local chemotherapy (other than ablative chemoinfusion) to treat known HCC recurrence
146	hcv_inftx_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing treatment with interferon being given at the last post-transplant assessment?
147	hcv_ribana_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, ribavirin treatment continuing.
148	rcp_doa_posttxp_cx	Num	8	Recipient post-transplant assessment: Date of this assessment:
149	rcp_stat_posttxp_rcx	Num	8	Recipient post-transplant assessment: What is the recipients current status?
150	rcp_grftstat_posttxp_cx	Num	8	Recipient post-transplant assessment: What is the status of the liver graft?
151	rcp_rej_posttxp_cx	Num	8	Recipient post-transplant assessment: Did the patient have a rejection episode that was confirmed by biopsy since the last assessment?
152	rcp_hosp_posttxp_cx	Num	8	Recipient post-transplant assessment: Has the patient been hospitalized since the last assessment?
153	rcp_comp_posttxp_cx	Num	8	Recipient post-transplant assessment: Has the patient experienced a study-tracked complication since the last assessment?
154	rcp_sae_posttxp_cx	Num	8	Recipient post-transplant assessment: A:7 [ RCP Status] : Has the patient experienced an SAE since the last assessment? (If yes, fill out SAE CRF.)
155	rcp_cond_posttxp_cx	Num	8	Recipient post-transplant assessment: Recipient medical condition at this assessment
156	rcp_vent_posttxp_cx	Num	8	Recipient post-transplant assessment: Recipient on vendilator at this assessment?
157	rcp_dialy_posttxp_cx	Num	8	Recipient post-transplant assessment: Recipient dialysis at this assessment?
158	rcp_alb_posttxp_cx	Num	8	Recipient post-transplant assessment: Record the total serum albumin value at this assessment:
159	rcp_alk_posttxp_rcx	Num	8	Recipient post-transplant assessment: Serum ALK (IU/L)
160	rcp_alt_posttxp_cx	Num	8	Recipient post-transplant assessment: Record the serum alanine aminotransferase (ALT) value at this assessment:
161	rcp_ast_posttxp_rcx	Num	8	Recipient post-transplant assessment: Serum AST (IU/L)
162	rcp_bili_posttxp_rcx	Num	8	Recipient post-transplant assessment: Serum total bilirubin (mg/dl)
163	rcp_inr_posttxp_cx	Num	8	Recipient post-transplant assessment: Record the INR value at this assessment:
164	rcp_na_posttxp_cx	Num	8	Recipient post-transplant assessment: Record the serum sodium level at this assessment
165	rcp_creat_posttxp_cx	Num	8	Recipient post-transplant assessment: Record the serum creatinine value at this assessment:
166	rcp_noalb_posttxp_cx	Num	8	Recipient post-transplant assessment: albumin (ALB) not done
167	rcp_noalk_posttxp_cx	Num	8	Recipient post-transplant assessment: alkaline phosphatase (ALK) not done
168	rcp_noalt_posttxp_cx	Num	8	Recipient post-transplant assessment: alanine aminotransferase (ALT) not done
169	rcp_noast_posttxp_cx	Num	8	Recipient post-transplant assessment: aspartate transaminase (AST) not done
170	rcp_nobili_posttxp_cx	Num	8	Recipient post-transplant assessment: bilirubin not done

Num	Variable	Type	Len	Label
171	rcp_noinr_posttxp_cx	Num	8	Recipient post-transplant assessment: INR not done
172	rcp_nona_posttxp_cx	Num	8	Recipient post-transplant assessment: sodium level not done
173	rcp_nocreat_posttxp_cx	Num	8	Recipient post-transplant assessment: creatinine not done
174	rcp_imm_pred_posttxp_cx	Num	8	Recipient post-transplant assessment: Prednisone (or oral equivalent)
175	rcp_imm_metprdl_posttxp_cx	Num	8	Recipient post-transplant assessment: Methylprednisolone (or IV equivalent)
176	rcp_imm_cyclo_posttxp_cx	Num	8	Recipient post-transplant assessment: Cyclosporine (Neoral, Gengraf or any other formulation)
177	rcp_imm_fk_posttxp_cx	Num	8	Recipient post-transplant assessment: Tacrolimus (Prograf)
178	rcp_imm_rapa_posttxp_cx	Num	8	Recipient post-transplant assessment: Rapamycin
179	rcp_imm_cert_posttxp_cx	Num	8	Recipient post-transplant assessment: Certican (RAD)
180	rcp_imm_aztp_posttxp_cx	Num	8	Recipient post-transplant assessment: Azathioprine (Imuran or generic)
181	rcp_imm_mmf_posttxp_cx	Num	8	Recipient post-transplant assessment: Mycophenolate mofetil (Cellcept or generic)
182	rcp_imm_myfor_posttxp_cx	Num	8	Recipient post-transplant assessment: Enteric-coated mycophenolic acid (Myfortic or generic)
183	rcp_imm_oth_posttxp_cx	Num	8	Recipient post-transplant assessment: Other immunosuppression
184	rcp_imm_spec_posttxp_cx	Char	200	Recipient post-transplant assessment: Specify "other" immunosuppression
185	rcp_livol_m3_posttxp_cx	Num	8	Recipient post-transplant assessment: Liver Volume at month 3
186	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
187	a2all_id_c	Char	6	Unique patient ID in Cohort
188	inr	Num	8	in Retro database
189	inc	Num	8	in Cohort database
190	a2all_id_x	Char	6	Unique patient ID in Core
191	inx	Num	8	In Core database
192	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
193	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)

**Data Set Name: rcp\_posttxp\_bx\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Subject ID
2	hcvbx_dt_posttxp_rcx	Num	8	HCV post-transplant biopsy: Date of Biopsy:
3	hcvbx_route_posttxp_x	Num	8	HCV post-transplant biopsy: A:3 [ RCP BX Results ] : For HCV protocol biopsies, what was the route of the biopsy?
4	hcvbx_hvpg_posttxp_x	Num	8	HCV post-transplant biopsy: A: [ RCP BX Results ] : If transjugular, hepatic venous pressure gradient:
5	hcvbx_hvpg_units_posttxp_x	Num	8	HCV post-transplant biopsy: A: [ RCP BX Results ] : If transjugular, hepatic venous pressure gradient:
6	hcvbx_dgn_spec_posttxp_x	Char	100	HCV post-transplant biopsy: Diagnosis: Specify other diagnosis:
7	hcvbx_rejsev_posttxp_x	Num	8	HCV post-transplant biopsy: If Rejection, what was the severity?
8	hcvbx_questionnaire_audit_id_x	Num	8	HCV post-transplant biopsy: Questionnaire Auditing ID
9	hcvbx_dgn_rejchr_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Rejection - Chronic
10	hcvbx_dgn_hepact_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Acute Hepatitis Not Specified
11	hcvbx_dgn_hepchr_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Chronic Hepatitis Not Specified
12	hcvbx_dgn_isch_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Ischemic Hepatitis
13	hcvbx_dgn_chol_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Cholestasis Not Specified
14	hcvbx_dgn_nash_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: NASH/NAFLD
15	hcvbx_dgn_norm_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Normal
16	hcvbx_dgn_oth_posttxp_x	Num	8	HCV post-transplant biopsy: Diagnosis: Other
17	hcvbx_reason_hcvprotocol_x	Num	8	HCV post-transplant biopsy: A:2 [ RCP BX Results ] : Reason(s) for Biopsy (5: HCV Protocol)
18	hcvbx_slide_identifier_ut	Num	8	HCV biopsy central reading by Toronto: Slide identifier
19	hcvbx_num_portal_tract_ut	Char	4	HCV biopsy central reading by Toronto: Adequacy of Biopsy: Number of portal tracts
20	hcvbx_cholestatic_hep_ut	Char	10	HCV biopsy central reading by Toronto: Fibrosing cholestatic hepatitis
21	hcvbx_steat_pct_est_ut	Char	8	HCV biopsy central reading by Toronto: Steatosis % estimate
22	hcvbx_comments_ut	Char	73	HCV biopsy central reading by Toronto: comments
23	hcvbx_ishak_ut	Num	8	HCV biopsy central reading by Toronto: Ishak Score
24	hcvbx_slide_identifier_unc	Num	8	HCV biopsy central reading by UNC: Slide identifier
25	hcvbx_vesicle_unc	Num	8	HCV biopsy central reading by UNC: Steatosis: Vesicle Size
26	hcvbx_steat_pct_unc	Num	8	HCV biopsy central reading by UNC: Steatosis: %
27	hcvbx_rform	Num	8	HCV post-transplant biopsy form recorded in Retro
28	hcvbx_review_posttxp_c	Num	8	HCV post-transplant biopsy: Date of review:
29	hcvbx_pathname_posttxp_c	Char	28	HCV post-transplant biopsy: Name of pathologist reading biopsy
30	hcvbx_cform	Num	8	HCV post-transplant biopsy form recorded in Cohort
31	hcvbx_knodperi_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for periportal +/- bridging necrosis (A2ALL local reading)
32	hcvbx_knodinf_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for lobular inflammation and focal necrosis (A2ALL local reading)

Num	Variable	Type	Len	Label
33	hcvbx_knodport_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for portal inflammation (A2ALL local reading)
34	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
35	rcp_resp_id_r	Num	8	Recipient resp id
36	hcvbx_pretx_posttxp_r	Num	8	HCV post-transplant biopsy: Was a Liver Biopsy done immediately prior to initiation of HCV treatment?
37	hcvbx_prototime_posttxp_c	Num	8	HCV post-transplant biopsy: Post-transplant interval
38	hcvbx_knodinf_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Lobular Inflammation and Focal Necrosis
39	hcvbx_knodport_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Portal Inflammation
40	hcvbx_banff_portalinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Portal Inflammation Score
41	hcvbx_banff_bilductinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Bile Duct Inflammation Damage Score
42	hcvbx_banff_veendoinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Venous Endothelial Inflammation Score
43	hcvbx_cholestasis_unc	Num	8	HCV biopsy central reading by UNC: Cholestasis
44	hcvbx_interface_unc	Num	8	HCV biopsy central reading by UNC: Interface Activity
45	hcvbx_z3peris_unc	Num	8	HCV biopsy central reading by UNC: Presence of Zone 3 Perisinusoidal Fibrosis?
46	hcvbx_fragment_ut	Num	8	HCV biopsy central reading by Toronto: Adequacy of Biopsy: Fragmentation
47	hcvbx_banff_globalassess_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Global Assessment Score for Acute Rejection
48	hcvbx_knodperi_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Periportal +/-Bridging Necrosis
49	hcvbx_steat_and_pct_ut	Num	8	HCV biopsy central reading by Toronto: Steatosis and percentage
50	hcvbx_steatohep_brunt_class_ut	Num	8	HCV biopsy central reading by Toronto: Steatohepatitis: Brunt Classification
51	hcvbx_ishak_posttxp_rcx	Num	8	HCV post-transplant biopsy: Ishak Fibrosis Stage
52	hcvbx_reason_rtn_posttxp_cx	Num	8	HCV post-transplant biopsy: Reason for biopsy: Protocol / Routine
53	hcvbx_reason_hcv_posttxp_cx	Num	8	HCV post-transplant biopsy: Reason for biopsy: Pre-HCV treatment / R/O HCV Recurrence
54	hcvbx_reason_rej_posttxp_cx	Num	8	HCV post-transplant biopsy: Reason for biopsy: R/O Rejection / abnormal LFT
55	hcvbx_dgn_reject_posttxp_cx	Num	8	HCV post-transplant biopsy: Diagnosis: Rejection - Acute
56	hcvbx_dgn_bilob_posttxp_cx	Num	8	HCV post-transplant biopsy: Diagnosis: Biliary Obstruction
57	hcvbx_dgn_cmv_posttxp_cx	Num	8	HCV post-transplant biopsy: Diagnosis: CMV Hepatitis
58	hcvbx_dgn_rec_posttxp_cx	Num	8	HCV post-transplant biopsy: Diagnosis: HCV
59	SiteID	Num	8	SiteID
60	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
61	a2all_id_c	Char	6	Unique patient ID in Cohort
62	inr	Num	8	in Retro database
63	inc	Num	8	in Cohort database
64	a2all_id_x	Char	6	Unique patient ID in Core

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
65	inx	Num	8	In Core database
66	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
67	Rcp_Retxp_dt_rcx_srs	Num	8	Recipient post-transplant assessment: Recipient date of re-transplant, A2ALL supplemented w/SRTR
68	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)

**Data Set Name: rcp\_posttxp\_bx\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	hcvbx_dt_posttxp_rc	Num	8	HCV post-transplant biopsy: Date of Liver Biopsy immediately prior to HCV Treatment
2	hcvbx_slide_identifier_ut	Num	8	HCV biopsy central reading by Toronto: Slide identifier
3	hcvbx_num_portal_tract_ut	Char	4	HCV biopsy central reading by Toronto: Adequacy of Biopsy: Number of portal tracts
4	hcvbx_cholestatic_hep_ut	Char	10	HCV biopsy central reading by Toronto: Fibrosing cholestatic hepatitis
5	hcvbx_steat_pct_est_ut	Char	8	HCV biopsy central reading by Toronto: Steatosis % estimate
6	hcvbx_comments_ut	Char	73	HCV biopsy central reading by Toronto: comments
7	hcvbx_ishak_ut	Num	8	HCV biopsy central reading by Toronto: Ishak Score
8	hcvbx_slide_identifier_unc	Num	8	HCV biopsy central reading by UNC: Slide identifier
9	hcvbx_vesicle_unc	Num	8	HCV biopsy central reading by UNC: Steatosis: Vesicle Size
10	hcvbx_steat_pct_unc	Num	8	HCV biopsy central reading by UNC: Steatosis: %
11	hcvbx_rform	Num	8	HCV post-transplant biopsy form recorded in Retro
12	hcvbx_review_posttxp_c	Num	8	HCV post-transplant biopsy: Date of review:
13	hcvbx_pathname_posttxp_c	Char	28	HCV post-transplant biopsy: Name of pathologist reading biopsy
14	hcvbx_cform	Num	8	HCV post-transplant biopsy form recorded in Cohort
15	hcvbx_knodperi_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for periportal +/- bridging necrosis (A2ALL local reading)
16	hcvbx_knodinf_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for lobular inflammation and focal necrosis (A2ALL local reading)
17	hcvbx_knodport_posttxp_rc	Num	8	HCV post-transplant biopsy: Knodell score for portal inflammation (A2ALL local reading)
18	hcvbx_ishak_posttxp_rc	Num	8	HCV post-transplant biopsy: Ishak Fibrosis Score for fibrosis (A2ALL local reading)
19	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
20	rcp_resp_id_r	Num	8	Recipient resp id
21	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
22	a2all_id_c	Char	6	Unique patient ID in Cohort
23	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
24	hcvbx_pretx_posttxp_r	Num	8	HCV post-transplant biopsy: Was a Liver Biopsy done immediately prior to initiation of HCV treatment?
25	hcvbx_rej_posttxp_c	Num	8	HCV post-transplant biopsy: Acute rejection
26	hcvbx_bilob_posttxp_c	Num	8	HCV post-transplant biopsy: Biliary obstruction
27	hcvbx_cmvhep_posttxp_c	Num	8	HCV post-transplant biopsy: CMV hepatitis
28	hcvbx_hcvrec_posttxp_c	Num	8	HCV post-transplant biopsy: Is this biopsy compatible with HCV recurrence?
29	hcvbx_prototime_posttxp_c	Num	8	HCV post-transplant biopsy: Post-transplant interval

Num	Variable	Type	Len	Label
30	hcvbx_bxtype_posttxp_c	Num	8	HCV post-transplant biopsy: Reason for biopsy
31	hcvbx_knodinf_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Lobular Inflammation and Focal Necrosis
32	hcvbx_knodport_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Portal Inflammation
33	hcvbx_banff_portalinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Portal Inflammation Score
34	hcvbx_banff_bilductinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Bile Duct Inflammation Damage Score
35	hcvbx_banff_veendoinflam_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Venous Endothelial Inflammation Score
36	hcvbx_cholestasis_unc	Num	8	HCV biopsy central reading by UNC: Cholestasis
37	hcvbx_interface_unc	Num	8	HCV biopsy central reading by UNC: Interface Activity
38	hcvbx_z3peris_unc	Num	8	HCV biopsy central reading by UNC: Presence of Zone 3 Perisinusoidal Fibrosis?
39	hcvbx_fragment_ut	Num	8	HCV biopsy central reading by Toronto: Adequacy of Biopsy: Fragmentation
40	hcvbx_banff_globalassess_unc	Num	8	HCV biopsy central reading by UNC: Banff Criteria 1997: Global Assessment Score for Acute Rejection
41	hcvbx_knodperi_unc	Num	8	HCV biopsy central reading by UNC: Knodell score: Periportal +/-Bridging Necrosis
42	hcvbx_steat_and_pct_ut	Num	8	HCV biopsy central reading by Toronto: Steatosis and percentage
43	hcvbx_steatohep_brunt_class_ut	Num	8	HCV biopsy central reading by Toronto: Steatohepatitis: Brunt Classification

**Data Set Name: rcp\_posttxp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	hcc_ab3date_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #3 Date
2	hcc_ab4date_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #4 Date
3	hcc_abnum_posttxp_r	Num	8	HCC Recurrence & Rx: Number of post-transplant ablations (0 for none)
4	hcc_chstart_posttxp_r	Num	8	HCC Recurrence & Rx: If not ablative, Start date of therapy cycle
5	hcc_chstop_posttxp_r	Num	8	HCC Recurrence & Rx: If not ablative, Stop date of therapy cycle
6	hcv_txstop_posttxp_r	Num	8	HCV Recurrence & Rx: Stop Date of HCV Treatment
7	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
8	rcp_grftfail_dt_r	Num	8	Recipient graft outcomes: date of graft failure
9	rcp_retxp_dt_r	Num	8	Recipient graft outcomes: Date of re-transplant
10	rcp_grftfail_r	Num	8	Recipient graft outcomes: graft failed
11	rcp_retxp_r	Num	8	Recipient graft outcomes: retransplantation?
12	rcp_timept_posttxp	Char	7	Recipient post-transplant assessment: Time Point
13	rcp_wt_kg_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient weight at this assessment (kg)
14	rcp_doa_posttxp_c	Num	8	Recipient post-transplant assessment: Date of this assessment:
15	rcp_lastcon_posttxp_c	Num	8	Recipient post-transplant assessment: If status is "unknown", date of last contact
16	rcp_grftfail_dt_posttxp_c	Num	8	Recipient post-transplant assessment: date of graft failure
17	rcp_grftfail_prim_spec_posttxp_c	Char	76	Recipient post-transplant assessment: Specify "other" primary reason for graft failure
18	rcp_grftfail_sec_spec_posttxp_c	Char	76	Recipient post-transplant assessment: Specify "other" secondary reason for graft failure
19	rcp_immspec_posttxp_c	Char	140	Recipient post-transplant assessment: Specify "other" immunosuppression
20	rcp_othabsp_posttxp_c	Char	140	Recipient post-transplant assessment: Specify "other" antibody therapy used:
21	rcp_rejnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many biopsy-proven rejection episodes has the patient had since the last assessment?
22	rcp_hospnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many hospitalizations has the patient had since the last assessment?
23	rcp_compnum_posttxp_c	Num	8	Recipient post-transplant assessment: How many study-tracked complications has the patient had since the last assessment?
24	rcp_saenum_posttxp_c	Num	8	Recipient post-transplant assessment: How many adverse events has the patient had since the last assessment?
25	rcp_insoth_posttxp_c	Char	140	Recipient post-transplant assessment: Specify "other" primary source of payment:
26	rcp_sysbp_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient systolic blood pressure at this assessment:
27	rcp_diabp_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient diastolic blood pressure at this assessment:
28	rcp_creat_posttxp_c	Num	8	Recipient post-transplant assessment: Record the serum creatinine value at this assessment:
29	rcp_alb_posttxp_c	Num	8	Recipient post-transplant assessment: Record the total serum albumin value at this assessment:



Num	Variable	Type	Len	Label
30	rcp_inr_posttxp_c	Num	8	Recipient post-transplant assessment: Record the INR value at this assessment:
31	rcp_pt_posttxp_c	Num	8	Recipient post-transplant assessment: Record the PT value at this assessment:
32	rcp_alt_posttxp_c	Num	8	Recipient post-transplant assessment: Record the serum alanine aminotransferase (ALT) value at this assessment:
33	rcp_na_posttxp_c	Num	8	Recipient post-transplant assessment: Record the serum sodium level at this assessment
34	rcp_whatstudy_posttxp_c	Char	140	Recipient post-transplant assessment: If the subject is a participant in another research study, what is the name of that study?
35	rcp_livol_m3_posttxp_c	Num	8	Recipient post-transplant assessment: Liver Volume at month 3
36	rcp_mri_m3_posttxp_c	Num	8	Recipient post-transplant assessment: Date of MRI done to assess post-txp liver volume at month 3:
37	rcp_preddose_m3_posttxp_c	Num	8	Recipient post-transplant assessment: Prednisone dose at 3 months, in mg. If none, enter "0". For an every other day regimen, divide the bi-daily dose by half and enter that amount.
38	hcc_doa_posttxp_c	Num	8	HCC post-transplant assessment: Date of assessment:
39	hcc_imageoth_posttxp_c	Char	77	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Other (specify):
40	hcc_extrahep_othspec_posttxp_c	Char	77	HCC post-transplant assessment: Other extrahepatic location
41	hcv_doa_posttxp_c	Num	8	HCV post-transplant assessment: Date of this assessment:
42	hcv_txothspec_posttxp_c	Char	30	HCV post-transplant assessment: Specify "other treatment"
43	hcv_infstop_posttxp_c	Num	8	HCV post-transplant assessment: If subject was receiving interferon at the last assessment, record the date of completion of interferon treatment:
44	hcv_ribastop_posttxp_c	Num	8	HCV post-transplant assessment: If subject was receiving ribavirin at the last assessment, record the date of completion of ribavirin treatment:
45	rcp_death_dt_posttxp_rc	Num	8	Recipient post-transplant assessment: Date of death
46	rcp_relistdt_rc	Num	8	Recipient post-transplant assessment: What was the date of re-listing?
47	rcp_afp_posttxp_rc	Num	8	Recipient post-transplant assessment: AFP reslt (ng/ml)
48	rcp_alk_posttxp_rc	Num	8	Recipient post-transplant assessment: Serum ALK (IU/L)
49	rcp_ast_posttxp_rc	Num	8	Recipient post-transplant assessment: Serum AST (IU/L)
50	rcp_bili_posttxp_rc	Num	8	Recipient post-transplant assessment: Serum total bilirubin (mg/dl)
51	hcc_recurdate_posttxp_rc	Num	8	HCC post-transplant assessment: Date recurrence diagnosed
52	hcc_ab1date_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 1 Date:
53	hcc_ab2date_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 2 Date:
54	hcv_rnaval_posttxp_rc	Char	13	HCV post-transplant assessment: Record the quantitative HCV value at this assessment
55	hcv_rnadata_posttxp_rc	Num	8	HCV post-transplant assessment: Record the date of the RNA test:
56	hcv_txstart_posttxp_rc	Num	8	HCV post-transplant assessment: Record the date of initiation of post-transplant HCV treatment:
57	rcp_resp_id_r	Num	8	Recipient resp id
58	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
59	a2all_id_c	Char	6	Unique patient ID in Cohort
60	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
61	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC

Num	Variable	Type	Len	Label
62	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
63	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
64	rcp_lastfu_dt_rc	Num	8	Recipient assessment: date of last follow-up
65	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only =Cohort ID if in Cohort (it may be in Retro or Core) =Core ID if in Core only
66	rcp_otherstudy_posttxp_c	Num	8	Recipient post-transplant assessment: Is the subject currently a participant in another research study?
67	hcv_reason_nobx_posttxp_c	Num	8	HCV post-transplant assessment: If the protocol Bx was not done, indicate why:
68	hcc_chagent_posttxp_r	Num	8	HCC Recurrence & Rx: Therapeutic Agent used
69	rcp_grftfail_prim_posttxp_rc	Num	8	Recipient post-transplant assessment: What was the primary reason for graft failure?
70	rcp_grftfail_sec_posttxp_rc	Num	8	Recipient post-transplant assessment: What was the secondary reason for graft failure?
71	hcv_rna_level_posttxp_r	Num	8	HCV Recurrence & Rx: HCV RNA
72	rcp_relist_posttxp_rc	Num	8	Recipient post-transplant assessment: Was the patient relisted for transplant?
73	hcc_afp_yesno_posttxp_r	Num	8	HCC Recurrence & Rx: Post-operative AFP evaluation(s) performed
74	rcp_livfxn_posttxp_c	Num	8	Recipient post-transplant assessment: Was the liver functioning at the time of death?
75	rcp_retxp_posttxp_c	Num	8	Recipient post-transplant assessment: Did the subject receive another liver transplant?
76	hcc_ab1wedge_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Wedge
77	hcc_ab1seg_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Segment
78	hcc_ab1lobe_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Lobe
79	hcc_ab1nonat_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #1 Type of surgical resection: Non-anatomic
80	hcc_ab2wedge_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Wedge
81	hcc_ab2seg_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Segment
82	hcc_ab2lobe_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Lobe
83	hcc_ab2nonat_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #2 Type of surgical resection: Non-anatomic
84	rcp_mv_posttxp_c	Num	8	Recipient post-transplant assessment: Visit Missed
85	rcp_pred_posttxp_c	Num	8	Recipient post-transplant assessment: Prednisone (or oral equivalent)
86	rcp_methpred_posttxp_c	Num	8	Recipient post-transplant assessment: Methylprednisolone (or IV equivalent)
87	rcp_cyclo_posttxp_c	Num	8	Recipient post-transplant assessment: Cyclosporine (Neoral, Gengraf or any other formulation)
88	rcp_fk_posttxp_c	Num	8	Recipient post-transplant assessment: Tacrolimus (Prograf)
89	rcp_rapa_posttxp_c	Num	8	Recipient post-transplant assessment: Rapamycin
90	rcp_cert_posttxp_c	Num	8	Recipient post-transplant assessment: Certican (RAD)
91	rcp_aztp_posttxp_c	Num	8	Recipient post-transplant assessment: Azathioprine (Imuran or generic)
92	rcp_mmf_posttxp_c	Num	8	Recipient post-transplant assessment: Mycophenolate mofetil (Cellcept or generic)
93	rcp_myfor_posttxp_c	Num	8	Recipient post-transplant assessment: Enteric-coated mycophenolic acid (Myfortic or generic)
94	rcp_immoth_posttxp_c	Num	8	Recipient post-transplant assessment: Other immunosuppression

Num	Variable	Type	Len	Label
95	rcp_abx_posttxp_c	Num	8	Recipient post-transplant assessment: Antibody used?
96	rcp_atgam_posttxp_c	Num	8	Recipient post-transplant assessment: ATGAM
97	rcp_okt_posttxp_c	Num	8	Recipient post-transplant assessment: OKT3
98	rcp_thymo_posttxp_c	Num	8	Recipient post-transplant assessment: Thymoglobulin
99	rcp_zena_posttxp_c	Num	8	Recipient post-transplant assessment: Zenapax
100	rcp_simu_posttxp_c	Num	8	Recipient post-transplant assessment: Simulect
101	rcp_cam_posttxp_c	Num	8	Recipient post-transplant assessment: Campath
102	rcp_ab_posttxp_c	Num	8	Recipient post-transplant assessment: Other antibody therapy used?
103	rcp_rej_posttxp_c	Num	8	Recipient post-transplant assessment: Did the patient have a rejection episode that was confirmed by biopsy since the last assessment?
104	rcp_hosp_posttxp_c	Num	8	Recipient post-transplant assessment: Has the patient been hospitalized since the last assessment?
105	rcp_comp_posttxp_c	Num	8	Recipient post-transplant assessment: Has the patient experienced a study-tracked complication since the last assessment?
106	rcp_sae_posttxp_c	Num	8	Recipient post-transplant assessment: Has the patient experienced a serious adverse event since the last assessment?
107	rcp_vent_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient on ventilator at this assessment?
108	rcp_nocreat_posttxp_c	Num	8	Recipient post-transplant assessment: Serum creatinine not done
109	rcp_noalb_posttxp_c	Num	8	Recipient post-transplant assessment: Total serum albumin not done
110	rcp_nobili_posttxp_c	Num	8	Recipient post-transplant assessment: Total serum bilirubin not done
111	rcp_noinr_posttxp_c	Num	8	Recipient post-transplant assessment: INR not done
112	rcp_nopt_posttxp_c	Num	8	Recipient post-transplant assessment: PT not done
113	rcp_noast_posttxp_c	Num	8	Recipient post-transplant assessment: Serum aspartate transaminase not done
114	rcp_noalt_posttxp_c	Num	8	Recipient post-transplant assessment: Serum alanine aminotransferase not done
115	rcp_noalk_posttxp_c	Num	8	Recipient post-transplant assessment: Serum alkaline phosphatase not done
116	rcp_noafp_posttxp_c	Num	8	Recipient post-transplant assessment: AFP not done
117	rcp_nona_posttxp_c	Num	8	Recipient post-transplant assessment: Serum sodium not done
118	rcp_nomri_m3_posttxp_c	Num	8	Recipient post-transplant assessment: MRI not done
119	hcc_prechemo_posttxp_c	Num	8	HCC post-transplant assessment: Did the patient receive adjunctive/preventive/pre-emptive chemotherapy without a diagnosis of recurrent HCC since the last post-txp assessment?
120	hcc_ct_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Chest CT
121	hcc_bonescan_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Bone scan
122	hcc_mri_posttxp_c	Num	8	HCC post-transplant assessment: Diagnostic/imaging studies used to diagnose hcc recurrence: Abdominal MRI/Contrast CT
123	hcc_abwedge_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Wedge
124	hcc_abseg_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Segment
125	hcc_abnonat_posttxp_c	Num	8	HCC post-transplant assessment: Type of surgical resection: Non-anatomic
126	hcc_rad_posttxp_c	Num	8	HCC post-transplant assessment: Has the patient received radiation treatment for HCC recurrence since the last assessment?

Num	Variable	Type	Len	Label
127	hcv_bx_posttxp_c	Num	8	HCV post-transplant assessment: Was the protocol biopsy performed?
128	hcv_txlast_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing HCV treatment being given as of last assessment?
129	hcv_txcnsn_posttxp_c	Num	8	HCV post-transplant assessment: Consensus Interferon
130	hcv_txoth_posttxp_c	Num	8	HCV post-transplant assessment: Other HCV treatment
131	hcv_txcont_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, HCV treatment continuing from previous assessment period.
132	hcv_infna_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, interferon treatment continuing.
133	hcv_ribatx_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing treatment with ribavirin being given at the last post-transplant assessment?
134	hcc_recur_posttxp_rc	Num	8	HCC post-transplant assessment: Did the patient develop HCC recurrence?
135	hcc_extrahep_ab_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Abdominal wall or incision
136	hcc_extrahep_bone_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Bone
137	hcc_extrahep_lung_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Lung
138	hcc_extrahep_oth_posttxp_rc	Num	8	HCC post-transplant assessment: Location of extrahepatic recurrence: Other
139	hcv_txstinf_posttxp_rc	Num	8	HCV post-transplant assessment: Standard Interferon
140	hcv_txpeg_posttxp_rc	Num	8	HCV post-transplant assessment: PEG Interferon
141	hcv_txriba_posttxp_rc	Num	8	HCV post-transplant assessment: Ribavirin
142	hcv_txnvw_posttxp_rc	Num	8	HCV post-transplant assessment: Did the patient receive anti-viral treatment
143	rcp_employ_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient employment status at this assessment:
144	rcp_dm_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient diabetes mellitus at this assessment?
145	rcp_dmtx_posttxp_c	Num	8	Recipient post-transplant assessment: Diabetes Treatment
146	rcp_dialy_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient dialysis at this assessment?
147	rcp_codprim_posttxp_rc	Num	8	Recipient post-transplant assessment: Primary cause of death
148	rcp_codsec_posttxp_rc	Num	8	Recipient post-transplant assessment: Secondary cause of death
149	rcp_codtert_posttxp_rc	Num	8	Recipient post-transplant assessment: Tertiary cause of death
150	rcp_stat_posttxp_rc	Num	8	Recipient post-transplant assessment: What is the recipients status?
151	rcp_grftstat_posttxp_c	Num	8	Recipient post-transplant assessment: What is the status of the liver graft?
152	rcp_cond_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient medical condition at this assessment
153	rcp_fxn_posttxp_c	Num	8	Recipient post-transplant assessment: Recipient functional status at this assessment
154	rcp_ins_posttxp_c	Num	8	Recipient post-transplant assessment: Primary source of payment:
155	hcv_rnaunit_posttxp_rc	Num	8	HCV post-transplant assessment: Units for HCV quantification
156	hcc_recurloc_posttxp_rc	Num	8	HCC post-transplant assessment: Where was the initial site of recurrence?
157	hcc_ab1type_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 1 Type:
158	hcc_ab2type_posttxp_rc	Num	8	HCC post-transplant assessment: Ablation 2 Type:
159	hcc_ab3type_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #3 Type
160	hcc_ab4type_posttxp_r	Num	8	HCC Recurrence & Rx: Ablation #4 Type

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
161	hcc_chemo_posttxp_rc	Num	8	HCC post-transplant assessment: Has the patient received systemic or local chemotherapy (other than ablative chemoinfusion) to treat known HCC recurrence
162	hcv_inftx_posttxp_c	Num	8	HCV post-transplant assessment: Was ongoing treatment with interferon being given at the last post-transplant assessment?
163	hcv_ribana_posttxp_c	Num	8	HCV post-transplant assessment: Not applicable, ribavirin treatment continuing.

**Data Set Name: rcp\_pretxp\_c.sas7bdat**

Num	Variable	Type	Len	Label
1	a2all_id_c	Char	6	Unique patient ID in Cohort
2	site_id_c	Num	8	Recipient site ID in Cohort
3	rcp_wt_kg_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient weight (kg) at this assessment
4	rcp_doa_pretxp_c	Num	8	Recipient pretxp quarterly assess: What date was the patient seen for this assessment?
5	rcp_dod_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the patients date of death?
6	rcp_contactdate_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the last known date of contact with the patient?
7	rcp_hospnum_pretxp_c	Num	8	Recipient pretxp quarterly assess: How many hospitalizations have occurred since the last assessment?
8	rcp_sysbp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient systolic blood pressure at this assessment:
9	rcp_diabp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient diastolic blood pressure at this assessment:
10	rcp_creat_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the serum creatinine value at this assessment:
11	rcp_alb_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the total serum albumin value at this assessment:
12	rcp_bili_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the total serum bilirubin value at this assessment (mg/dl):
13	rcp_inr_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the INR value at this assessment:
14	rcp_pt_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the PT value at this assessment:
15	rcp_ast_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the serum aspartate transaminase (AST) value at this assessment:
16	rcp_alt_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the serum alanine aminotransferase (ALT) value at this assessment:
17	rcp_alk_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the serum alkaline phosphatase (ALK) value at this assessment:
18	rcp_afp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record the AFP value at this assessment:
19	rcp_na_pretxp_c	Num	8	Recipient pretxp quarterly assess: Record serum sodium at this assessment:
20	rcp_txp_dt_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the date of transplant?
21	rcp_listdate_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the date of listing?
22	rcp_delistdate_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the date of removal from the waiting list?
23	rcp_insoth_pretxp_c	Char	86	Recipient pretxp quarterly assess: Specify "other" primary source of payment:
24	rcp_whatstudy_pretxp_c	Char	86	Recipient pretxp quarterly assess: If the subject is a participant in another research study, what is the name of that study?
25	rcp_othmeld_pretxp_c	Char	86	Recipient pretxp quarterly assess: Specify "other" MELD exception
26	hcc_doa_pretxp_c	Num	8	HCC pretxp quarterly assess: Date of assessment:
27	hcc_scandate_pretxp_c	Num	8	HCC pretxp quarterly assess: Date of the last abdominal CT scan or MRI that occurred since the last assessment to stage HCC:
28	hcc_sz1_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 1
29	hcc_sz2_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 2
30	hcc_sz3_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 3
31	hcc_sz4_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 4

Num	Variable	Type	Len	Label
32	hcc_sz5_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 5
33	hcc_sz6_pretxp_c	Num	8	HCC pretxp quarterly assess: Size of nodule 6
34	hcc_ablate_pretxp_c	Num	8	HCC pretxp quarterly assess: How many ablations did the patient receive since the last assessment?
35	hcc_restype_pretxp_c	Char	23	HCC pretxp quarterly assess: Type of surgical resection
36	hcc_oth_pretxp_c	Char	23	HCC pretxp quarterly assess: Other (specify):
37	hcv_doa_pretxp_c	Num	8	HCV pretxp quarterly assess: What date did this assessment occur?
38	hcv_rnadata_pretxp_c	Num	8	HCV pretxp quarterly assess: Record the date of the RNA test:
39	hcv_infstopdate_pretxp_c	Num	8	HCV pretxp quarterly assess: If subject was receiving interferon at the last assessment, record the date of completion of interferon treatment:
40	hcv_ribadate_pretxp_c	Num	8	HCV pretxp quarterly assess: If patient was receiving ribavirin at the last assessment, record the date of completion of ribavirin treatment:
41	hcv_txstart_pretxp_c	Num	8	HCV pretxp quarterly assess: Record the date of initiation of HCV treatment:
42	hcv_othtx_spec_pretxp_c	Char	10	HCV pretxp quarterly assess: Specify "other treatment"
43	ID_char	Char	6	Patient ID that links Retro and Cohort data: <span style="float: right;">=Retro ID</span> if in Retro (it may be in Cohort) <span style="float: right;">=Cohort ID if in Cohort</span> only
44	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: <span style="float: right;">=Retro resp_id if in Retro</span> only <span style="float: right;">=Cohort ID if in Cohort (it may be in Retro or Core)</span> ID if in Core only <span style="float: right;">=Core</span>
45	hcc_chememb_pretxp_c	Num	8	HCC pretxp quarterly assess: Chemoembolization
46	hcc_chemoinf_pretxp_c	Num	8	HCC pretxp quarterly assess: Chemoinfusion
47	hcc_cryoab_pretxp_c	Num	8	HCC pretxp quarterly assess: Cryotherapy
48	hcc_etohab_pretxp_c	Num	8	HCC pretxp quarterly assess: Alcohol ablation
49	hcc_rfab_pretxp_c	Num	8	HCC pretxp quarterly assess: Radiofrequency ablation
50	hcc_surgres_pretxp_c	Num	8	HCC pretxp quarterly assess: Surgical resection
51	rcp_otherstudy_pretxp_c	Num	8	Recipient pretxp quarterly assess: Is the subject currently a participant in another research study?
52	hcc_nodes_pretxp_c	Num	8	HCC pretxp quarterly assess: Number of HCC nodules in the liver?
53	hcc_locate_pretxp_c	Num	8	HCC pretxp quarterly assess: HCC Location
54	hcc_lymph_pretxp_c	Num	8	HCC pretxp quarterly assess: Evidence of HCC in regional lymph nodes
55	hcc_extrahep_pretxp_c	Num	8	HCC pretxp quarterly assess: Cancer spread beyond the liver
56	hcc_tclass_pretxp_c	Num	8	HCC pretxp quarterly assess: Primary Tumor Classification
57	hcc_vascin_pretxp_c	Num	8	HCC pretxp quarterly assess: Vascular Invasion
58	rcp_delistwhy_pretxp_c	Num	8	Recipient pretxp quarterly assess: Why was the patient removed from the wait list at your transplant center?
59	hcv_rna_pretxp_c	Num	8	HCV pretxp quarterly assess: Record most recent RNA result since enrollment/last assessment:
60	rcp_abdsurg_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had upper abdominal surgery between the last assessment and this one?
61	rcp_hosp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient been hospitalized since the last assessment?

Num	Variable	Type	Len	Label
62	rcp_lt_pretxp_c	Num	8	Recipient pretxp quarterly assess: Did the patient receive a liver transplant during this interval?
63	rcp_txpsurg_pretxp_c	Num	8	Recipient pretxp quarterly assess: Was the patient brought to the operating room with the intention of receiving a liver transplant during this interval?
64	hcc_5fu_pretxp_c	Num	8	HCC pretxp quarterly assess: 5FU
65	hcc_adria_pretxp_c	Num	8	HCC pretxp quarterly assess: Adriamycin
66	hcc_cis_pretxp_c	Num	8	HCC pretxp quarterly assess: Cisplatin
67	hcc_loc1_pretxp_c	Num	8	HCC pretxp quarterly assess: Main Portal Vein
68	hcc_loc2_pretxp_c	Num	8	HCC pretxp quarterly assess: Right Portal Vein
69	hcc_loc3_pretxp_c	Num	8	HCC pretxp quarterly assess: Left Portal Vein
70	hcc_loc4_pretxp_c	Num	8	HCC pretxp quarterly assess: Right-sided Branches
71	hcc_loc5_pretxp_c	Num	8	HCC pretxp quarterly assess: Left-sided Branches
72	hcc_rad_pretxp_c	Num	8	HCC pretxp quarterly assess: Did the patient receive radiation therapy since the last assessment?
73	hcc_unk_pretxp_c	Num	8	HCC pretxp quarterly assess: Unknown chemotherapeutic agent
74	hcv_avtxnow_pretxp_c	Num	8	HCV pretxp quarterly assess: Was the patient receiving any anti-viral treatment during the 3 months covered by this assessment?
75	hcv_cnsn_pretxp_c	Num	8	HCV pretxp quarterly assess: Consensus Interferon
76	hcv_hcvtx_pretxp_c	Num	8	HCV pretxp quarterly assess: Was ongoing treatment for HCV being given at last assessment?
77	hcv_inf_stop_pretxp_c	Num	8	HCV pretxp quarterly assess: Was ongoing treatment with interferon being given at the last assessment?
78	hcv_infna_pretxp_c	Num	8	HCV pretxp quarterly assess: Not Applicable, interferon treatment continuing.
79	hcv_othtx_pretxp_c	Num	8	HCV pretxp quarterly assess: Other treatment
80	hcv_peg_pretxp_c	Num	8	HCV pretxp quarterly assess: PEG Interferon
81	hcv_riba_pretxp_c	Num	8	HCV pretxp quarterly assess: Ribavirin
82	hcv_ribana_pretxp_c	Num	8	HCV pretxp quarterly assess: Not Applicable, ribavirin treatment continuing.
83	hcv_ribastop_pretxp_c	Num	8	HCV pretxp quarterly assess: Was ongoing treatment with ribavirin being given at the last assessment?
84	hcv_std_inf_pretxp_c	Num	8	HCV pretxp quarterly assess: Standard Interferon
85	rcp_ascites_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had ascites between the last assessment and this one?
86	rcp_cad_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient developed coronary artery disease between the last assessment and this one?
87	rcp_chol_pretxp_c	Num	8	Recipient pretxp quarterly assess: Cholecystectomy
88	rcp_enceph_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had encephalopathy between the last assessment and this one?
89	rcp_htn_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient drug-treated systemic hypertension present at this assessment?
90	rcp_lstchange_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patients listing status changed since the previous assessment?
91	rcp_meld_pretxp_c	Num	8	Recipient pretxp quarterly assess: Did this patient receive a MELD exception since the last assessment?



Num	Variable	Type	Len	Label
92	rcp_mv_pretxp	Num	8	Recipient pretxp quarterly assess: Visit missed
93	rcp_noafp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
94	rcp_noalb_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
95	rcp_noalk_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
96	rcp_noalt_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
97	rcp_noast_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
98	rcp_nobili_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
99	rcp_nocreat_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
100	rcp_noinr_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
101	rcp_nona_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
102	rcp_nopt_pretxp_c	Num	8	Recipient pretxp quarterly assess: Not Done
103	rcp_sbp_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had spontaneous bacterial peritonitis between the last assessment and this one?
104	rcp_tipps_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had a history of TIPSS between the last assessment and this one?
105	rcp_typesurg_pretxp_c	Num	8	Recipient pretxp quarterly assess: Other
106	rcp_varibleed_pretxp_c	Num	8	Recipient pretxp quarterly assess: Has the patient had variceal bleeding between the last assessment and this one?
107	rcp_vent_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient on ventilator at this assessment?
108	rcp_cond_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient medical condition at this assessment
109	rcp_employ_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient employment status at this assessment:
110	rcp_dm_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient diabetes mellitus at this assessment?
111	rcp_dmtx_pretxp_c	Num	8	Recipient pretxp quarterly assess: Diabetes Treatment
112	rcp_dialy_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient dialysis at this assessment?
113	rcp_codprim_pretxp_c	Num	8	Recipient pretxp quarterly assess: Select the primary cause of death from the list:
114	rcp_codsec_pretxp_c	Num	8	Recipient pretxp quarterly assess: Select the secondary cause of death from the list:
115	rcp_codtert_pretxp_c	Num	8	Recipient pretxp quarterly assess: Select the tertiary cause of death from the list:
116	rcp_stat_pretxp_c	Num	8	Recipient pretxp quarterly assess: What is the recipients current status?
117	rcp_livsource_pretxp_c	Num	8	Recipient pretxp quarterly assess: What type of donor provided the liver for transplantation?
118	rcp_newlist_pretxp_c	Num	8	Recipient pretxp quarterly assess: How has the patients listing status changed since the previous assessment?
119	rcp_listhx_pretxp_c	Num	8	Recipient pretxp quarterly assess: What was the patients listing status at the previous assessment?
120	rcp_fxn_pretxp_c	Num	8	Recipient pretxp quarterly assess: Recipient functional status at this assessment
121	rcp_ins_pretxp_c	Num	8	Recipient pretxp quarterly assess: Primary source of payment:
122	hcc_boneres_pretxp_c	Num	8	HCC pretxp quarterly assess: Result of bone scan done at this assessment
123	hcc_chestres_pretxp_c	Num	8	HCC pretxp quarterly assess: Result of the chest CT done at this assessment
124	hcc_mrict_pretxp_c	Num	8	HCC pretxp quarterly assess: Result of the MRI/CT scan done at this assessment.
125	rcp_meldex_pretxp_c	Num	8	Recipient pretxp quarterly assess: What type of MELD exception did the patient receive?

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
126	hcc_chemo_pretxp_c	Num	8	HCC pretxp quarterly assess: Has the patient received chemotherapy treatment since the last assessment?

**Data Set Name: rcp\_rej\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_rej_start_rc	Num	8	Recipient rejection episodes and treatment: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
2	rcp_rej_rform	Num	8	Recipient rejection form recorded in Retro
3	rcp_rej_atb_bspec_r	Char	56	Recipient baseline immunosuppression: Name of Other antibody therapy
4	rcp_rej_pred3m_r	Num	8	Recipient rejection episodes and treatment: Prednisone at 3 months (mg). If none, enter 0. For an every other day regimen, divide the bi-daily dose by half and enter that amount
5	rcp_rej_rejep_r	Num	8	Recipient rejection episodes and treatment: Number of Rejection Episodes
6	site_id_c	Num	8	Recipient site ID in Cohort
7	rcp_rej_imm_mspect_c	Char	10	Recipient rejection episodes and treatment: Specify "other":
8	rcp_rej_cform	Num	8	Recipient rejection form recorded in Cohort
9	rcp_rej_bxdt_rc	Num	8	Recipient rejection episodes and treatment: Date of the biopsy that confirmed this rejection episode:
10	rcp_rej_sev_rc	Num	8	Recipient rejection episodes and treatment: What was the acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode?
11	rcp_rej_imm_mpred_rc	Num	8	Recipient rejection episodes and treatment: Prednisone (or oral equivalent)
12	rcp_rej_imm_mcylo_rc	Num	8	Recipient rejection episodes and treatment: Cyclosporine (neoral, Gengraf, or any other formulation)
13	rcp_rej_imm_mrapa_rc	Num	8	Recipient rejection episodes and treatment: Rapamycin
14	rcp_rej_imm_maza_rc	Num	8	Recipient rejection episodes and treatment: Azathioprine (Imuran or generic)
15	rcp_rej_imm_mmmf_rc	Num	8	Recipient rejection episodes and treatment: Mycophenolate mofetil (Cellcept or generic)
16	rcp_rej_predrecy_rc	Num	8	Recipient rejection episodes and treatment: Recycling oral steroids
17	rcp_rej_pulse_rc	Num	8	Recipient rejection episodes and treatment: IV steroids
18	rcp_rej_atb_rc	Num	8	Recipient rejection episodes and treatment: Was antibody used?
19	rcp_rej_atb_okt3_rc	Num	8	Recipient rejection episodes and treatment: OKT3
20	rcp_rej_atb_thymo_rc	Num	8	Recipient rejection episodes and treatment: Thymoglobulin
21	rcp_rej_atb_oth_rc	Num	8	Recipient rejection episodes and treatment: Other antibody therapy used?
22	rcp_rej_atb_spec_rc	Char	34	Recipient rejection episodes and treatment: Specify "other" antibody therapy:
23	rcp_rej_imm_scyclo_rc	Num	8	Recipient rejection episodes and treatment: Cyclosporine (Neoral, Gengraf, or any other formulation)
24	rcp_rej_imm_srapa_rc	Num	8	Recipient rejection episodes and treatment: Rapamycin
25	rcp_rej_imm_saza_rc	Num	8	Recipient rejection episodes and treatment: Azathioprine (Imuran or generic)
26	rcp_rej_imm_smmf_rc	Num	8	Recipient rejection episodes and treatment: Mycophenolate mofetil (Cellcept or generic)
27	rcp_rej_switch_rc	Num	8	Recipient rejection episodes and treatment: Switch maintenance immunosuppression
28	ID_char	Char	6	Patient ID that links Retro and Cohort data: if in Retro (it may be in Cohort) only =Retro ID =Cohort ID if in Cohort only
29	rcp_resp_id_r	Num	8	Recipient resp id
30	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
31	a2all_id_c	Char	6	Unique patient ID in Cohort

Num	Variable	Type	Len	Label
32	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: only =Retro resp_id if in Retro =Cohort ID if in Cohort (it may be in Retro or Core) ID if in Core only =Core
33	rcp_rej_imm_mfk_r	Num	8	Recipient rejection episodes and treatment: FK506
34	rcp_rej_imm_mcert_r	Num	8	Recipient rejection episodes and treatment: Certican (RAD)
35	rcp_rej_atb_atg_r	Num	8	Recipient rejection episodes and treatment: ATGAM
36	rcp_rej_atb_zen_r	Num	8	Recipient rejection episodes and treatment: Zenapax
37	rcp_rej_imm_sfk_r	Num	8	Recipient rejection episodes and treatment: FK506
38	rcp_rej_imm_scert_r	Num	8	Recipient rejection episodes and treatment: Certican (RAD)
39	rcp_rej_imm_mmp_r	Num	8	Recipient rejection episodes and treatment: Methylprednisolone
40	rcp_rej_trigger_r	Num	8	Recipient rejection episodes and treatment: Did the patient experience more than one treated rejection episode? If so, complete a "Rejection Episode and Treatment" form for each event
41	rcp_rej_atb_both_r	Num	8	Recipient baseline immunosuppression: Other antibody therapy
42	rcp_rej_imm_baza_r	Num	8	Recipient baseline immunosuppression: Azathioprine
43	rcp_rej_imm_bcyclo_r	Num	8	Recipient baseline immunosuppression: Cyclosporine
44	rcp_rej_imm_bfk_r	Num	8	Recipient baseline immunosuppression: FK506
45	rcp_rej_imm_bgengraf_r	Num	8	Recipient baseline immunosuppression: Gengraf
46	rcp_rej_imm_bmmf_r	Num	8	Recipient baseline immunosuppression: Mycophenolate Mofetil (MMF)
47	rcp_rej_imm_bmpred_r	Num	8	Recipient baseline immunosuppression: Methylprednisolone
48	rcp_rej_imm_bneoral_r	Num	8	Recipient baseline immunosuppression: Neoral
49	rcp_rej_atb_bokt3_r	Num	8	Recipient baseline immunosuppression: OKT3
50	rcp_rej_imm_brapa_r	Num	8	Recipient baseline immunosuppression: Rapamycin
51	rcp_rej_atb_bsim_r	Num	8	Recipient baseline immunosuppression: Simulect
52	rcp_rej_atb_bthymo_r	Num	8	Recipient baseline immunosuppression: Thymoglobulin
53	rcp_rej_atb_bzen_r	Num	8	Recipient baseline immunosuppression: Zenapax
54	rcp_rej_rejyn_r	Num	8	Recipient rejection episodes and treatment: Treated rejection during the first year post transplant
55	rcp_rej_nobx_c	Num	8	Recipient rejection episodes and treatment: Biopsy not done.
56	rcp_rej_imm_mmeth_c	Num	8	Recipient rejection episodes and treatment: Methylprednisolone (or IV equivalent)
57	rcp_rej_imm_mtacro_c	Num	8	Recipient rejection episodes and treatment: Tacrolimus (Prograf)
58	rcp_rej_imm_mmyco_c	Num	8	Recipient rejection episodes and treatment: Enteric-coated mycophenolic acid (Myfortic or generic)
59	rcp_rej_imm_moth_c	Num	8	Recipient rejection episodes and treatment: Other
60	rcp_rej_imm_stacro_c	Num	8	Recipient rejection episodes and treatment: Tacrolimus (Prograf)
61	rcp_rej_bx_r	Num	8	Recipient rejection episodes and treatment: Biopsy Confirmation of rejection
62	rcp_rej_pi1_c	Num	8	Recipient rejection episodes and treatment: Portal Inflammation Score:
63	rcp_rej_bdidl_c	Num	8	Recipient rejection episodes and treatment: Bile Duct Inflammation Damage Score:
64	rcp_rej_vei1_c	Num	8	Recipient rejection episodes and treatment: Venous Endothelial Inflammation Score:
65	rcp_rej_imm_bpred_r	Num	8	Recipient baseline immunosuppression: Prednisone

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
66	rcp_rej_imm_smyfort_c	Num	8	Recipient rejection episodes and treatment: Enteric-coated mycophenolic acid (Myfortic or generic)
67	rcp_rej_atb_sim_r	Num	8	Recipient rejection episodes and treatment: Simulect

**Data Set Name: rcp\_txp\_all.sas7bdat**

Num	Variable	Type	Len	Label
1	ID	Char	6	Subject ID
2	rcp_bun_tx_x	Num	8	Recipient at transplant: Blood urea nitrogen (BUN) closest to time of transplant (mg/dl)
3	rcp_nobun_tx_x	Num	8	Recipient at transplant: Blood urea nitrogen (BUN) Not Done
4	rcp_hgb_tx_x	Num	8	Recipient at transplant: Hemoglobin (Hgb) closest to time of transplant (g/dl)
5	rcp_nohgb_tx_x	Num	8	Recipient at transplant: Hemoglobin (Hgb) Not Done
6	rcp_wbc_tx_x	Num	8	Recipient at transplant: White blood count (WBC) closest to time of transplant ( $10^3/\text{mm}^3$ )
7	rcp_nowbc_tx_x	Num	8	Recipient at transplant: White blood count (WBC) Not Done
8	rcp_plate_tx_x	Num	8	Recipient at transplant: Platelet count closest to time of transplant ( $10^3/\text{mm}^3$ )
9	rcp_noplate_tx_x	Num	8	Recipient at transplant: Platelet count Not Done
10	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
11	hcv_txstop_dt_tx_r	Num	8	HCV at transplant: Stop Date of HCV Treatment
12	rcp_rnadate_tx_r	Num	8	Recipient at transplant: HCV RNA last available test date prior to transplant
13	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
14	hcc_doa_tx_c	Num	8	HCC at transplant: Date of assessment
15	hcc_sz6_tx_c	Num	8	HCC at transplant: Size of nodule 6
16	hcv_quantrna_dt_tx_c	Num	8	HCV at transplant: Record the date of the Quantitative RNA test that occurred closest to and prior to transplant
17	hcv_rnaresult_tx_c	Num	8	HCV at transplant: Quantitative RNA Result:
18	hcv_rna_lowlimit_tx_c	Num	8	HCV at transplant: Lower Limit of Detection:
19	hcv_infstop_dt_tx_c	Num	8	HCV at transplant: If subject was receiving interferon at the last assessment, record the date of completion of interferon treatment:
20	hcv_ribastop_dt_tx_c	Num	8	HCV at transplant: If subject was receiving ribavirin at the last assessment, record the date of completion of ribavirin treatment:
21	hcv_doa_tx_c	Num	8	HCV at transplant: What date did this assessment occur?
22	rcp_contactdate_tx_c	Num	8	Recipient at transplant: What was the last known date of contact with the patient?
23	rcp_delistdate_tx_c	Num	8	Recipient at transplant: What was the date of removal from the waiting list?
24	rcp_diabp_tx_c	Num	8	Recipient at transplant: Recipient diastolic blood pressure at this assessment:
25	rcp_doa_tx_c	Num	8	Recipient at transplant: What date was the patient seen for this assessment?
26	rcp_insoth_tx_c	Char	34	Recipient at transplant: Specify 'other' primary source of payment:
27	rcp_listdate_tx_c	Num	8	Recipient at transplant: What was the date of listing?
28	rcp_meldex_oth_tx_c	Char	63	Recipient at transplant: Specify 'other' MELD exception
29	rcp_hospnum_tx_c	Num	8	Recipient at transplant: How many hospitalizations have occurred since the last assessment?
30	rcp_pt_tx_c	Num	8	Recipient at transplant: Record the PT value at this assessment:
31	rcp_sysbp_tx_c	Num	8	Recipient at transplant: Recipient systolic blood pressure at this assessment:

Num	Variable	Type	Len	Label
32	rcp_whatstudy_tx_c	Char	37	Recipient at transplant: If the subject is a participant in another research study, what is the name of that study?
33	a2all_id_c	Char	6	Unique patient ID in Cohort
34	rcp_dod_tx_c	Num	8	Recipient at transplant: What was the patient's date of death?
35	rcp_cond_tx_rc	Num	8	Recipient at transplant: medical condition
36	rcp_vent_tx_rc	Num	8	Recipient at transplant: on ventilator
37	rcp_fxn_tx_rc	Num	8	Recipient at transplant: functional status
38	rcp_employ_tx_rc	Num	8	Recipient at transplant: employment status
39	rcp_enceph_tx_rc	Num	8	Recipient at transplant: encephalopathy
40	rcp_varibleed_tx_rc	Num	8	Recipient at transplant: variceal bleeding
41	rcp_ascites_tx_rc	Num	8	Recipient at transplant: ascites
42	rcp_absurg_tx_rc	Num	8	Recipient at transplant: previous upper abdominal surgery prior to transplant
43	rcp_absurg_chole_rc	Num	8	Recipient at transplant: cholecystectomy prior to transplant
44	rcp_absurg_giresect_rc	Num	8	Recipient at transplant: gastric resection prior to transplant
45	rcp_absurg_sbresect_rc	Num	8	Recipient at transplant: small bowel resection prior to transplant
46	rcp_absurg_oth_rc	Num	8	Recipient at transplant: upper abdominal surgery, other
47	rcp_absurg_othspec_r	Char	48	Recipient at transplant: upper abdominal surgery, other (specify)
48	rcp_sbp_tx_rc	Num	8	Recipient at transplant: spontaneous bacterial peritonitis
49	rcp_tips_tx_rc	Num	8	Recipient at transplant: history of TIPSS prior to transplant
50	rcp_dm_tx_rc	Num	8	Recipient at transplant: diabetes mellitus
51	rcp_dmtx_tx_rc	Num	8	Recipient at transplant: diabetes treatment
52	rcp_cad_tx_rc	Num	8	Recipient at transplant: angina/coronary artery disease
53	rcp_htn_tx_rc	Num	8	Recipient at transplant: drug treated systemic hypertension
54	rcp_afp_tx_rc	Num	8	Recipient at transplant: Record the AFP value at this assessment:
55	hcc_mrict_date_tx_rc	Num	8	HCC at transplant: Date of the last abdominal CT scan or MRI that occurred prior to transplant
56	hcc_locate_tx_rc	Num	8	HCC at transplant: HCC location
57	hcc_nodes_tx_rc	Num	8	HCC at transplant: number of HCC Nodules in the liver
58	hcc_sz1_tx_rc	Num	8	HCC at transplant: size of nodule 1 (cm)
59	hcc_sz2_tx_rc	Num	8	HCC at transplant: size of nodule 2 (cm)
60	hcc_sz3_tx_rc	Num	8	HCC at transplant: size of nodule 3 (cm)
61	hcc_sz4_tx_rc	Num	8	HCC at transplant: size of nodule 4 (cm)
62	hcc_sz5_tx_rc	Num	8	HCC at transplant: size of nodule 5 (cm)
63	hcc_vascin_tx_rc	Num	8	HCC at transplant: vascular invasion
64	hcc_locate1_tx_rc	Num	8	HCC at transplant: main portal vein
65	hcc_locate2_tx_rc	Num	8	HCC at transplant: right portal vein
66	hcc_locate3_tx_rc	Num	8	HCC at transplant: left portal vein
67	hcc_locate4_tx_rc	Num	8	HCC at transplant: right-sided branches
68	hcc_locate5_tx_rc	Num	8	HCC at transplant: left-sided branches

Num	Variable	Type	Len	Label
69	hcc_tclass_tx_rc	Num	8	HCC at transplant: primary tumor classification
70	hcc_lymph_tx_rc	Num	8	HCC at transplant: evidence of HCC in regional lymph nodes
71	hcc_exhep_tx_rc	Num	8	HCC at transplant: cancer spread beyond the liver
72	hcc_ablate_tx_rc	Num	8	HCC at transplant: how many ablations had the patient received prior to transplant
73	hcc_abtype_rf_tx_rc	Num	8	HCC at transplant: type of ablation: radiofrequency ablation
74	hcc_abtype_cryo_tx_rc	Num	8	HCC at transplant: type of ablation: cryotherapy
75	hcc_abtype_etoh_tx_rc	Num	8	HCC at transplant: type of ablation: alcohol ablation
76	hcc_abtype_chememb_tx_rc	Num	8	HCC at transplant: type of ablation: chemoembolization
77	hcc_abtype_chemoinf_tx_rc	Num	8	HCC at transplant: type of ablation: chemoinfusion
78	hcc_abtype_surgres_tx_rc	Num	8	HCC at transplant: type of ablation: surgical resection
79	hcc_restype_tx_rc	Num	8	HCC at transplant: if yes to resection, type of surgical resection prior to transplant
80	hcc_chemo_tx_rc	Num	8	HCC at transplant: chemotherapy treatment prior to transplant
81	hcc_chagent_adria_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: adriamycin prior to transplant
82	hcc_chagent_cisplat_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: cisplatin prior to transplant
83	hcc_chagent_comb_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: combination chemotherapy prior to transplant
84	hcc_chagent_radio_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: radiotherapy prior to transplant
85	hcc_chagent_unk_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: chemotherapeutic agent unknown prior to transplant
86	hcc_chagent_other_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: other chemotherapeutic agent prior to transplant
87	hcc_chagent_spec_tx_c	Char	31	HCC at transplant: chemotherapeutic agent: specify other chemotherapeutic agent prior to transplant
88	hcv_newtx_tx_rc	Num	8	HCV at transplant: Was the patient receiving any anti-viral treatment since last assessment?
89	hcv_txtype_tx_rc	Num	8	HCV at transplant: HCV treatment methods
90	hcv_txstart_dt_tx_rc	Num	8	HCV at transplant: Record the date of initiation of HCV treatment
91	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
92	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
93	rcp_age_tx_rc	Num	8	Recipient at transplant: age
94	rcp_wt_kg_tx_rc	Num	8	Recipient at transplant: weight (kg)
95	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
96	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
97	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
98	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC
99	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases
100	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol



Num	Variable	Type	Len	Label
101	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
102	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
103	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
104	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
105	rcp_core_dgn_acutefail_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
106	rcp_core_dgn_nonhccmalig_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
107	rcp_core_dgn_metabolic_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
108	rcp_core_dgn_alccirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
109	rcp_core_dgn_hcv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
110	rcp_core_dgn_hcc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
111	rcp_core_dgn_oth_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
112	rcp_core_dgn_cryptocirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
113	rcp_core_dgn_pbc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)
114	rcp_core_dgn_psc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
115	rcp_core_dgn_autoimmhep_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
116	rcp_core_dgn_hbv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
117	rcp_core_dgn_hemochrom_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
118	LDLT_rc	Num	8	Recipient intraop: LDLT
119	DDLT_rc	Num	8	Recipient intraop: DDLT
120	LDLT_dt_rc	Num	8	Recipient intraop: LDLT date
121	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
122	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
123	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
124	rcp_otherstudy_tx_c	Num	8	Recipient at transplant: Is the subject currently a participant in another research study?
125	hcv_genotype_tx_r	Num	8	HCV at transplant: HCV genotype
126	rcp_delistwhy_tx_c	Num	8	Recipient at transplant: Why was the patient removed from the wait list at your transplant center?
127	rcp_rna_tx_r	Num	8	Recipient at transplant: HCV RNA last available test prior to transplant
128	rcp_hosp_tx_c	Num	8	Recipient at transplant: Has the patient been hospitalized since the last assessment?
129	rcp_lt_tx_c	Num	8	Recipient at transplant: Did the patient receive a liver transplant during this interval?

Num	Variable	Type	Len	Label
130	rcp_txpsurg_tx_c	Num	8	Recipient at transplant: Was the patient brought to the operating room with the intention of receiving a liver transplant during this interval?
131	hcc_trigger_tx_r	Num	8	HCC at transplant: Did the patient have HCC AND receive a liver transplant?
132	rcp_hcc_trigger_tx_r	Num	8	Recipient at transplant: Did the patient have HCC AND go to the OR with the intent to receive a liver transplant?
133	hcv_outcomes_trigger_tx_r	Num	8	HCV at transplant: Did the patient have HCV AND receive a liver transplant?
134	hcv_inf_na_tx_c	Num	8	HCV at transplant: Not Applicable, interferon treatment continuing.
135	hcv_riba_na_tx_c	Num	8	HCV at transplant: Not Applicable, ribavirin treatment continuing.
136	hcv_hcvtx_tx_c	Num	8	HCV at transplant: Was ongoing treatment for HCV being given at last assessment?
137	hcv_infstop_tx_c	Num	8	HCV at transplant: Was ongoing treatment with interferon being given at the last assessment?
138	hcv_ribastop_tx_c	Num	8	HCV at transplant: Was ongoing treatment with ribavirin being given at the last assessment?
139	rcp_lstchange_tx_c	Num	8	Recipient at transplant: Has the patients listing status changed since the previous assessment?
140	rcp_meldex_yesno_tx_c	Num	8	Recipient at transplant: Did this patient receive a MELD exception since the last assessment?
141	rcp_noafp_tx_c	Num	8	Recipient at transplant: AFP Not Done
142	rcp_noalb_tx_c	Num	8	Recipient at transplant: Albumin Not Done
143	rcp_noalk_tx_c	Num	8	Recipient at transplant: Alkaline Phosphate Not Done
144	rcp_noalt_tx_c	Num	8	Recipient at transplant: ALT Not Done
145	rcp_noast_tx_c	Num	8	Recipient at transplant: AST Not Done
146	rcp_nobili_tx_c	Num	8	Recipient at transplant: Total bilirubin Not Done
147	rcp_nocreat_tx_c	Num	8	Recipient at transplant: Serum creatinine Not Done
148	rcp_noinr_tx_c	Num	8	Recipient at transplant: INR Not Done
149	rcp_nona_tx_c	Num	8	Recipient at transplant: serum sodium Not Done
150	rcp_nopt_tx_c	Num	8	Recipient at transplant: PT Not Done
151	rcp_fxn_tx_r	Num	8	Recipient at transplant: functional status in Retro
152	rcp_dialytype_tx_c	Num	8	Recipient at transplant: dialysis and types
153	rcp_stat_tx_c	Num	8	Recipient at transplant: What is the recipients current status?
154	rcp_livsource_tx_c	Num	8	Recipient at transplant: What type of donor provided the liver for transplantation?
155	rcp_listhx_tx_c	Num	8	Recipient at transplant: What was the patients listing status at the previous assessment?
156	rcp_fxn_tx_c	Num	8	Recipient at transplant: functional status in Cohort
157	rcp_ins_tx_c	Num	8	Recipient at transplant: Primary source of payment:
158	hcc_mrictrres_tx_c	Num	8	HCC at transplant: Result of the MRI/CT scan done at this assessment
159	hcc_doneres_tx_c	Num	8	HCC at transplant: Result of bone scan done at this assessment
160	hcc_chestres_tx_c	Num	8	HCC at transplant: Result of the chest CT done at this assessment
161	hcv_rna_units_tx_c	Num	8	HCV at transplant: Units for HCV Quantification:
162	rcp_meldex_tx_c	Num	8	Recipient at transplant: What type of MELD exception did the patient receive?

Num	Variable	Type	Len	Label
163	rcp_hcv_trigger_tx_r	Num	8	Recipient at transplant: Did the patient have HCV AND go to the OR with the intent to receive a liver transplant?
164	rcp_alt_tx_rcx	Num	8	Recipient at transplant: Serum ALT closest to time of transplant (IU/L)
165	rcp_ast_tx_rcx	Num	8	Recipient at transplant: Serum AST closest to time of transplant (IU/L)
166	rcp_alk_tx_rcx	Num	8	Recipient at transplant: Serum Alkaline Phosphatase (ALK) closest to time of transplant (IU/L)
167	rcp_bili_tx_rcx	Num	8	Recipient at transplant: total bilirubin closest to transplant (mg/dl)
168	rcp_creat_tx_rcx	Num	8	Recipient at transplant: creatinine (mg/dl)
169	rcp_alb_tx_rcx	Num	8	Recipient at transplant: total serum albumin closest to transplant
170	rcp_inr_tx_rcx	Num	8	Recipient at transplant: INR closest to transplant
171	rcp_vent_tx_rcx	Num	8	Recipient at transplant: on ventilator?
172	rcp_meld_tx_rcx	Num	8	Recipient at transplant: MELD at transplant (max 40)
173	rcp_dialy_tx_rcx	Num	8	Recipient at transplant: on dialysis?
174	rcp_na_tx_cx	Num	8	Recipient at transplant: Serum sodium closest to time of transplant (MEq/L)
175	rcp_noalt_tx_cx	Num	8	Recipient at transplant: ALT Not Done
176	rcp_noast_tx_cx	Num	8	Recipient at transplant: AST Not Done
177	rcp_noalk_tx_cx	Num	8	Recipient at transplant: Alkaline Phosphate Not Done
178	rcp_nobili_tx_cx	Num	8	Recipient at transplant: Total bilirubin Not Done
179	rcp_nocreat_tx_cx	Num	8	Recipient at transplant: Serum creatinine Not Done
180	rcp_noalb_tx_cx	Num	8	Recipient at transplant: Albumin Not Done
181	rcp_noinr_tx_cx	Num	8	Recipient at transplant: INR Not Done
182	rcp_nona_tx_cx	Num	8	Recipient at transplant: Serum sodium Not Done
183	a2all_id_x	Char	6	Unique patient ID in Core
184	rcp_core_dgn_acutefail_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
185	rcp_core_dgn_nonhccmalig_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
186	rcp_core_dgn_metabolic_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
187	rcp_core_dgn_alccirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
188	rcp_core_dgn_hcv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
189	rcp_core_dgn_hcc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
190	rcp_core_dgn_oth_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
191	rcp_core_dgn_cryptocirr_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
192	rcp_core_dgn_pbc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)
193	rcp_core_dgn_psc_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
194	rcp_core_dgn_autoimmhep_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)

Num	Variable	Type	Len	Label
195	rcp_core_dgn_hbv_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
196	rcp_core_dgn_hemochrom_tx_rcx	Num	8	Recipient at enr/list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
197	site_id_rcx	Num	8	Recipient site ID in Retro/Cohort/Core
198	LDLT_rcx	Num	8	Recipient intraop: LDLT
199	LDLT_dt_rcx	Num	8	Recipient intraop: LDLT date
200	rcp_age_tx_rcx	Num	8	Recipient at transplant: age
201	rcp_txp_dt_rcx	Num	8	Recipient intraop: transplant date (non-aborted procedure)
202	rcp_wt_kg_tx_rcx	Num	8	Recipient at transplant: weight (kg)
203	rcp_bmi_tx_rcx	Num	8	Recipient at transplant: bmi (kg/m2)
204	rcp_bmi_tx_rcx_srs	Num	8	Recipient at transplant: bmi (kg/m2), A2ALL supplemented w/SRTR

**Data Set Name: rcp\_txp\_rc.sas7bdat**

Num	Variable	Type	Len	Label
1	rcp_resp_id_r	Num	8	Recipient unique ID in Retro
2	hcv_txstop_dt_tx_r	Num	8	HCV at transplant: Stop Date of HCV Treatment
3	rcp_rnadate_tx_r	Num	8	Recipient at transplant: HCV RNA last available test date prior to transplant
4	ID_char	Char	6	Patient ID that links Retro and Cohort data: =Retro ID if in Retro (it may be in Cohort) =Cohort ID if in Cohort only
5	hcc_doa_tx_c	Num	8	HCC at transplant: Date of assessment
6	hcc_sz6_tx_c	Num	8	HCC at transplant: Size of nodule 6
7	hcv_quantrna_dt_tx_c	Num	8	HCV at transplant: Record the date of the Quantitative RNA test that occurred closest to and prior to transplant
8	hcv_rnaresult_tx_c	Num	8	HCV at transplant: Quantitative RNA Result:
9	hcv_rna_lowlimit_tx_c	Num	8	HCV at transplant: Lower Limit of Detection:
10	hcv_infstop_dt_tx_c	Num	8	HCV at transplant: If subject was receiving interferon at the last assessment, record the date of completion of interferon treatment:
11	hcv_ribastop_dt_tx_c	Num	8	HCV at transplant: If subject was receiving ribavirin at the last assessment, record the date of completion of ribavirin treatment:
12	hcv_doa_tx_c	Num	8	HCV at transplant: What date did this assessment occur?
13	rcp_contactdate_tx_c	Num	8	Recipient at transplant: What was the last known date of contact with the patient?
14	rcp_delistdate_tx_c	Num	8	Recipient at transplant: What was the date of removal from the waiting list?
15	rcp_diabp_tx_c	Num	8	Recipient at transplant: Recipient diastolic blood pressure at this assessment:
16	rcp_doa_tx_c	Num	8	Recipient at transplant: What date was the patient seen for this assessment?
17	rcp_insoth_tx_c	Char	34	Recipient at transplant: Specify 'other' primary source of payment:
18	rcp_listdate_tx_c	Num	8	Recipient at transplant: What was the date of listing?
19	rcp_na_tx_c	Num	8	Recipient at transplant: Record serum sodium at this assessment:
20	rcp_meldex_oth_tx_c	Char	63	Recipient at transplant: Specify 'other' MELD exception
21	rcp_hospnum_tx_c	Num	8	Recipient at transplant: How many hospitalizations have occurred since the last assessment?
22	rcp_pt_tx_c	Num	8	Recipient at transplant: Record the PT value at this assessment:
23	rcp_sysbp_tx_c	Num	8	Recipient at transplant: Recipient systolic blood pressure at this assessment:
24	rcp_whatstudy_tx_c	Char	37	Recipient at transplant: If the subject is a participant in another research study, what is the name of that study?
25	a2all_id_c	Char	6	Unique patient ID in Cohort
26	rcp_dod_tx_c	Num	8	Recipient at transplant: What was the patient's date of death?
27	rcp_cond_tx_rc	Num	8	Recipient at transplant: medical condition
28	rcp_vent_tx_rc	Num	8	Recipient at transplant: on ventilator
29	rcp_fxn_tx_rc	Num	8	Recipient at transplant: functional status
30	rcp_employ_tx_rc	Num	8	Recipient at transplant: employment status
31	rcp_enceph_tx_rc	Num	8	Recipient at transplant: encephalopathy

Num	Variable	Type	Len	Label
32	rcp_varibleed_tx_rc	Num	8	Recipient at transplant: variceal bleeding
33	rcp_ascites_tx_rc	Num	8	Recipient at transplant: ascites
34	rcp_absurg_tx_rc	Num	8	Recipient at transplant: previous upper abdominal surgery prior to transplant
35	rcp_absurg_chole_rc	Num	8	Recipient at transplant: cholecystectomy prior to transplant
36	rcp_absurg_giresect_rc	Num	8	Recipient at transplant: gastric resection prior to transplant
37	rcp_absurg_sbresect_rc	Num	8	Recipient at transplant: small bowel resection prior to transplant
38	rcp_absurg_oth_rc	Num	8	Recipient at transplant: upper abdominal surgery, other
39	rcp_absurg_othspec_r	Char	48	Recipient at transplant: upper abdominal surgery, other (specify)
40	rcp_sbp_tx_rc	Num	8	Recipient at transplant: spontaneous bacterial peritonitis
41	rcp_tips_tx_rc	Num	8	Recipient at transplant: history of TIPSS prior to transplant
42	rcp_dm_tx_rc	Num	8	Recipient at transplant: diabetes mellitus
43	rcp_dmtx_tx_rc	Num	8	Recipient at transplant: diabetes treatment
44	rcp_dialy_tx_rc	Num	8	Recipient at transplant: dialysis
45	rcp_cad_tx_rc	Num	8	Recipient at transplant: angina/coronary artery disease
46	rcp_htn_tx_rc	Num	8	Recipient at transplant: drug treated systemic hypertension
47	rcp_creat_tx_rc	Num	8	Recipient at transplant: creatinine (mg/dL)
48	rcp_alb_tx_rc	Num	8	Recipient at transplant: total serum albumin closest to transplant (g/dL)
49	rcp_bili_tx_rc	Num	8	Recipient at transplant: total bilirubin (mg/dL)
50	rcp_meld_tx_rc	Num	8	Recipient at transplant: MELD
51	rcp_inr_tx_rc	Num	8	Recipient at transplant: INR
52	rcp_ast_tx_rc	Num	8	Recipient at transplant: AST (IU/L)
53	rcp_alt_tx_rc	Num	8	Recipient at transplant: ALT (IU/L)
54	rcp_alk_tx_rc	Num	8	Recipient at transplant: Alkaline Phosphate (IU/L)
55	rcp_afp_tx_rc	Num	8	Recipient at transplant: Record the AFP value at this assessment:
56	hcc_mrict_date_tx_rc	Num	8	HCC at transplant: Date of the last abdominal CT scan or MRI that occurred prior to transplant
57	hcc_locate_tx_rc	Num	8	HCC at transplant: HCC location
58	hcc_nodes_tx_rc	Num	8	HCC at transplant: number of HCC Nodules in the liver
59	hcc_sz1_tx_rc	Num	8	HCC at transplant: size of nodule 1 (cm)
60	hcc_sz2_tx_rc	Num	8	HCC at transplant: size of nodule 2 (cm)
61	hcc_sz3_tx_rc	Num	8	HCC at transplant: size of nodule 3 (cm)
62	hcc_sz4_tx_rc	Num	8	HCC at transplant: size of nodule 4 (cm)
63	hcc_sz5_tx_rc	Num	8	HCC at transplant: size of nodule 5 (cm)
64	hcc_vascinv_tx_rc	Num	8	HCC at transplant: vascular invasion
65	hcc_locate1_tx_rc	Num	8	HCC at transplant: main portal vein
66	hcc_locate2_tx_rc	Num	8	HCC at transplant: right portal vein
67	hcc_locate3_tx_rc	Num	8	HCC at transplant: left portal vein
68	hcc_locate4_tx_rc	Num	8	HCC at transplant: right-sided branches
69	hcc_locate5_tx_rc	Num	8	HCC at transplant: left-sided branches

Num	Variable	Type	Len	Label
70	hcc_tclass_tx_rc	Num	8	HCC at transplant: primary tumor classification
71	hcc_lymph_tx_rc	Num	8	HCC at transplant: evidence of HCC in regional lymph nodes
72	hcc_exhep_tx_rc	Num	8	HCC at transplant: cancer spread beyond the liver
73	hcc_ablate_tx_rc	Num	8	HCC at transplant: how many ablations had the patient received prior to transplant
74	hcc_abtype_rf_tx_rc	Num	8	HCC at transplant: type of ablation: radiofrequency ablation
75	hcc_abtype_cryo_tx_rc	Num	8	HCC at transplant: type of ablation: cryotherapy
76	hcc_abtype_etoh_tx_rc	Num	8	HCC at transplant: type of ablation: alcohol ablation
77	hcc_abtype_chememb_tx_rc	Num	8	HCC at transplant: type of ablation: chemoembolization
78	hcc_abtype_chemoinf_tx_rc	Num	8	HCC at transplant: type of ablation: chemoinfusion
79	hcc_abtype_surgres_tx_rc	Num	8	HCC at transplant: type of ablation: surgical resection
80	hcc_restype_tx_rc	Num	8	HCC at transplant: if yes to resection, type of surgical resection prior to transplant
81	hcc_chemo_tx_rc	Num	8	HCC at transplant: chemotherapy treatment prior to transplant
82	hcc_chagent_adria_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: adriamycin prior to transplant
83	hcc_chagent_cisplat_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: cisplatin prior to transplant
84	hcc_chagent_comb_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: combination chemotherapy prior to transplant
85	hcc_chagent_radio_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: radiotherapy prior to transplant
86	hcc_chagent_unk_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: chemotherapeutic agent unknown prior to transplant
87	hcc_chagent_other_tx_rc	Num	8	HCC at transplant: chemotherapeutic agent: other chemotherapeutic agent prior to transplant
88	hcc_chagent_spec_tx_c	Char	31	HCC at transplant: chemotherapeutic agent: specify other chemotherapeutic agent prior to transplant
89	hcv_newtx_tx_rc	Num	8	HCV at transplant: Was the patient receiving any anti-viral treatment since last assessment?
90	hcv_txtype_tx_rc	Num	8	HCV at transplant: HCV treatment methods
91	hcv_txstart_dt_tx_rc	Num	8	HCV at transplant: Record the date of initiation of HCV treatment
92	ID	Char	6	Patient ID that links Retro, Cohort, and Core data: =Retro resp_id if in Retro only      =Cohort ID if in Cohort (it may be in Retro or Core)      =Core ID if in Core only
93	a2all_id_r	Char	5	Recipient ID in Retro (NOT UNIQUE)
94	site_id_rc	Num	8	Recipient site ID in Retro or Cohort
95	rcp_age_tx_rc	Num	8	Recipient at transplant: age
96	rcp_wt_kg_tx_rc	Num	8	Recipient at transplant: weight (kg)
97	rcp_bmi_tx_rc	Num	8	Recipient at transplant: bmi (kg/m2)
98	rcp_coh_dgn_AHN_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Hepatic Necrosis
99	rcp_coh_dgn_BilAtr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Biliary Atresia
100	rcp_coh_dgn_chol_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cholestatic Liver Disease/Cirrho
101	rcp_coh_dgn_Malig_nonHCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Malignant Neoplasms other than HCC

Num	Variable	Type	Len	Label
102	rcp_coh_dgn_Metab_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Diseases
103	rcp_coh_dgn_othnoncc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Non-Cholestatic Cirrhosis other than HCV/alcohol
104	rcp_coh_dgn_alcoh_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcoholic Cirrhosis
105	rcp_coh_dgn_HCC_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: HCC
106	rcp_coh_dgn_HCV_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C
107	rcp_coh_dgn_other_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other
108	rcp_core_dgn_acutefail_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Acute Liver Failure (merges with Core)
109	rcp_core_dgn_nonhccmalig_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Primary Hepatic Malignancy Other than HCC (merges with Core)
110	rcp_core_dgn_metabolic_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Metabolic Liver Disease other than Primary Hemochromatosis (merges with Core)
111	rcp_core_dgn_alccirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Alcohol-related Cirrhosis (merges with Core)
112	rcp_core_dgn_hcv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis C Virus Cirrhosis (HCV) (merges with Core)
113	rcp_core_dgn_hcc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatocellular Carcinoma (HCC) (merges with Core)
114	rcp_core_dgn_oth_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Other Chronic Liver Disease/Cirrhosis (merges with Core)
115	rcp_core_dgn_cryptocirr_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cryptogenic Cirrhosis (merges with Core)
116	rcp_core_dgn_pbc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PBC (merges with Core)
117	rcp_core_dgn_psc_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: PSC (merges with Core)
118	rcp_core_dgn_autoimmhep_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Autoimmune Hepatitis (merges with Core)
119	rcp_core_dgn_hbv_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Hepatitis B Cirrhosis (HBV) (merges with Core)
120	rcp_core_dgn_hemochrom_tx_rc	Num	8	Recipient at list/dnr eval/pretx assess/txp: any dgn: Cirrhosis due to Primary Hemochromatosis (merges with Core)
121	LDLT_rc	Num	8	Recipient intraop: LDLT
122	DDLT_rc	Num	8	Recipient intraop: DDLT
123	LDLT_dt_rc	Num	8	Recipient intraop: LDLT date
124	DDLT_dt_rc	Num	8	Recipient intraop: DDLT date
125	rcp_txp_dt_rc	Num	8	Recipient intraop: Transplant date (non-aborted procedure)
126	rcp_subtype_c	Num	8	Recipient study entry: enrollee category of subject
127	rcp_otherstudy_tx_c	Num	8	Recipient at transplant: Is the subject currently a participant in another research study?
128	hcv_genotype_tx_r	Num	8	HCV at transplant: HCV genotype
129	rcp_delistwhy_tx_c	Num	8	Recipient at transplant: Why was the patient removed from the wait list at your transplant center?
130	rcp_rna_tx_r	Num	8	Recipient at transplant: HCV RNA last available test prior to transplant



Num	Variable	Type	Len	Label
131	rcp_hosp_tx_c	Num	8	Recipient at transplant: Has the patient been hospitalized since the last assessment?
132	rcp_lt_tx_c	Num	8	Recipient at transplant: Did the patient receive a liver transplant during this interval?
133	rcp_txpsurg_tx_c	Num	8	Recipient at transplant: Was the patient brought to the operating room with the intention of receiving a liver transplant during this interval?
134	hcc_trigger_tx_r	Num	8	HCC at transplant: Did the patient have HCC AND receive a liver transplant?
135	rcp_hcc_trigger_tx_r	Num	8	Recipient at transplant: Did the patient have HCC AND go to the OR with the intent to receive a liver transplant?
136	hcv_outcomes_trigger_tx_r	Num	8	HCV at transplant: Did the patient have HCV AND receive a liver transplant?
137	hcv_inf_na_tx_c	Num	8	HCV at transplant: Not Applicable, interferon treatment continuing.
138	hcv_riba_na_tx_c	Num	8	HCV at transplant: Not Applicable, ribavirin treatment continuing.
139	hcv_hcvtx_tx_c	Num	8	HCV at transplant: Was ongoing treatment for HCV being given at last assessment?
140	hcv_infstop_tx_c	Num	8	HCV at transplant: Was ongoing treatment with interferon being given at the last assessment?
141	hcv_ribastop_tx_c	Num	8	HCV at transplant: Was ongoing treatment with ribavirin being given at the last assessment?
142	rcp_lstchange_tx_c	Num	8	Recipient at transplant: Has the patients listing status changed since the previous assessment?
143	rcp_meldex_yesno_tx_c	Num	8	Recipient at transplant: Did this patient receive a MELD exception since the last assessment?
144	rcp_noafp_tx_c	Num	8	Recipient at transplant: AFP Not Done
145	rcp_noalb_tx_c	Num	8	Recipient at transplant: Albumin Not Done
146	rcp_noalk_tx_c	Num	8	Recipient at transplant: Alkaline Phosphate Not Done
147	rcp_noalt_tx_c	Num	8	Recipient at transplant: ALT Not Done
148	rcp_noast_tx_c	Num	8	Recipient at transplant: AST Not Done
149	rcp_nobili_tx_c	Num	8	Recipient at transplant: Total bilirubin Not Done
150	rcp_nocreat_tx_c	Num	8	Recipient at transplant: Serum creatinine Not Done
151	rcp_noinr_tx_c	Num	8	Recipient at transplant: INR Not Done
152	rcp_nona_tx_c	Num	8	Recipient at transplant: serum sodium Not Done
153	rcp_nopt_tx_c	Num	8	Recipient at transplant: PT Not Done
154	rcp_fxn_tx_r	Num	8	Recipient at transplant: functional status in Retro
155	rcp_dialytype_tx_c	Num	8	Recipient at transplant: dialysis and types
156	rcp_stat_tx_c	Num	8	Recipient at transplant: What is the recipients current status?
157	rcp_livsource_tx_c	Num	8	Recipient at transplant: What type of donor provided the liver for transplantation?
158	rcp_listhx_tx_c	Num	8	Recipient at transplant: What was the patients listing status at the previous assessment?
159	rcp_fxn_tx_c	Num	8	Recipient at transplant: functional status in Cohort
160	rcp_ins_tx_c	Num	8	Recipient at transplant: Primary source of payment:
161	hcc_mrictres_tx_c	Num	8	HCC at transplant: Result of the MRI/CT scan done at this assessment
162	hcc_doneres_tx_c	Num	8	HCC at transplant: Result of bone scan done at this assessment

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
163	hcc_chestres_tx_c	Num	8	HCC at transplant: Result of the chest CT done at this assessment
164	hcv_rna_units_tx_c	Num	8	HCV at transplant: Units for HCV Quantification:
165	rcp_meldex_tx_c	Num	8	Recipient at transplant: What type of MELD exception did the patient receive?
166	rcp_hcv_trigger_tx_r	Num	8	Recipient at transplant: Did the patient have HCV AND go to the OR with the intent to receive a liver transplant?

**Data Set Name: niddk\_cdr\_retro\_dnr.sas7bdat**

Num	Variable	Type	Len	Label
1	RESP_ID	Num	8	Unique A2ALL patient identifier
2	DAACS_DEATH	Char	1	30846: Death
3	DAACS_ICUDAMIT	Char	1	30840: ICU Admission
4	DAACS_LONGSTAY	Char	1	30841: Hospitalized for more than 14 days as a result of this complication
5	DAACS_ONSETDATE	Num	8	30831: Date of Onset
6	DAACS_PROCEDURE	Char	1	30836: Interventions/Procedures
7	DAACS_PROCTYPE	Char	1	30837: If yes to Interventions/Procedures, Type of Intervention or Procedure
8	DAACS_RELIST	Char	1	30843: Was the patient listed for a liver transplant as a result of this complication?
9	DAACS_RESIDISABLE	Char	1	30842: Residual Disability/Disease resulting from the complication
10	DAACS_RESOLVE	Char	1	30832: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
11	DAACS_RETXP	Char	1	30845: Transplantation
12	DAACS_TRANSFUSE	Char	1	30838: Blood Transfusion
13	DAACS_TXMED	Char	1	30834: Medications Required for Treatment
14	DAACS_TXMEDTYPE	Char	1	30835: If yes to Medications Required for Treatment, Type of Medications
15	DAACS_WORSEN	Char	1	30833: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
16	DABCS_DEATH	Char	1	30814: Death
17	DABCS_ICUDAMIT	Char	1	30808: ICU Admission
18	DABCS_LONGSTAY	Char	1	30809: Hospitalized for more than 14 days as a result of this complication
19	DABCS_ONSETDATE	Num	8	30799: Date of Onset
20	DABCS_PRBC	Num	8	30807: If yes to Blood Transfusion, Units of RBCs
21	DABCS_PROCEDURE	Char	1	30804: Interventions/Procedures
22	DABCS_PROCTYPE	Char	1	30805: If yes to Interventions/Procedures, Type of Intervention or Procedure
23	DABCS_RELIST	Char	1	30811: Was the patient listed for a liver transplant as a result of this complication?
24	DABCS_RESIDISABLE	Char	1	30810: Residual Disability/Disease resulting from the complication
25	DABCS_RESOLVE	Char	1	30800: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
26	DABCS_RETXP	Char	1	30813: Transplantation
27	DABCS_TRANSFUSE	Char	1	30806: Blood Transfusion
28	DABCS_TXMED	Char	1	30802: Medications Required for Treatment
29	DABCS_TXMEDTYPE	Char	1	30803: If yes to Medications Required for Treatment, Type of Medications
30	DABCS_WORSEN	Char	1	30801: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
31	DACS_DEATH	Char	1	31022: Death
32	DACS_ICUDAMIT	Char	1	31016: ICU Admission

Num	Variable	Type	Len	Label
33	DACS_LONGSTAY	Char	1	31017: Hospitalized for more than 14 days as a result of this complication
34	DACS_ONSETDATE	Num	8	31007: Date of Onset
35	DACS_PROCEDURE	Char	1	31012: Interventions/Procedures
36	DACS_RELIST	Char	1	31019: Was the patient listed for a liver transplant as a result of this complication?
37	DACS_RESIDISABLE	Char	1	31018: Residual Disability/Disease resulting from the complication
38	DACS_RESOLVE	Char	1	31008: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
39	DACS_RETXP	Char	1	31021: Transplantation
40	DACS_TRANSFUSE	Char	1	31014: Blood Transfusion
41	DACS_TXMED	Char	1	31010: Medications Required for Treatment
42	DACS_TXMEDTYPE	Char	1	31011: If yes to Medications Required for Treatment, Type of Medications
43	DASCCS_DEATH	Char	1	31102: Death
44	DASCCS_ICUDAMIT	Char	1	31096: ICU Admission
45	DASCCS_LONGSTAY	Char	1	31097: Hospitalized for more than 14 days as a result of this complication
46	DASCCS_ONSETDATE	Num	8	31087: Date of Onset
47	DASCCS_PROCEDURE	Char	1	31092: Interventions/Procedures
48	DASCCS_RELIST	Char	1	31099: Was the patient listed for a liver transplant as a result of this complication?
49	DASCCS_RESIDISABLE	Char	1	31098: Residual Disability/Disease resulting from the complication
50	DASCCS_RESOLVE	Char	2	31088: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
51	DASCCS_RETXP	Char	1	31101: Transplantation
52	DASCCS_TRANSFUSE	Char	1	31094: Blood Transfusion
53	DASCCS_TXMED	Char	1	31090: Medications Required for Treatment
54	DBLCS_DEATH	Char	1	30782: Death
55	DBLCS_ICUDAMIT	Char	1	30776: ICU Admission
56	DBLCS_LONGSTAY	Char	1	30777: Hospitalized for more than 14 days as a result of this complication
57	DBLCS_ONSETDATE	Num	8	30767: Date of Onset
58	DBLCS_PRBC	Num	8	30775: If yes to Blood Transfusion, Units of RBCs
59	DBLCS_PROCEDURE	Char	1	30772: Interventions/Procedures
60	DBLCS_PROCTYPE	Char	1	30773: If yes to Interventions/Procedures, Type of Intervention or Procedure
61	DBLCS_RELIST	Char	1	30779: Was the patient listed for a liver transplant as a result of this complication?
62	DBLCS_RESIDISABLE	Char	1	30778: Residual Disability/Disease resulting from the complication
63	DBLCS_RESOLVE	Char	1	30768: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
64	DBLCS_RETXP	Char	1	30781: Transplantation
65	DBLCS_TRANSFUSE	Char	1	30774: Blood Transfusion
66	DBLCS_TXMED	Char	1	30770: Medications Required for Treatment
67	DBLCS_TXMEDTYPE	Char	1	30771: If yes to Medications Required for Treatment, Type of Medications

Num	Variable	Type	Len	Label
68	DBLCS_WORSEN	Char	1	30769: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
69	DBOCS_DEATH	Char	1	30878: Death
70	DBOCS_ICUDAMIT	Char	1	30872: ICU Admission
71	DBOCS_LONGSTAY	Char	1	30873: Hospitalized for more than 14 days as a result of this complication
72	DBOCS_ONSETDATE	Num	8	30863: Date of Onset
73	DBOCS_PROCEDURE	Char	1	30868: Interventions/Procedures
74	DBOCS_PROCTYPE	Char	1	30869: If yes to Interventions/Procedures, Type of Intervention or Procedure
75	DBOCS_RELIST	Char	1	30875: Was the patient listed for a liver transplant as a result of this complication?
76	DBOCS_RESIDISABLE	Char	1	30874: Residual Disability/Disease resulting from the complication
77	DBOCS_RESOLVE	Char	1	30864: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
78	DBOCS_RETXP	Char	1	30877: Transplantation
79	DBOCS_TRANSFUSE	Char	1	30870: Blood Transfusion
80	DBOCS_TXMED	Char	1	30866: Medications Required for Treatment
81	DBOCS_TXMEDTYPE	Char	1	30867: If yes to Medications Required for Treatment, Type of Medications
82	DBOCS_WORSEN	Char	1	30865: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
83	DBSCS_DEATH	Char	1	30798: Death
84	DBSCS_ICUDAMIT	Char	1	30792: ICU Admission
85	DBSCS_LONGSTAY	Char	1	30793: Hospitalized for more than 14 days as a result of this complication
86	DBSCS_ONSETDATE	Num	8	30783: Date of Onset
87	DBSCS_PROCEDURE	Char	1	30788: Interventions/Procedures
88	DBSCS_PROCTYPE	Char	1	30789: If yes to Interventions/Procedures, Type of Intervention or Procedure
89	DBSCS_RELIST	Char	1	30795: Was the patient listed for a liver transplant as a result of this complication?
90	DBSCS_RESIDISABLE	Char	1	30794: Residual Disability/Disease resulting from the complication
91	DBSCS_RESOLVE	Char	1	30784: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
92	DBSCS_RETXP	Char	1	30797: Transplantation
93	DBSCS_TRANSFUSE	Char	1	30790: Blood Transfusion
94	DBSCS_TXMED	Char	1	30786: Medications Required for Treatment
95	DBSCS_WORSEN	Char	1	30785: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
96	DDCS_DEATH	Char	1	31054: Death
97	DDCS_ICUDAMIT	Char	1	31048: ICU Admission
98	DDCS_LONGSTAY	Char	1	31049: Hospitalized for more than 14 days as a result of this complication
99	DDCS_ONSETDATE	Num	8	31039: Date of Onset
100	DDCS_PROCEDURE	Char	1	31044: Interventions/Procedures

Num	Variable	Type	Len	Label
101	DDCS_RELIST	Char	1	31051: Was the patient listed for a liver transplant as a result of this complication?
102	DDCS_RESIDISABLE	Char	1	31050: Residual Disability/Disease resulting from the complication
103	DDCS_RESOLVE	Char	1	31040: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
104	DDCS_RETXP	Char	1	31053: Transplantation
105	DDCS_TRANSFUSE	Char	1	31046: Blood Transfusion
106	DDCS_TXMED	Char	1	31042: Medications Required for Treatment
107	DDCS_TXMEDTYPE	Char	1	31043: If yes to Medications Required for Treatment, Type of Medications
108	DDCS_WORSEN	Char	1	31041: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
109	DDEM_ABO	Char	1	30639: Donor ABO blood type
110	DDEM_EDUCATE	Char	3	30640: Donor highest education level at time of enrollment
111	DDEM_ETHNIC	Char	1	30637: Donor ethnicity
112	DDEM_RACE	Char	3	30638: Donor race
113	DDEM_RELATE	Char	3	30641: Living Donor relationship to recipient
114	DDEM_RESIDE	Char	3	30636: Donor state of permanent residence at the time of enrollment
115	DECS_DEATH	Char	1	31086: Death
116	DECS_ICUDAMIT	Char	1	31080: ICU Admission
117	DECS_LONGSTAY	Char	1	31081: Hospitalized for more than 14 days as a result of this complication
118	DECS_ONSETDATE	Num	8	31071: Date of Onset
119	DECS_PROCEDURE	Char	1	31076: Interventions/Procedures
120	DECS_RELIST	Char	1	31083: Was the patient listed for a liver transplant as a result of this complication?
121	DECS_RESIDISABLE	Char	1	31082: Residual Disability/Disease resulting from the complication
122	DECS_RESOLVE	Char	1	31072: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
123	DECS_RETXP	Char	1	31085: Transplantation
124	DECS_TRANSFUSE	Char	1	31078: Blood Transfusion
125	DECS_TXMED	Char	1	31074: Medications Required for Treatment
126	DECS_TXMEDTYPE	Char	1	31075: If yes to Medications Required for Treatment, Type of Medications
127	DECS_WORSEN	Char	1	31073: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
128	DEV_ACCEPT	Char	1	30633: Donor Acceptance
129	DEV_AP	Num	8	30630: Serum Alkaline Phosphate (ALK PHOS) closest to date of donor evaluation
130	DEV_CMV	Char	1	30632: CMV IgG at evaluation
131	DEV_HT	Num	8	30626: Donor height in centimeters
132	DEV_REJDATE	Num	8	30635: Date of decision to reject donor
133	DEV_REJREAS	Char	2	30634: Rejection reason
134	DEV_TB	Num	8	30631: Serum Total Bilirubin closest to date of donor evaluation

Num	Variable	Type	Len	Label
135	DEV_WT	Num	8	30628: Donor weight in kilograms at enrollment
136	DGIBCS_DEATH	Char	1	30830: Death
137	DGIBCS_ICUDAMIT	Char	1	30824: ICU Admission
138	DGIBCS_LONGSTAY	Char	1	30825: Hospitalized for more than 14 days as a result of this complication
139	DGIBCS_ONSETDATE	Num	8	30815: Date of Onset
140	DGIBCS_PRBC	Num	8	30823: If yes to Blood Transfusion, Units of RBCs
141	DGIBCS_PROCEDURE	Char	1	30820: Interventions/Procedures
142	DGIBCS_PROCTYPE	Char	1	30821: If yes to Interventions/Procedures, Type of Intervention or Procedure
143	DGIBCS_RELIST	Char	1	30827: Was the patient listed for a liver transplant as a result of this complication?
144	DGIBCS_RESIDISABLE	Char	1	30826: Residual Disability/Disease resulting from the complication
145	DGIBCS_RESOLVE	Char	1	30816: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
146	DGIBCS_RETXP	Char	1	30829: Transplantation
147	DGIBCS_TRANSFUSE	Char	1	30822: Blood Transfusion
148	DGIBCS_TXMED	Char	1	30818: Medications Required for Treatment
149	DGIBCS_TXMEDTYPE	Char	1	30819: If yes to Medications Required for Treatment, Type of Medications
150	DGIBCS_WORSEN	Char	1	30817: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
151	DHCS_DEATH	Char	1	31070: Death
152	DHCS_ICUDAMIT	Char	1	31064: ICU Admission
153	DHCS_LONGSTAY	Char	1	31065: Hospitalized for more than 14 days as a result of this complication
154	DHCS_ONSETDATE	Num	8	31055: Date of Onset
155	DHCS_PRBC	Num	8	31063: If yes to Blood Transfusion, Units of RBCs
156	DHCS_PROCEDURE	Char	1	31060: Interventions/Procedures
157	DHCS_PROCTYPE	Char	1	31061: If yes to Interventions/Procedures, Type of Intervention or Procedure
158	DHCS_RELIST	Char	1	31067: Was the patient listed for a liver transplant as a result of this complication?
159	DHCS_RESIDISABLE	Char	1	31066: Residual Disability/Disease resulting from the complication
160	DHCS_RESOLVE	Char	2	31056: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
161	DHCS_RETXP	Char	1	31069: Re-Transplantation
162	DHCS_TRANSFUSE	Char	1	31062: Blood Transfusion
163	DHCS_TXMED	Char	1	31058: Medications Required for Treatment
164	DHCS_TXMEDTYPE	Char	1	31059: If yes to Medications Required for Treatment, Type of Medications
165	DHCS_WORSEN	Char	1	31057: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
166	DHOS_ADMIT	Num	8	30619: Date of Admission
167	DHOS_ADMIT_4	Num	8	49617: Date of Admission
168	DHOS_ADMIT_2	Num	8	49603: Date of Admission
169	DHOS_ADMIT_3	Num	8	49610: Date of Admission

Num	Variable	Type	Len	Label
170	DHOS_ADMIT_5	Num	8	49624: Date of Admission
171	DHOS_ADMIT_6	Num	8	49631: Date of Admission
172	DHOS_DC	Num	8	30620: Date of Discharge
173	DHOS_DCDEST	Char	1	30621: Discharge Destination
174	DHOS_DCDEST_4	Char	1	49619: Discharge Destination
175	DHOS_DCDEST_2	Char	1	49605: Discharge Destination
176	DHOS_DCDEST_6	Char	1	49633: Discharge Destination
177	DHOS_DCDEST_3	Char	1	49612: Discharge Destination
178	DHOS_DCDEST_5	Char	1	49626: Discharge Destination
179	DHOS_DCDX	Num	8	30625: For post donation complication or post-donation Other-Primary Discharge Diagnosis
180	DHOS_DCDX_3	Num	8	49616: For post donation complication or post-donation Other-Primary Discharge Diagnosis
181	DHOS_DCDX_2	Num	8	49609: For post donation complication or post-donation Other-Primary Discharge Diagnosis
182	DHOS_DCDX_6	Num	8	49637: For post donation complication or post-donation Other-Primary Discharge Diagnosis
183	DHOS_DCDX_5	Num	8	49630: For post donation complication or post-donation Other-Primary Discharge Diagnosis
184	DHOS_DCDX_4	Num	8	49623: For post donation complication or post-donation Other-Primary Discharge Diagnosis
185	DHOS_DC_4	Num	8	49618: Date of Discharge
186	DHOS_DC_2	Num	8	49604: Date of Discharge
187	DHOS_DC_3	Num	8	49611: Date of Discharge
188	DHOS_DC_5	Num	8	49625: Date of Discharge
189	DHOS_DC_6	Num	8	49632: Date of Discharge
190	DHOS_HOSPTYP	Char	1	30623: Type of hospital
191	DHOS_HOSPTYP_4	Char	1	49621: Type of hospital
192	DHOS_HOSPTYP_2	Char	1	49607: Type of hospital
193	DHOS_HOSPTYP_3	Char	1	49614: Type of hospital
194	DHOS_HOSPTYP_6	Char	1	49635: Type of hospital
195	DHOS_HOSPTYP_5	Char	1	49628: Type of hospital
196	DHOS_ICUDAYS	Num	8	30622: Number of ICU days during this admission
197	DHOS_ICUDAYS_2	Num	8	49606: Number of ICU days during this admission
198	DHOS_ICUDAYS_6	Num	8	49634: Number of ICU days during this admission
199	DHOS_ICUDAYS_5	Num	8	49627: Number of ICU days during this admission
200	DHOS_ICUDAYS_3	Num	8	49613: Number of ICU days during this admission
201	DHOS_ICUDAYS_4	Num	8	49620: Number of ICU days during this admission
202	DHOS_REASON	Char	1	30624: Reason for hospital admission
203	DHOS_REASON_6	Char	1	49636: Reason for hospital admission
204	DHOS_REASON_2	Char	1	49608: Reason for hospital admission



Num	Variable	Type	Len	Label
205	DHOS_REASON_4	Char	1	49622: Reason for hospital admission
206	DHOS_REASON_5	Char	1	49629: Reason for hospital admission
207	DHOS_REASON_3	Char	1	49615: Reason for hospital admission
208	DICS_DEATH	Char	1	30862: Death
209	DICS_ICUDAMIT	Char	1	30856: ICU Admission
210	DICS_LONGSTAY	Char	1	30857: Hospitalized for more than 14 days as a result of this complication
211	DICS_ONSETDATE	Num	8	30847: Date of Onset
212	DICS_PROCEDURE	Char	1	30852: Interventions/Procedures
213	DICS_PROCTYPE	Char	1	30853: If yes to Interventions/Procedures, Type of Intervention or Procedure
214	DICS_RELIST	Char	1	30859: Was the patient listed for a liver transplant as a result of this complication?
215	DICS_RESIDISABLE	Char	1	30858: Residual Disability/Disease resulting from the complication
216	DICS_RESOLVE	Char	1	30848: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
217	DICS_RETXP	Char	1	30861: Transplantation
218	DICS_TRANSFUSE	Char	1	30854: Blood Transfusion
219	DICS_TXMED	Char	1	30850: Medications Required for Treatment
220	DICS_TXMEDTYPE	Char	1	30851: If yes to Medications Required for Treatment, Type of Medications
221	DICS_WORSEN	Char	1	30849: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
222	DINFCS_DEATH	Char	1	31230: Death
223	DINFCS_ICUDAMIT	Char	1	31224: ICU Admission
224	DINFCS_LONGSTAY	Char	1	31225: Hospitalized for more than 14 days as a result of this complication
225	DINFCS_ONSETDATE	Num	8	31215: Date of Onset
226	DINFCS_PROCEDURE	Char	1	31220: Interventions/Procedures
227	DINFCS_PROCTYPE	Char	1	31221: If yes to Interventions/Procedures, Type of Intervention or Procedure
228	DINFCS_RELIST	Char	1	31227: Was the patient listed for a liver transplant as a result of this complication?
229	DINFCS_RELISTDATE	Num	8	31228: If Yes to Listing, Date of Listing
230	DINFCS_RESIDISABLE	Char	1	31226: Residual Disability/Disease resulting from the complication
231	DINFCS_RESOLVE	Char	2	31216: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
232	DINFCS_RETXP	Char	1	31229: Transplantation
233	DINFCS_TRANSFUSE	Char	1	31222: Blood Transfusion
234	DINFCS_TXMED	Char	1	31218: Medications Required for Treatment
235	DINFCS_TXMEDTYPE	Char	1	31219: If yes to Medications Required for Treatment, Type of Medications
236	DINFCS_WORSEN	Char	1	31217: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
237	DIO_ABORT	Char	1	30587: Donation procedure aborted before completion
238	DIO_ABORTOTHER	Char	92	42614: If other, specify reason
239	DIO_ABORTREA	Char	2	30588: Reason(s) for Procedure Abortion

Num	Variable	Type	Len	Label
240	DIO_ANESTIME	Num	8	30618: Total Anesthesia Time (in minutes). Defined as induction to skin closure and dressing
241	DIO_BILERT	Num	8	30605: Number of bile ducts From Right Lobe
242	DIO_BXMACRO	Num	8	30596: % Macrovesicular Fat
243	DIO_BXMICRO	Num	8	30595: % Microvesicular Fat
244	DIO_BXOTHER	Char	122	30597: Specify any other findings
245	DIO_CHOLIRESUL	Char	1	30607: Cholangiogram Results
246	DIO_COMP	Char	1	30614: Other Complications
247	DIO_COMPOTHER	Char	73	30615: If other, specify complication
248	DIO_EPIANAL	Char	1	30599: Epidural Analgesia (e.g. Duramorph)
249	DIO_EPIANEST	Char	1	30598: Epidural Anesthesia
250	DIO_HART	Num	8	30604: Number of hepatic arteries to Right Lobe
251	DIO_HEPVRT	Num	8	30600: Total Number of Hepatic Veins From the Right Lobe Preserved for Anastomosis
252	DIO_HYPOTN	Char	1	30609: Hypotension (<100 mm Hg) during the surgery
253	DIO_HYPOTNLEN	Num	8	30610: Duration of Hypotensive Episode(s)- the total duration of the hypotensive episodes (if more than one episode occurred, add them together) in minutes
254	DIO_ILLOBWT	Num	8	30585: Left Lobe weight according to preoperative imaging (in grams)
255	DIO_INJDESCRIB	Char	1	30612: Intraoperative Injury Description
256	DIO_INJOTHER	Char	38	30613: If other, specify injury
257	DIO_INJURY	Char	1	30611: Intraoperative Injury
258	DIO_IRLOBWT	Num	8	30586: Right Lobe weight according to preoperative imaging (in grams)
259	DIO_LLOBWT	Num	8	30593: Residual Volume in Donor (in percent)
260	DIO_NOTXPREA	Char	1	30590: Reason(s) for Nontransplantation
261	DIO_OPBX	Char	1	30594: Preoperative/Intraoperative Biopsy performed
262	DIO_ORTIME	Num	8	30617: Total Length of Operative Procedures (in minutes). Defined as incision to skin closure and dressing
263	DIO_OTHERREA	Char	24	30591: If other, specify reason
264	DIO_OTHERSURG	Char	1	30616: Other Intraoperative Surgical Procedures performed at the time of donation surgery
265	DIO_POSTCHOLI	Char	1	30606: Post-resection cholangiogram performed
266	DIO_PRBC	Num	8	30608: Units of Transfused RBCs
267	DIO_PVRT	Num	8	30603: Number of portal vein/veins to Right Lobe
268	DIO_RESECT	Char	1	30589: Resected graft transplanted into recipient
269	DIO_RLOBWT	Num	8	30592: Right Lobe weight post-resection in OR (in grams)
270	DIO_SURGERY	Num	8	30584: Date of Surgery
271	DIO_VEINSITE_1	Char	1	30601: Site of First Vein Preserved
272	DIO_VEINSITE_2	Char	1	46812: Site of Second Vein Preserved
273	DIO_VEINSITE_3	Char	1	46814: Site of Third Vein Preserved
274	DIO_VEINSITE_4	Char	1	46816: Site of Fourth Vein Preserved

Num	Variable	Type	Len	Label
275	DIO_VEINSIZE_2	Num	8	46813: Size of Second Vein Preserved in mm
276	DIO_VEINSIZE_3	Num	8	46815: Size of Third Vein Preserved in mm
277	DIO_VEINSIZE_4	Num	8	46817: Size of Fourth Vein Preserved in mm
278	DIO_VEINSIZE_5	Num	8	46819: Size of Fifth Vein Preserved in mm
279	DIO_VEINSZ_1	Num	8	30602: Size of First Vein Preserved in mm
280	DIVCTCS_DEATH	Char	1	31166: Death
281	DIVCTCS_ICUDAMIT	Char	1	31160: ICU Admission
282	DIVCTCS_LONGSTAY	Char	1	31161: Hospitalized for more than 14 days as a result of this complication
283	DIVCTCS_ONSETDATE	Num	8	31151: Date of Onset
284	DIVCTCS_PROCEDURE	Char	1	31156: Interventions/Procedures
285	DIVCTCS_PROCTYPE	Char	1	31157: If yes to Interventions/Procedures, Type of Intervention or Procedure
286	DIVCTCS_RELIST	Char	1	31163: Was the patient listed for a liver transplant as a result of this complication?
287	DIVCTCS_RESIDISABLE	Char	1	31162: Residual Disability/Disease resulting from the complication
288	DIVCTCS_RESOLVE	Char	1	31152: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
289	DIVCTCS_RETXP	Char	1	31165: Transplantation
290	DIVCTCS_TRANSFUSE	Char	1	31158: Blood Transfusion
291	DIVCTCS_TXMED	Char	1	31154: Medications Required for Treatment
292	DIVCTCS_TXMEDTYPE	Char	1	31155: If yes to Medications Required for Treatment, Type of Medications
293	DMOR_ABBLD	Char	1	30526: Intra-abdominal Bleeding-a series of bleeds over several days without full recovery constitutes one episode
294	DMOR_ABPRBC	Num	8	30527: Number of Units of RBCs Transfused for intra-abdominal bleed
295	DMOR_ABSCESS	Char	1	30532: Localized intra-abdominal abscesses that were treated with antibiotics, surgical or radiologic intervention
296	DMOR_ASCITES	Char	1	30550: Post operative Ascites. Answer yes if ascites was treated with diuretics (furosemide, spironolactone, bumetanide, metalazone) or paracentesis
297	DMOR_ASPIR	Char	1	30545: Aspiration-sudden respiratory distress that required intubation, associated with the appearance of a new focal infiltrate on a chest x-ray or suctioning of gastric contents from an endotracheal tube
298	DMOR_BBILE	Char	1	30560: Bacterial Bile Duct
299	DMOR_BBLOOD	Char	1	30561: Bacterial Blood
300	DMOR_BILE	Char	1	30524: Bile leak/Biloma-Presence of persistent bilious drainage beyond 7 days post surgery, or have a diagnosis of an intra-abdominal bile collection
301	DMOR_BLIV	Char	1	30562: Bacterial Liver
302	DMOR_BOWEL	Char	1	30535: Bowel Obstruction documented by imaging study or identified at re-exploration
303	DMOR_BPULM	Char	1	30563: Bacterial Pulmonary
304	DMOR_BUTI	Char	1	30565: Bacterial Urinary Tract
305	DMOR_BWOUND	Char	1	30559: Bacterial Wound
306	DMOR_CHF	Char	1	30539: Congestive Heart Failure post-donation during the perioperative period

Num	Variable	Type	Len	Label
307	DMOR_CPR	Char	1	30543: Cardiopulmonary Arrest-cessation of patients heartbeat and breathing. Answer Yes only if the episode required resuscitation
308	DMOR_DEHISC	Char	1	30547: Dehiscence-abrupt release of sutures/staples causing the wound to open
309	DMOR_DEPRESS	Char	1	30581: Psychological difficulty
310	DMOR_DVT	Char	1	30556: Deep Vein Thrombosis-treated with anticoagulants
311	DMOR_ENCEPH	Char	1	30549: Encephalopathy/Hepatic Coma-post-operative liver-induced altered mental status or disturbed level of consciousness necessitating treatment with lactulose, neomycin or metronizadole
312	DMOR_FWOUND	Char	1	30573: Fungal Wound
313	DMOR_GIBLD	Char	1	30528: Upper/Lower GI Bleeding-a series of bleeds over several days without full recovery constitutes one episode
314	DMOR_GIBLDCAU	Char	25	30530: If not ulcer, specify cause of GI bleed
315	DMOR_GIPRBC	Num	8	30531: Number of Units of RBCs Transfused
316	DMOR_HAT	Char	1	30552: Hepatic Artery Thrombosis
317	DMOR_HERNIA	Char	1	30548: Post-op Hernia Development
318	DMOR_ILEUSLENG	Num	8	30534: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
319	DMOR_ILIEUS	Char	1	30533: Prolonged Ileus-a delay in return of bowel function beyond 7 days post-op
320	DMOR_IVCT	Char	1	30554: Inferior Vena Cava Thrombosis
321	DMOR_LIVFAIL	Char	1	30551: Liver Failure-generalized deterioration of hepatic function after donation
322	DMOR_MI	Char	1	30538: Myocardial Infarction post-donation during the perioperative period
323	DMOR_NEURAPRAX	Char	1	30557: Neuropraxia-experience sensory or motor peripheral nerve dysfunction that resulted in altered sensations or loss of motor function in the absence of central nervous system disorder
324	DMOR_OTHER	Char	98	30583: Psychological difficulty
325	DMOR_PE	Char	1	30546: Pulmonary Embolism-sudden onset of dyspnea associated with tachypnea and tachycardia documented as a probable pulmonary embolism by V/Q scan or a spiral CT
326	DMOR_PEDEM	Char	1	30542: Pulmonary Edema-accumulations of fluid in the interstitial lung tissues, confirmed by xray in the absence of congestive heart failure
327	DMOR_PLEUR	Char	1	30541: Pleural Effusion requiring either chest tube placement or thoracocentesis (tapping of fluid from the pleural space)
328	DMOR_PNEUMO	Char	1	30540: Pneumothorax requiring placement of a chest tube
329	DMOR_PSYCH	Char	1	30580: Psychological difficulties requiring intervention postoperatively
330	DMOR_PVT	Char	1	30553: Portal Vein Thrombosis
331	DMOR_REEXPLOR	Char	1	30536: Re-Exploration-unplanned return to the operating room following the initial donation procedure
332	DMOR_RESP	Char	1	30544: Respiratory Arrest-requiring intubation and not accompanied by cardiac arrest
333	DMOR_STRICT	Char	1	30525: Biliary Stricture-Presence of narrowing of the intrahepatic or extrahepatic bile ducts
334	DMOR_SUICIDE	Char	1	30582: Psychological difficulty

Num	Variable	Type	Len	Label
335	DMOR_SURGCOMP	Char	1	30537: Identification of any surgical complications arising from the donation procedure during re-exploratory surgery
336	DMOR_TXP	Char	1	30555: Donor received a liver graft due to liver failure after donation
337	DMOR_ULCER	Char	1	30529: GI bleed caused by an Ulcer
338	DMOR_VCNS	Char	1	30571: Viral CNS
339	DMOR_VPULM	Char	1	30570: Viral Pulmonary
340	DNCS_DEATH	Char	1	31214: Death
341	DNCS_ICUDAMIT	Char	1	31208: ICU Admission
342	DNCS_LONGSTAY	Char	1	31209: Hospitalized for more than 14 days as a result of this complication
343	DNCS_ONSETDATE	Num	8	31199: Date of Onset
344	DNCS_PROCEDURE	Char	1	31204: Interventions/Procedures
345	DNCS_PROCTYPE	Char	1	31205: If yes to Interventions/Procedures, Type of Intervention or Procedure
346	DNCS_RELIST	Char	1	31211: Was the patient listed for a liver transplant as a result of this complication?
347	DNCS_RESIDISABLE	Char	1	31210: Residual Disability/Disease resulting from the complication
348	DNCS_RESOLVE	Char	2	31200: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
349	DNCS_RETXP	Char	1	31213: Transplantation
350	DNCS_TRANSFUSE	Char	1	31206: Blood Transfusion
351	DNCS_TXMED	Char	1	31202: Medications Required for Treatment
352	DNCS_TXMEDTYPE	Char	1	31203: If yes to Medications Required for Treatment, Type of Medications
353	DNCS_WORSEN	Char	1	31201: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
354	DNR_EVAL_DATE	Num	8	52032: What was the date of this donors evaluation?
355	DNR_STAT_COMPS	Char	1	50678: Associated Complication Severity Forms
356	DNR_STAT_DATE	Num	8	50693: <b>Date data entry for this subject was completed:</b>
357	DNR_STAT_DEMO	Char	1	50672: Donor Demographics
358	DNR_STAT_DONE	Char	1	50692: <b>Data entry for this subject is complete.</b>
359	DNR_STAT_EVAL	Char	1	50673: Donor Evaluation
360	DNR_STAT_HOSP	Char	1	50676: Donor Hospitalizations (fill out one for each hospitalization event)
361	DNR_STAT_INTRAOP	Char	1	50675: Donor Intraoperative Data
362	DNR_STAT_MORB	Char	1	50677: Donor Morbidity
363	DNR_STAT_SURV	Char	1	50674: Donor Survival
364	DONE_2008	Char	1	256432: 2008 data update complete for this subject?
365	DONE_2008_DATE	Num	8	256433: Date 2008 update completed:
366	DONOR_INTRAOP_TRIGGER	Char	1	46748: Did the patient go to the OR with the intention of donating a portion of his/her liver? (If so, fill out "Donor Intraoperative" form).
367	DONOR_OUTCOMES_TRIGGER	Char	1	46749: Did the patient donate a lobe of his/her liver? If so, then complete the "Donor Morbidity" and "Donor Hospitalizations" forms.
368	DONOR_VEINSITE_5	Char	1	46818: Site of Fifth Vein Preserved
369	DPECS_DEATH	Char	1	31038: Death

Num	Variable	Type	Len	Label
370	DPECS_ICUDAMIT	Char	1	31032: ICU Admission
371	DPECS_LONGSTAY	Char	1	31033: Hospitalized for more than 14 days as a result of this complication
372	DPECS_ONSETDATE	Num	8	31023: Date of Onset
373	DPECS_PRBC	Num	8	31031: If yes to Blood Transfusion, Units of RBCs
374	DPECS_PROCEDURE	Char	1	31028: Interventions/Procedures
375	DPECS_PROCTYPE	Char	1	31029: If yes to Interventions/Procedures, Type of Intervention or Procedure
376	DPECS_RELIST	Char	1	31035: Listed for liver transplant as a result of complication
377	DPECS_RESIDISABLE	Char	1	31034: Residual Disability/Disease resulting from the complication
378	DPECS_RESOLVE	Char	1	31024: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
379	DPECS_RETXP	Char	1	31037: Transplantation
380	DPECS_TRANSFUSE	Char	1	31030: Blood Transfusion
381	DPECS_TXMED	Char	1	31026: Medications Required for Treatment
382	DPECS_TXMEDTYPE	Char	1	31027: If yes to Medications Required for Treatment, Type of Medications
383	DPECS_WORSEN	Char	1	31025: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
384	DPLECS_DEATH	Char	1	30958: Death
385	DPLECS_ICUDAMIT	Char	1	30952: ICU Admission
386	DPLECS_LONGSTAY	Char	1	30953: Hospitalized for more than 14 days as a result of this complication
387	DPLECS_ONSETDATE	Num	8	30943: Date of Onset
388	DPLECS_PRBC	Num	8	30951: If yes to Blood Transfusion, Units of RBCs
389	DPLECS_PROCEDURE	Char	1	30948: Interventions/Procedures
390	DPLECS_PROCTYPE	Char	1	30949: If yes to Interventions/Procedures, Type of Intervention or Procedure
391	DPLECS_RELIST	Char	1	30955: Was the patient listed for a liver transplant as a result of this complication?
392	DPLECS_RESIDISABLE	Char	1	30954: Residual Disability/Disease resulting from the complication
393	DPLECS_RESOLVE	Char	2	30944: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
394	DPLECS_RETXP	Char	1	30957: Transplantation
395	DPLECS_TRANSFUSE	Char	1	30950: Blood Transfusion
396	DPLECS_TXMED	Char	1	30946: Medications Required for Treatment
397	DPLECS_TXMEDTYPE	Char	1	30947: If yes to Medications Required for Treatment, Type of Medications
398	DPLECS_WORSEN	Char	1	30945: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
399	DPSYCS_DEATH	Char	1	31246: Death
400	DPSYCS_ICUDAMIT	Char	1	31240: ICU Admission
401	DPSYCS_LONGSTAY	Char	1	31241: Hospitalized for more than 14 days as a result of this complication
402	DPSYCS_ONSETDATE	Num	8	31231: Date of Onset
403	DPSYCS_PROCEDURE	Char	1	31236: Interventions/Procedures
404	DPSYCS_PROCTYPE	Char	1	31237: If yes to Interventions/Procedures, Type of Intervention or Procedure

Num	Variable	Type	Len	Label
405	DPSYCS_RELIST	Char	1	31243: Was the patient listed for a liver transplant as a result of this complication?
406	DPSYCS_RESIDISABLE	Char	1	31242: Residual Disability/Disease resulting from the complication
407	DPSYCS_RESOLVE	Char	2	31232: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
408	DPSYCS_RETXP	Char	1	31245: Transplantation
409	DPSYCS_TRANSFUSE	Char	1	31238: Blood Transfusion
410	DPSYCS_TXMED	Char	1	31234: Medications Required for Treatment
411	DPSYCS_TXMEDTYPE	Char	1	31235: If yes to Medications Required for Treatment, Type of Medications
412	DPSYCS_WORSEN	Char	1	31233: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
413	DPTCS_DEATH	Char	1	30942: Death
414	DPTCS_ICUDAMIT	Char	1	30936: ICU Admission
415	DPTCS_LONGSTAY	Char	1	30937: Hospitalized for more than 14 days as a result of this complication
416	DPTCS_ONSETDATE	Num	8	30927: Date of Onset
417	DPTCS_PROCEDURE	Char	1	30932: Interventions/Procedures
418	DPTCS_PROCTYPE	Char	1	30933: If yes to Interventions/Procedures, Type of Intervention or Procedure
419	DPTCS_RELIST	Char	1	30939: Was the patient listed for a liver transplant as a result of this complication?
420	DPTCS_RESIDISABLE	Char	1	30938: Residual Disability/Disease resulting from the complication
421	DPTCS_RESOLVE	Char	1	30928: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
422	DPTCS_RETXP	Char	1	30941: Transplantation
423	DPTCS_TRANSFUSE	Char	1	30934: Blood Transfusion
424	DPTCS_TXMED	Char	1	30930: Medications Required for Treatment
425	DPTCS_TXMEDTYPE	Char	1	30931: If yes to Medications Required for Treatment, Type of Medications
426	DPUECS_DEATH	Char	1	30974: Death
427	DPUECS_ICUDAMIT	Char	1	30968: ICU Admission
428	DPUECS_LONGSTAY	Char	1	30969: Hospitalized for more than 14 days as a result of this complication
429	DPUECS_ONSETDATE	Num	8	30959: Date of Onset
430	DPUECS_PROCEDURE	Char	1	30964: Interventions/Procedures
431	DPUECS_PROCTYPE	Char	1	30965: If yes to Interventions/Procedures, Type of Intervention or Procedure
432	DPUECS_RELIST	Char	1	30971: Was the patient listed for a liver transplant as a result of this complication?
433	DPUECS_RESIDISABLE	Char	1	30970: Residual Disability/Disease resulting from the complication
434	DPUECS_RESOLVE	Char	1	30960: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
435	DPUECS_RETXP	Char	1	30973: Transplantation
436	DPUECS_TRANSFUSE	Char	1	30966: Blood Transfusion
437	DPUECS_TXMED	Char	1	30962: Medications Required for Treatment
438	DPUECS_TXMEDTYPE	Char	1	30963: If yes to Medications Required for Treatment, Type of Medications

Num	Variable	Type	Len	Label
439	DPUECS_WORSEN	Char	1	30961: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
440	DPVTCS_DEATH	Char	1	31150: Death
441	DPVTCS_ICUDAMIT	Char	1	31144: ICU Admission
442	DPVTCS_LONGSTAY	Char	1	31145: Hospitalized for more than 14 days as a result of this complication
443	DPVTCS_ONSETDATE	Num	8	31135: Date of Onset
444	DPVTCS_PROCEDURE	Char	1	31140: Interventions/Procedures
445	DPVTCS_PROCTYPE	Char	1	31141: If yes to Interventions/Procedures, Type of Intervention or Procedure
446	DPVTCS_RELIST	Char	1	31147: Was the patient listed for a liver transplant as a result of this complication?
447	DPVTCS_RESIDISABLE	Char	1	31146: Residual Disability/Disease resulting from the complication
448	DPVTCS_RESOLVE	Char	2	31136: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
449	DPVTCS_RETXP	Char	1	31149: Transplantation
450	DPVTCS_TRANSFUSE	Char	1	31142: Blood Transfusion
451	DPVTCS_TXMED	Char	1	31138: Medications Required for Treatment
452	DPVTCS_TXMEDTYPE	Char	1	31139: If yes to Medications Required for Treatment, Type of Medications
453	DPVTCS_WORSEN	Char	1	31137: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
454	DRECS_DEATH	Char	1	30894: Death
455	DRECS_ICUDAMIT	Char	1	30888: ICU Admission
456	DRECS_LONGSTAY	Char	1	30889: Hospitalized for more than 14 days as a result of this complication
457	DRECS_ONSETDATE	Num	8	30879: Date of Onset
458	DRECS_PRBC	Num	8	30887: If yes to Blood Transfusion, Units of RBCs
459	DRECS_PROCEDURE	Char	1	30884: Interventions/Procedures
460	DRECS_PROCTYPE	Char	1	30885: If yes to Interventions/Procedures, Type of Intervention or Procedure
461	DRECS_RELIST	Char	1	30891: Was the patient listed for a liver transplant as a result of this complication?
462	DRECS_RESIDISABLE	Char	1	30890: Residual Disability/Disease resulting from the complication
463	DRECS_RESOLVE	Char	1	30880: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
464	DRECS_RETXP	Char	1	30893: Transplantation
465	DRECS_TRANSFUSE	Char	1	30886: Blood Transfusion
466	DRECS_TXMED	Char	1	30882: Medications Required for Treatment
467	DRECS_TXMEDTYPE	Char	1	30883: If yes to Medications Required for Treatment, Type of Medications
468	DRECS_WORSEN	Char	1	30881: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
469	DSUR_ALIVE	Num	8	30519: If alive, date last known alive.
470	DSUR_DEATH	Num	8	30520: If dead, date of death
471	DSUR_PDEADCAU	Char	4	30521: If dead, primary cause of death
472	DSUR_STAT	Char	1	30518: Last known patient status



<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
473	ENR_DNUMBER	Char	1	40410: What donor number is this for the recipient?
474	ENR_GENDER	Char	1	40212: Gender
475	a2all_id	Char	5	A2ALL patient ID used in next phase of study (NOT UNIQUE)
476	SITE_ID	Num	8	Study site ID
477	pers_id	Num	8	SRTR: Unique SRTR patient identifier (PERS_ID)
478	ENR_YOB	Num	8	Year of Birth

**Data Set Name: *niddk\_cdr\_retro\_pairs.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	RECIP_RESP_ID	Num	8	Recipient RESP_ID
2	DONOR_RESP_ID	Num	8	Donor RESP_ID
3	donated	Num	8	Donor went to surgery (procedure may have been aborted)
4	match_donor	Num	8	Actual donor for LDLT recips (recip 1st txp=donor surgery date within 1 day)

**Data Set Name: niddk\_cdr\_retro\_rcp.sas7bdat**

Num	Variable	Type	Len	Label
1	RESP_ID	Num	8	Unique A2ALL patient identifier
2	BIL_ANAS_SITE_1	Char	2	46807: Describe the first LDLT to recipient biliary anastomosis site.
3	BIL_ANAS_SITE_2	Char	2	46808: Describe the second LDLT to recipient biliary anastomosis site.
4	BIL_ANAS_SITE_3	Char	2	46809: Describe the third LDLT to recipient biliary anastomosis site.
5	BIL_ANAS_SITE_4	Char	2	46810: Describe the fourth LDLT to recipient biliary anastomosis site.
6	BIL_ANAS_SITE_5	Char	2	46811: Describe the fifth LDLT to recipient biliary anastomosis site.
7	DONE_2008	Char	1	256432: 2008 data update complete for this subject?
8	DONE_2008_DATE	Num	8	256433: Date 2008 update completed:
9	ENR_GENDER	Char	1	40212: Gender
10	GOUT_DONOR	Char	1	30504: Source of donation
11	GOUT_DONOR_2	Char	1	49667: Source of donation
12	GOUT_DONOR_3	Char	1	49677: Source of donation
13	GOUT_FAIL	Num	8	30506: Date of graft failure
14	GOUT_FAIL_2	Num	8	49671: Date of graft failure
15	GOUT_FAIL_3	Num	8	49681: Date of graft failure
16	GOUT_LOSS	Char	1	30505: Graft Loss
17	GOUT_LOSS_2	Char	1	49670: Graft Loss
18	GOUT_LOSS_3	Char	1	49680: Graft Loss
19	GOUT_PCAUSE	Char	2	30507: Primary Cause of graft loss
20	GOUT_PCAUSE_2	Char	2	49672: Primary Cause of graft loss
21	GOUT_PCAUSE_3	Char	1	49682: Primary Cause of graft loss
22	GOUT_RELIST	Char	1	48787: Was patient relisted for another liver transplant?
23	GOUT_RELISTDATE	Num	8	48786: If yes, Date of Relisting
24	GOUT_RELISTDATE_2	Num	8	49669: If yes, Date of Relisting
25	GOUT_RELIST_2	Char	1	49668: Was patient relisted for another liver transplant?
26	GOUT_RELIST_3	Char	1	49678: Was patient relisted for another liver transplant?
27	GOUT_RETXP	Char	1	30509: Retransplantation?
28	GOUT_RETXP_2	Char	1	49674: Retransplantation?
29	GOUT_RETXP_3	Char	1	49684: Retransplantation?
30	GOUT_SCAUSE	Char	2	30508: Secondary Cause of graft loss
31	GOUT_SCAUSE_2	Char	2	49673: Secondary Cause of graft loss
32	GOUT_SCAUSE_3	Char	1	49683: Secondary Cause of graft loss
33	GOUT_TXP	Num	8	30503: Date of Transplant
34	GOUT_TXP_2	Num	8	49666: Date of Transplant
35	GOUT_TXP_3	Num	8	49676: Date of Transplant
36	HCCEN_ABLATE	Num	8	30497: How many ablations had the patient received prior to enrollment?(record 0 for none)

Num	Variable	Type	Len	Label
37	HCCEN_ABTYPE	Char	1	30498: Type of Ablation
38	HCCEN_AFP	Num	8	30502: AFP result closest to enrollment (ng/ml)
39	HCCEN_CHAGENT	Char	3	30501: Therapeutic Agent used.
40	HCCEN_CHEMO	Char	1	30500: Chemotherapy and Radiation treatment prior to enrollment
41	HCCEN_EXHEP	Char	1	30495: Cancer spread beyond the liver
42	HCCEN_LOCATE	Char	1	30484: HCC location
43	HCCEN_LOCATE_30492	Char	1	30492: If yes to vascular invasion, Location of tumor invasion on the portal vein
44	HCCEN_LYMPH	Char	1	30494: Evidence of HCC in regional lymph nodes
45	HCCEN_NODES	Char	1	30485: Number of HCC Nodules in the liver
46	HCCEN_RESTYPE	Char	1	30499: If yes to resection, Type of Surgical Resection
47	HCCEN_SZ1	Num	8	30486: Size of nodule 1 (cm)
48	HCCEN_SZ2	Num	8	30487: Size of nodule 2 (cm)
49	HCCEN_SZ3	Num	8	30488: Size of nodule 3 (cm)
50	HCCEN_SZ4	Num	8	30489: Size of nodule 4 (cm)
51	HCCEN_SZ5	Num	8	30490: Size of nodule 5 (cm)
52	HCCEN_TCLASS	Char	1	52031: Primary Tumor Classification
53	HCCEN_VASCIN	Char	1	30491: Vascular Invasion
54	HCCEX_EXHEP	Char	1	30441: Cancer spread beyond the liver
55	HCCEX_EXSTAGE	Char	1	30442: Tumor Grade
56	HCCEX_HCC	Char	1	30430: Was HCC found on explant pathology?
57	HCCEX_LOCATE	Char	1	30431: HCC location
58	HCCEX_LYMPH	Char	1	30440: Was there evidence of HCC found in the regional lymph nodes?
59	HCCEX_MITOSIS	Char	1	30443: What level of mitosis was observed on microscopic analysis?
60	HCCEX_NECROS	Char	1	30444: Proportion of Tumor Necrosis
61	HCCEX_NODES	Char	1	30432: Number of HCC Nodules in the liver
62	HCCEX_STAGE	Char	1	30439: Based on the number and size of HCC nodules, and the presence or absence of vascular invasion, choose the tumor stage:
63	HCCEX_SZ1	Num	8	30433: Size of nodule 1 (cm)
64	HCCEX_SZ2	Num	8	30434: Size of nodule 2 (cm)
65	HCCEX_SZ3	Num	8	30435: Size of nodule 3 (cm)
66	HCCEX_SZ4	Num	8	30436: Size of nodule 4 (cm)
67	HCCEX_SZ5	Num	8	30437: Size of nodule 5 (cm)
68	HCCEX_VASCIN	Char	1	30438: Was there HCC tumor invasion into vascular structures?
69	HCCLIS_ABLATE	Num	8	30478: How many ablations had the patient received immediately prior to or at listing?(record 0 for none)
70	HCCLIS_ABTYPE	Char	1	30479: Type of Ablation
71	HCCLIS_AFP	Num	8	30483: AFP result closest to listing (ng/ml)
72	HCCLIS_CHAGENT	Char	3	30482: Therapeutic Agent used
73	HCCLIS_CHEMO	Char	1	30481: Chemotherapy and Radiation treatment prior to listing

Num	Variable	Type	Len	Label
74	HCCLIS_EXHEP	Char	1	30476: Cancer spread beyond the liver
75	HCCLIS_LOCATE	Char	1	30465: HCC location
76	HCCLIS_LYMPH	Char	1	30475: Evidence of HCC in regional lymph nodes
77	HCCLIS_NODES	Char	1	30466: Number of HCC Nodules in the liver
78	HCCLIS_RESTYPE	Char	1	30480: If yes to resection, Type of Surgical Resection
79	HCCLIS_SZ1	Num	8	30467: Size of nodule 1 (cm)
80	HCCLIS_SZ2	Num	8	30468: Size of nodule 2 (cm)
81	HCCLIS_SZ3	Num	8	30469: Size of nodule 3 (cm)
82	HCCLIS_SZ4	Num	8	30470: Size of nodule 4 (cm)
83	HCCLIS_SZ5	Num	8	30471: Size of nodule 5 (cm)
84	HCCLIS_TCLASS	Char	1	30474: Primary Tumor Classification
85	HCCLIS_TUMINV	Char	1	30473: Location of tumor invasion on the portal vein?
86	HCCLIS_VASCIN	Char	1	30472: Vascular Invasion
87	HCCPT_ABLATE	Num	8	30459: Number of Ablations between enrollment and transplant
88	HCCPT_ABTYPE	Char	1	30460: Type of Ablation
89	HCCPT_AFP	Num	8	30464: AFP result closest to transplant (ng/ml)
90	HCCPT_CHAGENT	Char	3	30463: Therapeutic Agent used.
91	HCCPT_CHEMO	Char	1	30462: Chemotherapy and Radiation treatment between enrollment and transplant
92	HCCPT_EXHEP	Char	1	30457: Cancer spread beyond the liver
93	HCCPT_LOCATE	Char	1	30446: HCC location
94	HCCPT_LYMPH	Char	1	30456: Evidence of HCC in regional lymph nodes
95	HCCPT_NODES	Char	1	30447: Number of HCC Nodules in the liver
96	HCCPT_RESTYPE	Char	1	30461: If yes to resection, Type of Surgical Resection
97	HCCPT_SZ1	Num	8	30448: Size of nodule 1 (cm)
98	HCCPT_SZ2	Num	8	30449: Size of nodule 2 (cm)
99	HCCPT_SZ3	Num	8	30450: Size of nodule 3 (cm)
100	HCCPT_SZ4	Num	8	30451: Size of nodule 4 (cm)
101	HCCPT_SZ5	Num	8	30452: Size of nodule 5 (cm)
102	HCCPT_TCLASS	Char	1	30455: Primary Tumor Classification
103	HCCPT_TESTDATE	Num	8	30445: Date of the last abdominal CT scan or MRI that occurred prior to transplantation. (All answers regarding the tumor staging/description will come from this imaging study)
104	HCCPT_TUMINV	Char	1	30454: Location of tumor invasion on the portal vein?
105	HCCPT_VASCIN	Char	1	30453: Vascular Invasion
106	HCCREC_ABDATE1	Num	8	30417: Date of Ablation #1
107	HCCREC_ABDATE2	Num	8	49944: Date of Ablation #2
108	HCCREC_ABDATE3	Num	8	49945: Date of Ablation #3
109	HCCREC_ABDATE4	Num	8	49946: Date of Ablation #4
110	HCCREC_ABLAT	Num	8	30416: Number of post-transplant ablations (0 for none)

Num	Variable	Type	Len	Label
111	HCCREC_ABTYPE1	Char	1	30418: Type of Ablation #1
112	HCCREC_ABTYPE2	Char	1	49948: Type of Ablation #2
113	HCCREC_ABTYPE3	Char	1	49949: Type of Ablation #3
114	HCCREC_ABTYPE4	Char	1	49950: Type of Ablation #4
115	HCCREC_AFP	Char	3	30424: Post-operative AFP evaluation(s) performed
116	HCCREC_AFP1Y	Num	8	30427: Post-operative AFP result at 1 year
117	HCCREC_AFP2Y	Num	8	30428: Post-operative AFP result at 2 years
118	HCCREC_AFP3M	Num	8	30425: Post-operative AFP result at 3 months
119	HCCREC_AFP3Y	Num	8	30429: Post-operative AFP result at 3 years
120	HCCREC_AFP6M	Num	8	30426: Post-operative AFP result at 6 month
121	HCCREC_CHAGENT	Char	3	30423: Therapeutic Agent used
122	HCCREC_CHEMO	Char	1	30420: Chemotherapy and Radiation treatment
123	HCCREC_CHSTART	Num	8	30421: If not ablative, Start date of therapy cycle
124	HCCREC_CHSTOP	Num	8	30422: If not ablative, Stop date of therapy cycle
125	HCCREC_EXSITE	Char	1	30415: If extrahepatic, Location of extrahepatic recurrence
126	HCCREC_HCCRECUR	Char	1	30412: Did the patient develop cancer post transplant?
127	HCCREC_RECDATE	Num	8	30413: If yes to recurrence, Date of Recurrence
128	HCCREC_RECSITE	Char	1	30414: Where was the initial site of recurrence?
129	HCCREC_RESECTYP1	Char	1	30419: If yes to resection, Type of Surgical Resection #1
130	HCCREC_RESECTYP2	Char	1	49952: If yes to resection, Type of Surgical Resection #2
131	HCVEN_ALT	Num	8	30402: Serum Alanine Aminotransferase (ALT) closest to enrollment
132	HCVEN_AP	Num	8	30403: Serum Alkaline Phosphate (ALK PHOS) closest to enrollment
133	HCVEN_AST	Num	8	30401: Serum Aspartate Transaminase (AST) closest to enrollment
134	HCVEN_PREVTX	Char	1	30409: Prior HCV Treatment
135	HCVEN_PTXTYPE	Char	1	30411: Prior HCV Treatment Method
136	HCVEN_RNA	Char	3	30399: HCV RNA result closest to enrollment
137	HCVEN_RNADATE	Num	8	30400: Date of HCV RNA
138	HCVEN_TX	Char	1	30405: Was the patient receiving anti-viral treatment at time of enrollment?
139	HCVEN_TXLENG	Char	1	30410: What was the length of HCV treatment course prior to enrollment?
140	HCVEN_TXSTART	Num	8	30407: Start Date of HCV Treatment
141	HCVEN_TXSTOP	Num	8	30408: Stop date of HCV treatment
142	HCVEN_TXTYPE	Char	1	30406: What type of HCV treatment(s) was the patient receiving at time of enrollment?
143	HCVREC_KNPIN1YR	Num	8	30371: Knodell score for portal inflammation for the liver biopsy that occurred one year post-transplant
144	HCVREC_ALK12M	Num	8	30348: Serum ALK 12 month IU/L
145	HCVREC_ALK18M	Num	8	30349: Serum ALK 18 month IU/L
146	HCVREC_ALK1M	Num	8	30345: Serum ALK 1 month IU/L
147	HCVREC_ALK1W	Num	8	30344: Serum ALK 1 week IU/L

Num	Variable	Type	Len	Label
148	HCVREC_ALK24M	Num	8	30350: Serum ALK 24 month IU/L
149	HCVREC_ALK30M	Num	8	30351: Serum ALK 30 month IU/L
150	HCVREC_ALK3M	Num	8	30346: Serum ALK 3 month IU/L
151	HCVREC_ALK6M	Num	8	30347: Serum ALK 6 month IU/L
152	HCVREC_AST1	Num	8	30336: Serum AST 1 week IU/L
153	HCVREC_AST12M	Num	8	30340: Serum AST 12 month IU/L
154	HCVREC_AST18M	Num	8	30341: Serum AST 18 month IU/L
155	HCVREC_AST1M	Num	8	30337: Serum AST 1 month IU/L
156	HCVREC_AST24M	Num	8	30342: Serum AST 24 month IU/L
157	HCVREC_AST30M	Num	8	30343: Serum AST 30 month IU/L
158	HCVREC_AST3M	Num	8	30338: Serum AST 3 month IU/L
159	HCVREC_AST6M	Num	8	30339: Serum AST 6 month IU/L
160	HCVREC_BXPREDATE	Num	8	30383: Date of Liver Biopsy immediately prior to HCV Treatment
161	HCVREC_ISFIB1YR	Char	2	30372: Ishak Fibrosis Score for fibrosis for the liver biopsy that occurred one year post-transplant.
162	HCVREC_ISFIBLAST	Char	2	30377: Ishak Fibrosis Score for fibrosis for the liver biopsy at last available followup
163	HCVREC_ISFIBPRE	Char	2	30387: Ishak Fibrosis Score for fibrosis for the liver biopsy performed immediately prior to HCV treatment.
164	HCVREC_KNBN1YR	Num	8	30369: Knodell score for periportal +/- bridging necrosis for the liver biopsy that occurred one year post-transplant.
165	HCVREC_KNBNLAST	Num	8	30374: Knodell score for periportal +/- bridging necrosis for the liver biopsy that occurred at last available followup
166	HCVREC_KNBNPRE	Num	8	30384: Knodell score for periportal +/- bridging necrosis for the liver performed immediately prior to HCV treatment
167	HCVREC_KNLBINPRE	Num	8	30385: Knodell score for lobular inflammation and focal necrosis for the liver biopsy performed immediately prior to HCV treatment
168	HCVREC_KNLIN1YR	Num	8	30370: Knodell score for lobular inflammation and focal necrosis for the liver biopsy that occurred one year post-transplant.
169	HCVREC_KNLINLAST	Num	8	30375: Knodell score for lobular inflammation and focal necrosis for the liver biopsy that occurred at last available followup
170	HCVREC_KNPINLAST	Num	8	30376: Knodell score for portal inflammation for the liver biopsy that occurred at last available followup
171	HCVREC_KNPINPRE	Num	8	30386: Knodell score for portal inflammation for the liver biopsy performed immediately prior to HCV treatment
172	HCVREC_LIVBX1YR	Num	8	30368: Date of Liver Biopsy at one year post transplant (+ 3 months)
173	HCVREC_LIVBXLAST	Num	8	30373: Date of Liver Biopsy at last available post transplant followup
174	HCVREC_LIVBXPRTX	Char	1	30382: Was a Liver Biopsy done immediately prior to initiation of HCV treatment?
175	HCVREC_RNA1	Char	13	30331: First Quantitative HCV RNA level post-transplant
176	HCVREC_RNA12	Char	3	30335: HCV RNA at 12 months post-transplant
177	HCVREC_RNA1DATE	Num	8	30333: Date of quantitative HCV RNA test
178	HCVREC_RNA1UNIT	Char	2	30332: HCV RNA Units

Num	Variable	Type	Len	Label
179	HCVREC_RNA3	Char	3	30334: HCV RNA at 3 months post-transplant
180	HCVREC_TB12M	Num	8	30364: Serum Total Bili 12 month IU/L
181	HCVREC_TB18M	Num	8	30365: Serum Total Bili 18 month IU/L
182	HCVREC_TB1M	Num	8	30361: Serum Total Bili 1 month IU/L
183	HCVREC_TB1W	Num	8	30360: Serum Total Bili 1 week IU/L
184	HCVREC_TB24M	Num	8	30366: Serum Total Bili 24 month IU/L
185	HCVREC_TB30M	Num	8	30367: Serum Total Bili 30 month IU/L
186	HCVREC_TB3M	Num	8	30362: Serum Total Bili 3 month IU/L
187	HCVREC_TB6M	Num	8	30363: Serum Total Bili 6 month IU/L
188	HCVREC_TX	Char	1	30378: HCV Treatment
189	HCVREC_TXMETH	Char	1	30381: HCV Treatment Method
190	HCVREC_TXSTART	Num	8	30379: Start Date of HCV Treatment
191	HCVREC_TXSTOP	Num	8	30380: Stop Date of HCV Treatment
192	HCVTXP_HCVGENO	Char	2	30390: HCV genotype
193	HCVTXP_NEWTX	Char	1	30395: Was the patient INITIATED on anti-viral HCV treatment after enrollment?
194	HCVTXP_TXMETH	Char	1	30396: HCV Treatment Method
195	HCVTXP_TXSTART	Num	8	30397: Start Date of HCV Treatment
196	HCVTXP_TXSTOP	Num	8	30398: Stop Date of HCV Treatment
197	HVA_SITE_2	Char	3	46799: Describe the second living donor to recipient hepatic venous anastomosis site.
198	HVA_SITE_3	Char	3	46800: Describe the third living donor to recipient hepatic venous anastomosis site.
199	HVA_SITE_4	Char	3	46801: Describe the 4th living donor to recipient hepatic venous anastomosis site.
200	LD_RECIP_HVA_SITE_1	Char	3	44280: Describe the first living donor to recipient hepatic venous anastomosis site.
201	LTI_DELIST	Char	1	30327: Has the patient been removed from the waiting list since the date of listing?
202	LTI_DELISTREASON	Char	3	30328: If yes to de-listing, Reason for removal from list
203	LTI_LISTDATE	Num	8	30326: Date of Listing. If patient has had previous liver transplants, see MOO for further instructions.
204	LTI_ORAPPEAR	Char	1	30329: Was the patient brought to the operating room with the intention of receiving a liver transplant after the date of study enrollment?
205	LTI_REMOVALDATE	Num	8	42211: Date of removal from the waitlist
206	LTI_TXP	Char	1	30330: Did the patient receive a liver transplant after the date of study enrollment?
207	PORTAL_ANAS_SITE_1	Char	2	46802: Describe the first cadaveric donor to recipient portal vein anastomosis site.
208	PORTAL_ANAS_SITE_2	Char	2	46803: Describe the second cadaveric donor to recipient portal vein anastomosis site.
209	PORTAL_ANAS_SITE_3	Char	2	46804: Describe the third cadaveric donor to recipient portal vein anastomosis site.



Num	Variable	Type	Len	Label
210	PORTAL_ANAS_SITE_4	Char	2	46805: Describe the fourth cadaveric donor to recipient portal vein anastomosis site.
211	PORTAL_ANAS_SITE_5	Char	2	46806: Describe the fifth cadaveric donor to recipient portal vein anastomosis site.
212	RAACS_DEATH	Char	1	42811: Death
213	RAACS_ICUDAMIT	Char	1	42666: ICU Admission of 5 days or more?
214	RAACS_LONGSTAY	Char	1	42667: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
215	RAACS_ONSETDATE	Num	8	42830: Date of Onset
216	RAACS_PRBC	Num	8	42832: If yes to Blood Transfusion, Units of RBCs
217	RAACS_PROCEDURE	Char	1	42663: Interventions/Procedures
218	RAACS_PROCTYPE	Char	1	42664: If yes to Interventions/Procedures, Type of Intervention or Procedure
219	RAACS_RELIST	Char	1	42668: Re-Listing
220	RAACS_RELISTDATE	Num	8	42669: If Yes to Re-Listing, Date of Re-Listing
221	RAACS_RESIDISABLE	Char	1	42833: Residual Disability/Disease resulting from the complication
222	RAACS_RESOLVE	Char	1	42660: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
223	RAACS_RETXP	Char	1	42670: Re-Transplantation
224	RAACS_TRANSFUSE	Char	1	42665: Blood Transfusion
225	RAACS_TXMED	Char	1	42662: Medications Required for Treatment
226	RAACS_TXMEDTYPE	Char	1	42831: If yes to Medications Required for Treatment, Type of Medications
227	RAACS_WORSEN	Char	1	42661: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
228	RABCS_DEATH	Char	1	42825: Death
229	RABCS_ICUDAMIT	Char	1	42644: ICU Admission of 5 days or more?
230	RABCS_LONGSTAY	Char	1	42645: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
231	RABCS_ONSETDATE	Num	8	42821: Date of Onset
232	RABCS_PRBC	Num	8	42823: If yes to Blood Transfusion, Units of RBCs
233	RABCS_PROCEDURE	Char	1	42641: Interventions/Procedures
234	RABCS_PROCTYPE	Char	1	42642: If yes to Interventions/Procedures, Type of Intervention or Procedure
235	RABCS_RELIST	Char	1	42646: Re-Listing
236	RABCS_RELISTDATE	Num	8	42647: If Yes to Re-Listing, Date of Re-Listing
237	RABCS_RESIDISABLE	Char	1	42824: Residual Disability/Disease resulting from the complication
238	RABCS_RESOLVE	Char	1	42638: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
239	RABCS_RETXP	Char	1	42648: Re-Transplantation
240	RABCS_TRANSFUSE	Char	1	42643: Blood Transfusion
241	RABCS_TXMED	Char	1	42640: Medications Required for Treatment

Num	Variable	Type	Len	Label
242	RABCS_TXMEDTYPE	Char	1	42822: If yes to Medications Required for Treatment, Type of Medications
243	RABCS_WORSEN	Char	1	42639: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
244	RASCCS_DEATH	Char	1	42726: Death
245	RASCCS_ICUDAMIT	Char	1	42722: ICU Admission of 5 days or more?
246	RASCCS_LONGSTAY	Char	1	42852: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
247	RASCCS_ONSETDATE	Num	8	42715: Date of Onset
248	RASCCS_PRBC	Num	8	42721: If yes to Blood Transfusion, Units of RBCs
249	RASCCS_PROCEDURE	Char	1	42719: Interventions/Procedures
250	RASCCS_PROCTYPE	Char	1	42720: If yes to Interventions/Procedures, Type of Intervention or Procedure
251	RASCCS_RELIST	Char	1	42724: Re-Listing
252	RASCCS_RELISTDATE	Num	8	42725: If Yes to Re-Listing, Date of Re-Listing
253	RASCCS_RESIDISABLE	Char	1	42723: Residual Disability/Disease resulting from the complication
254	RASCCS_RESOLVE	Char	2	42850: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
255	RASCCS_RETXP	Char	1	42853: Re-Transplantation
256	RASCCS_TRANSFUSE	Char	1	42851: Blood Transfusion
257	RASCCS_TXMED	Char	1	42717: Medications Required for Treatment
258	RASCCS_TXMEDTYPE	Char	1	42718: If yes to Medications Required for Treatment, Type of Medications
259	RASCCS_WORSEN	Char	1	42716: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
260	RBLCS_DEATH	Char	1	42626: Death
261	RBLCS_ICUDAMIT	Char	1	42622: ICU Admission of 5 days or more?
262	RBLCS_LONGSTAY	Char	1	42815: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
263	RBLCS_ONSETDATE	Num	8	42615: Date of Onset
264	RBLCS_PRBC	Num	8	42621: If yes to Blood Transfusion, Units of RBCs
265	RBLCS_PROCEDURE	Char	1	42619: Interventions/Procedures
266	RBLCS_PROCTYPE	Char	1	42620: If yes to Interventions/Procedures, Type of Intervention or Procedure
267	RBLCS_RELIST	Char	1	42624: Re-Listing
268	RBLCS_RELISTDATE	Num	8	42625: If Yes to Re-Listing, Date of Re-Listing
269	RBLCS_RESIDISABLE	Char	1	42623: Residual Disability/Disease resulting from the complication
270	RBLCS_RESOLVE	Char	1	42813: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
271	RBLCS_RETXP	Char	1	42816: Re-Transplantation
272	RBLCS_TRANSFUSE	Char	1	42814: Blood Transfusion
273	RBLCS_TXMED	Char	1	42617: Medications Required for Treatment

Num	Variable	Type	Len	Label
274	RBLCS_TXMEDTYPE	Char	1	42618: If yes to Medications Required for Treatment, Type of Medications
275	RBLCS_WORSEN	Char	1	42616: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
276	RBOCS_DEATH	Char	1	42692: Death
277	RBOCS_ICUDAMIT	Char	1	42688: ICU Admission of 5 days or more?
278	RBOCS_LONGSTAY	Char	1	42840: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
279	RBOCS_ONSETDATE	Num	8	42681: Date of Onset
280	RBOCS_PROCEDURE	Char	1	42685: Interventions/Procedures
281	RBOCS_PROCTYPE	Char	1	42839: If yes to Interventions/Procedures, Type of Intervention or Procedure
282	RBOCS_RELIST	Char	1	42690: Re-Listing
283	RBOCS_RESIDISABLE	Char	1	42689: Residual Disability/Disease resulting from the complication
284	RBOCS_RESOLVE	Char	1	42838: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
285	RBOCS_RETXP	Char	1	42841: Re-Transplantation
286	RBOCS_TRANSFUSE	Char	1	42686: Blood Transfusion
287	RBOCS_TXMED	Char	1	42683: Medications Required for Treatment
288	RBOCS_TXMEDTYPE	Char	1	42684: If yes to Medications Required for Treatment, Type of Medications
289	RBOCS_WORSEN	Char	1	42682: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
290	RBSCS_DEATH	Char	1	42637: Death
291	RBSCS_ICUDAMIT	Char	1	42633: ICU Admission of 5 days or more?
292	RBSCS_LONGSTAY	Char	1	42819: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
293	RBSCS_ONSETDATE	Num	8	42627: Date of Onset
294	RBSCS_PRBC	Num	8	42632: If yes to Blood Transfusion, Units of RBCs
295	RBSCS_PROCEDURE	Char	1	42630: Interventions/Procedures
296	RBSCS_PROCTYPE	Char	1	42631: If yes to Interventions/Procedures, Type of Intervention or Procedure
297	RBSCS_RELIST	Char	1	42635: Re-Listing
298	RBSCS_RELISTDATE	Num	8	42636: If Yes to Re-Listing, Date of Re-Listing
299	RBSCS_RESIDISABLE	Char	1	42634: Residual Disability/Disease resulting from the complication
300	RBSCS_RESOLVE	Char	1	42817: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
301	RBSCS_RETXP	Char	1	42820: Re-Transplantation
302	RBSCS_TRANSFUSE	Char	1	42818: Blood Transfusion
303	RBSCS_TXMED	Char	1	42629: Medications Required for Treatment
304	RBSCS_TXMEDTYPE	Char	1	42883: If yes to Medications Required for Treatment, Type of Medications
305	RBSCS_WORSEN	Char	1	42628: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)

Num	Variable	Type	Len	Label
306	RCE_CHOLE	Char	1	31341: Upper abdominal surgery, Cholecystectomy
307	RCE_GIRESECT	Char	1	31342: Upper abdominal surgery, Gastric Resection
308	RCE_SBRESECT	Char	1	31343: Upper abdominal surgery, Small Bowel Resection
309	RCL_ASCITES	Char	3	42901: Recipient ascites
310	RCL_CHOLE	Char	1	42902: Upper abdominal surgery, Cholecystectomy
311	RCL_EMPLOYSTAT	Char	3	31340: Recipient employment at time of listing. WORKING indicates employment outside the home or attending school. NOT WORKING indicates unemployment and not attending school.
312	RCL_GIRESECT	Char	1	42903: Upper abdominal surgery, Gastric Resection
313	RCL_MEDCOND	Char	1	27747: Recipient medical condition at listing
314	RCL_OTHERABDSURG	Char	74	42905: Upper Abdominal Surgery, Other (specify)
315	RCL_PREV_TXP	Char	1	27746: Recipient previous liver transplants
316	RCL_SBRESECT	Char	1	42904: Upper abdominal surgery, Small Bowel Resection
317	RCP_PRIM_OTHR_COD	Char	74	52033: If Other, Specify:
318	RCP_SEC_OTR_COD	Char	31	52034: If Other, Specify:
319	RCP_STAT_BLI MM	Char	1	50667: Recipient Baseline and Immunosuppression Information
320	RCP_STAT_CAL	Char	1	50653: Condition at Listing
321	RCP_STAT_COMP_SEV	Char	1	50665: Associated Complication Severity Forms
322	RCP_STAT_CON_TXP	Char	1	50660: Recipient Condition at Transplant
323	RCP_STAT_DEMO	Char	1	50651: Recipient Demographics
324	RCP_STAT_DONE	Char	1	50690: <b> Data entry for this subject is complete. </b>
325	RCP_STAT_GFO	Char	1	50666: Graft Outcomes
326	RCP_STAT_HCC	Char	1	50657: HCC Data at Listing
327	RCP_STAT_HCCE	Char	1	50658: HCC Data at Enrollment
328	RCP_STAT_HCC_TXP	Char	1	50662: HCC Data at Transplant
329	RCP_STAT_HCVE	Char	1	50659: HCV Data at Enrollment
330	RCP_STAT_HCV_TXP	Char	1	50663: HCV Data at Transplant
331	RCP_STAT_HOSP	Char	1	50655: Recipient Hospitalization(s) one form for each episode
332	RCP_STAT_INTRAOP	Char	1	50661: RCP Intraoperative Data
333	RCP_STAT_LT	Char	1	50652: Listing and Transplant
334	RCP_STAT_MORBID	Char	1	50664: Recipient Morbidity
335	RCP_STAT_RCE	Char	1	50654: Recipient Condition at Enrollment
336	RCP_STAT_REC REJ	Char	1	50668: Recurrent Rejection Episodes
337	RCP_STAT_SURV	Char	1	50656: Recipient Survival
338	RCP_TERT_OTHR_COD	Char	24	52035: If Other, Specify:
339	RCRCS_DEATH	Char	1	31278: Death
340	RCRCS_ICUDAMIT	Char	1	31272: ICU Admission of 5 days or more?
341	RCRCS_LONGSTAY	Char	1	31273: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total

Num	Variable	Type	Len	Label
342	RCRCS_ONSETDATE	Num	8	31263: Date of Onset
343	RCRCS_PRBC	Num	8	31271: If yes to Blood Transfusion, Units of RBCs
344	RCRCS_PROCEDURE	Char	1	31268: Interventions/Procedures
345	RCRCS_PROCTYPE	Char	1	31269: If yes to Interventions/Procedures, Type of Intervention or Procedure
346	RCRCS_RELIST	Char	1	31275: Re-Listing
347	RCRCS_RELISTDATE	Num	8	31276: If Yes to Re-Listing, Date of Re-Listing
348	RCRCS_RESIDISABLE	Char	1	31274: Residual Disability/Disease resulting from the complication
349	RCRCS_RESOLVE	Char	2	31264: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
350	RCRCS_RETXP	Char	1	31277: Re-Transplantation
351	RCRCS_TRANSFUSE	Char	1	31270: Blood Transfusion
352	RCRCS_TXMED	Char	1	31266: Medications Required for Treatment
353	RCRCS_TXMEDTYPE	Char	1	31267: If yes to Medications Required for Treatment, Type of Medications
354	RCRCS_WORSEN	Char	1	31265: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
355	RCT_ALB	Num	8	27922: Recipient total serum albumin
356	RCT_ALT	Num	8	30392: Serum Alanine Aminotransferase (ALT, SGPT)) closest to transplant
357	RCT_AP	Num	8	30393: Serum Alkaline Phosphate (ALK PHOS) closest to transplant
358	RCT_ASCITES	Char	3	27764: Recipient ascites
359	RCT_AST	Num	8	30391: Serum Aspartate Transaminase (AST, SGOT) closest to transplant
360	RCT_CAD	Char	3	27919: Recipient angina/coronary artery disease prior to transplant
361	RCT_CHOLE	Char	1	42914: Upper abdominal surgery, Cholecystectomy
362	RCT_DIALYZE	Char	1	27918: Recipient dialysis at transplant
363	RCT_DM	Char	3	27916: Recipient diabetes mellitus at transplant
364	RCT_DMTX	Char	1	27917: (If insulin-dependent, non-insulin dependent, or Yes, type unknown) answered on previous question)Diabetes Treatment
365	RCT_DXCHANGE	Char	1	42910: Recipient diagnoses changed between enrollment and transplant
366	RCT_EMPLOY	Char	3	27751: Recipient employment status immediately prior to transplant. WORKING indicates that patient is employed or attending school. NOT WORKING indicates patient is unemployed and not attending school.
367	RCT_ENCEPH	Char	3	27911: Recipient grade III or IV encephalopathy at transplant
368	RCT_FXNSTAT	Char	3	27903: Recipient functional status immediately at transplant
369	RCT_GIRESECT	Char	1	42915: Upper abdominal surgery, Gastric Resection
370	RCT_HCC	Char	1	27909: Recipient hepatocellular carcinoma diagnosis at the time of transplant
371	RCT_HCV	Char	1	27910: Recipient Hepatitis C diagnosis at the time of transplant
372	RCT_HTN	Char	3	27920: Recipient drug treated systemic hypertension at transplant
373	RCT_INR	Num	8	27924: Recipient INR
374	RCT_MEDCOND	Char	1	27900: Recipient medical condition immediately prior to transplant

Num	Variable	Type	Len	Label
375	RCT_PRDXCHANGE	Char	4	42911: Recipient primary diagnosis at transplant (only if changed)
376	RCT_PRIMDX	Char	79	27906: Recipient primary diagnosis at listing
377	RCT_RNA	Char	3	30388: HCV RNA last available test prior to transplant
378	RCT_RNADATE	Num	8	30389: Date of HCV RNA
379	RCT_SBP	Char	3	27914: Recipient spontaneous bacterial peritonitis at the time of transplant
380	RCT_SBRESECT	Char	1	42916: Upper abdominal surgery, Small Bowel Resection
381	RCT_SCR	Num	8	27921: Recipient serum creatinine at transplant
382	RCT_SECDX	Char	67	27907: Recipient secondary diagnosis at listing
383	RCT_SEDXCHANGE	Char	4	42912: Recipient secondary diagnosis at transplant (only if changed)
384	RCT_TBILI	Num	8	27923: Recipient total serum bilirubin
385	RCT_TEDXCHANGE	Char	4	42913: Recipient tertiary diagnosis at transplant (only if changed)
386	RCT_TERTDX	Char	23	27908: Recipient tertiary diagnosis at listing
387	RCT_TIPHX	Char	3	27915: Recipient history of TIPSS at the time of transplant
388	RCT_TYPEUPABDSURG	Char	48	27766: Upper Abdominal Surgery, Other
389	RCT_UPABDSURG	Char	3	27913: Recipient previous upper abdominal surgery prior to transplant
390	RCT_VARICES	Char	3	27912: Recipient uncontrollable variceal bleeding at transplant
391	RCT_VENT	Char	1	27902: Recipient on ventilator immediately prior to transplant
392	RCT_WEIGHT	Num	8	27904: Recipient weight immediately prior to transplant in kg
393	RDVTCS_DEATH	Char	1	42781: Death
394	RDVTCS_ICUDAMIT	Char	1	42892: ICU Admission of 5 days or more?
395	RDVTCS_LONGSTAY	Char	1	42873: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
396	RDVTCS_ONSETDATE	Num	8	42771: Date of Onset
397	RDVTCS_PRBC	Num	8	42777: If yes to Blood Transfusion, Units of RBCs
398	RDVTCS_PROCEDURE	Char	1	42775: Interventions/Procedures
399	RDVTCS_PROCTYPE	Char	1	42872: If yes to Interventions/Procedures, Type of Intervention or Procedure
400	RDVTCS_RELIST	Char	1	42779: Re-Listing
401	RDVTCS_RELISTDATE	Num	8	42780: If Yes to Re-Listing, Date of Re-Listing
402	RDVTCS_RESIDISABLE	Char	1	42778: Residual Disability/Disease resulting from the complication
403	RDVTCS_RESOLVE	Char	1	42871: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
404	RDVTCS_RETXP	Char	1	42874: Re-Transplantation
405	RDVTCS_TRANSFUSE	Char	1	42776: Blood Transfusion
406	RDVTCS_TXMED	Char	1	42773: Medications Required for Treatment
407	RDVTCS_TXMEDTYPE	Char	1	42774: If yes to Medications Required for Treatment, Type of Medications
408	RDVTCS_WORSEN	Char	1	42772: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
409	RECIPIENT_ABO	Char	1	27744: Recipient ABO blood type

Num	Variable	Type	Len	Label
410	RECIPIENT_EDUCATION	Char	3	27745: Recipient highest education level at enrollment
411	RECIPIENT_ETHNICITY	Char	1	27742: Recipient ethnicity
412	RECIPIENT_RACE	Char	3	27743: Recipient race
413	RECIP_ALB_ENROLL	Num	8	27877: Recipient total serum albumin closest to enrollment
414	RECIP_ALB_LIST	Num	8	27775: Recipient total serum albumin
415	RECIP_ASCITES_ENROLL	Char	3	27866: Recipient ascites prior to enrollment
416	RECIP_CAD_ENROLL	Char	3	27874: Recipient angina/coronary artery disease prior to enrollment
417	RECIP_CAD_LIST	Char	3	27772: Recipient angina/coronary artery disease prior to listing
418	RECIP_CAUSE_DEATH	Char	4	27890: If dead, primary cause of death
419	RECIP_COND_ENROLL	Char	1	27848: Recipient medical condition at enrollment
420	RECIP_DATE_DIED	Num	8	27889: If dead, date of death
421	RECIP_DATE_LASTFU	Num	8	27888: Date of last patient follow-up (may be same as date of death)
422	RECIP_DIALYSIS_LIST	Char	3	27771: Recipient dialysis prior to listing
423	RECIP_DIALY_ENROLL	Char	1	27873: Recipient dialysis at enrollment
424	RECIP_DMTX_ENROLL	Char	1	27872: If insulin-dependent, non-insulin dependent, or Yes, (type unknown) answered on previous question, Diabetes Treatment
425	RECIP_DMTX_LIST	Char	1	27770: (If insulin-dependent, non-insulin dependent, or Yes, type unknown) answered on previous question)Diabetes Treatment
426	RECIP_DM_ENROLL	Char	3	27871: Recipient diabetes mellitus at enrollment
427	RECIP_DM_LIST	Char	3	27769: Recipient diabetes mellitus prior to listing
428	RECIP_DXCHANGE_ENROLL	Char	1	27858: Recipient diagnosis change between listing and enrollment?
429	RECIP_EMPLOY_ENROLL	Char	3	27852: Recipient employment status at enrollment
430	RECIP_ENCEPH_ENROLL	Char	3	27864: Recipient encephalopathy prior to enrollment
431	RECIP_ENCEPH_LIST	Char	3	27762: Recipient encephalopathy at the time of listing
432	RECIP_ENROLL_HCC_TRIGGER	Char	1	46738: Did you answer "yes" to HCC present? If so, you must fill out the "HCC Data at Enrollment" form.
433	RECIP_FXNSTAT_LIST	Char	3	27750: Recipient functional status at listing
434	RECIP_FXN_ENROLL	Char	3	27851: Recipient functional status at enrollment (at time of potential donor H & P)
435	RECIP_HCC_ENROLL	Char	1	27862: Recipient hepatocellular carcinoma diagnosis at the time of enrollment
436	RECIP_HCC_LIST	Char	1	27760: Recipient hepatocellular carcinoma diagnosis at the time of listing
437	RECIP_HCC_OUTCOMES_TRIGGER	Char	1	46744: Did the patient have HCC AND receive a liver transplant? If so, then you must fill out the "HCC Explant Assessment" form and the "HCC Post-op Recurrence and Treatment" form.
438	RECIP_HCC_TXP_TRIGGER	Char	1	46741: Did the patient have HCC AND go to the OR with the intent to receive a liver transplant? If yes, then you must fill out the "HCC Data Immediately Prior to Transplant" form.
439	RECIP_HCV_ENROLL	Char	1	27863: Recipient hepatitis C diagnosis at the time of enrollment
440	RECIP_HCV_ENROLL_TRIGGER	Char	1	46739: Did you answer "yes" to HCV present? If so, you must fill out the "HCV Data at Enrollment" form.
441	RECIP_HCV_LIST	Char	1	27761: Recipient Hepatitis C diagnosis at the time of listing

Num	Variable	Type	Len	Label
442	RECIP_HCV_OUTCOMES_TRIGGER	Char	1	46745: Did the patient have HCV AND receive a liver transplant? If so, fill out the "HCV Post-op Recurrence and Treatment" form.
443	RECIP_HCV_TXP_TRIGGER	Char	1	46742: Did the patient have HCV AND go to the OR with the intent to receive a liver transplant? If yes, complete the "HCV Data at Transplant" form.
444	RECIP_HEIGHT_LIST	Num	8	27753: Recipient height in cm
445	RECIP_HOSP_ADMIT	Num	8	27880: Date of Admission
446	RECIP_HOSP_ADMIT_11	Num	8	51060: Date of Admission
447	RECIP_HOSP_ADMIT_12	Num	8	51067: Date of Admission
448	RECIP_HOSP_ADMIT_13	Num	8	51074: Date of Admission
449	RECIP_HOSP_ADMIT_14	Num	8	51081: Date of Admission
450	RECIP_HOSP_ADMIT_15	Num	8	51088: Date of Admission
451	RECIP_HOSP_ADMIT_16	Num	8	51095: Date of Admission
452	RECIP_HOSP_ADMIT_17	Num	8	51102: Date of Admission
453	RECIP_HOSP_ADMIT_18	Num	8	51109: Date of Admission
454	RECIP_HOSP_ADMIT_19	Num	8	51116: Date of Admission
455	RECIP_HOSP_ADMIT_20	Num	8	51123: Date of Admission
456	RECIP_HOSP_ADMIT_21	Num	8	52333: Date of Admission
457	RECIP_HOSP_ADMIT_22	Num	8	52340: Date of Admission
458	RECIP_HOSP_ADMIT_23	Num	8	52347: Date of Admission
459	RECIP_HOSP_ADMIT_24	Num	8	52354: Date of Admission
460	RECIP_HOSP_ADMIT_6	Num	8	49568: Date of Admission
461	RECIP_HOSP_ADMIT_2	Num	8	49541: Date of Admission
462	RECIP_HOSP_ADMIT_3	Num	8	49547: Date of Admission
463	RECIP_HOSP_ADMIT_4	Num	8	49554: Date of Admission
464	RECIP_HOSP_ADMIT_5	Num	8	49561: Date of Admission
465	RECIP_HOSP_ADMIT_7	Num	8	49575: Date of Admission
466	RECIP_HOSP_ADMIT_9	Num	8	49589: Date of Admission
467	RECIP_HOSP_ADMIT_10	Num	8	49596: Date of Admission
468	RECIP_HOSP_ADMIT_8	Num	8	49582: Date of Admission
469	RECIP_HOSP_DC	Num	8	27881: Date of Discharge
470	RECIP_HOSP_DC_11	Num	8	51061: Date of Discharge
471	RECIP_HOSP_DC_12	Num	8	51068: Date of Discharge
472	RECIP_HOSP_DC_13	Num	8	51075: Date of Discharge
473	RECIP_HOSP_DC_14	Num	8	51082: Date of Discharge
474	RECIP_HOSP_DC_15	Num	8	51089: Date of Discharge
475	RECIP_HOSP_DC_16	Num	8	51096: Date of Discharge
476	RECIP_HOSP_DC_17	Num	8	51103: Date of Discharge
477	RECIP_HOSP_DC_18	Num	8	51110: Date of Discharge
478	RECIP_HOSP_DC_19	Num	8	51117: Date of Discharge



Num	Variable	Type	Len	Label
479	RECIP_HOSP_DC_20	Num	8	51124: Date of Discharge
480	RECIP_HOSP_DC_21	Num	8	52334: Date of Discharge
481	RECIP_HOSP_DC_22	Num	8	52341: Date of Discharge
482	RECIP_HOSP_DC_23	Num	8	52348: Date of Discharge
483	RECIP_HOSP_DC_24	Num	8	52355: Date of Discharge
484	RECIP_HOSP_DCDEST	Char	1	27882: Discharge Destination
485	RECIP_HOSP_DCDEST_11	Char	1	51062: Discharge Destination
486	RECIP_HOSP_DCDEST_12	Char	1	51069: Discharge Destination
487	RECIP_HOSP_DCDEST_13	Char	1	51076: Discharge Destination
488	RECIP_HOSP_DCDEST_14	Char	1	51083: Discharge Destination
489	RECIP_HOSP_DCDEST_15	Char	1	51090: Discharge Destination
490	RECIP_HOSP_DCDEST_16	Char	1	51097: Discharge Destination
491	RECIP_HOSP_DCDEST_17	Char	1	51104: Discharge Destination
492	RECIP_HOSP_DCDEST_18	Char	1	51111: Discharge Destination
493	RECIP_HOSP_DCDEST_19	Char	1	51118: Discharge Destination
494	RECIP_HOSP_DCDEST_20	Char	1	51125: Discharge Destination
495	RECIP_HOSP_DCDEST_21	Char	1	52335: Discharge Destination
496	RECIP_HOSP_DCDEST_22	Char	1	52342: Discharge Destination
497	RECIP_HOSP_DCDEST_23	Char	1	52349: Discharge Destination
498	RECIP_HOSP_DCDEST_24	Char	1	52356: Discharge Destination
499	RECIP_HOSP_DCDEST_3	Char	1	49549: Discharge Destination
500	RECIP_HOSP_DCDEST_2	Char	1	49542: Discharge Destination
501	RECIP_HOSP_DCDEST_10	Char	1	49598: Discharge Destination
502	RECIP_HOSP_DCDEST_9	Char	1	49591: Discharge Destination
503	RECIP_HOSP_DCDEST_8	Char	1	49584: Discharge Destination
504	RECIP_HOSP_DCDEST_7	Char	1	49577: Discharge Destination
505	RECIP_HOSP_DCDEST_5	Char	1	49563: Discharge Destination
506	RECIP_HOSP_DCDEST_6	Char	1	49570: Discharge Destination
507	RECIP_HOSP_DCDEST_4	Char	1	49556: Discharge Destination
508	RECIP_HOSP_DCDX	Char	299	27886: Discharge Diagnosis
509	RECIP_HOSP_DCDX_11	Char	78	51066: Discharge Diagnosis
510	RECIP_HOSP_DCDX_12	Char	103	51073: Discharge Diagnosis
511	RECIP_HOSP_DCDX_13	Char	72	51080: Discharge Diagnosis
512	RECIP_HOSP_DCDX_14	Char	49	51087: Discharge Diagnosis
513	RECIP_HOSP_DCDX_15	Char	69	51094: Discharge Diagnosis
514	RECIP_HOSP_DCDX_16	Char	70	51101: Discharge Diagnosis
515	RECIP_HOSP_DCDX_17	Char	90	51108: Discharge Diagnosis
516	RECIP_HOSP_DCDX_18	Char	98	51115: Discharge Diagnosis
517	RECIP_HOSP_DCDX_19	Char	106	51122: Discharge Diagnosis

Num	Variable	Type	Len	Label
518	RECIP_HOSP_DCDX_20	Char	56	51129: Discharge Diagnosis
519	RECIP_HOSP_DCDX_21	Char	26	52339: Discharge Diagnosis
520	RECIP_HOSP_DCDX_22	Char	22	52346: Discharge Diagnosis
521	RECIP_HOSP_DCDX_23	Char	21	52353: Discharge Diagnosis
522	RECIP_HOSP_DCDX_24	Char	32	52360: Discharge Diagnosis
523	RECIP_HOSP_DCDX_3	Char	151	49553: Discharge Diagnosis
524	RECIP_HOSP_DCDX_2	Char	154	49546: Discharge Diagnosis
525	RECIP_HOSP_DCDX_10	Char	117	49602: Discharge Diagnosis
526	RECIP_HOSP_DCDX_9	Char	93	49595: Discharge Diagnosis
527	RECIP_HOSP_DCDX_8	Char	134	49588: Discharge Diagnosis
528	RECIP_HOSP_DCDX_7	Char	152	49581: Discharge Diagnosis
529	RECIP_HOSP_DCDX_6	Char	293	49574: Discharge Diagnosis
530	RECIP_HOSP_DCDX_5	Char	129	49567: Discharge Diagnosis
531	RECIP_HOSP_DCDX_4	Char	164	49560: Discharge Diagnosis
532	RECIP_HOSP_DC_3	Num	8	49548: Date of Discharge
533	RECIP_HOSP_DC_2	Num	8	49540: Date of Discharge
534	RECIP_HOSP_DC_4	Num	8	49555: Date of Discharge
535	RECIP_HOSP_DC_6	Num	8	49569: Date of Discharge
536	RECIP_HOSP_DC_10	Num	8	49597: Date of Discharge
537	RECIP_HOSP_DC_9	Num	8	49590: Date of Discharge
538	RECIP_HOSP_DC_8	Num	8	49583: Date of Discharge
539	RECIP_HOSP_DC_7	Num	8	49576: Date of Discharge
540	RECIP_HOSP_DC_5	Num	8	49562: Date of Discharge
541	RECIP_HOSP_ICUDAY	Num	8	27883: Number of ICU days
542	RECIP_HOSP_ICUDAY_11	Num	8	51063: Number of ICU days
543	RECIP_HOSP_ICUDAY_12	Num	8	51070: Number of ICU days
544	RECIP_HOSP_ICUDAY_13	Num	8	51077: Number of ICU days
545	RECIP_HOSP_ICUDAY_14	Num	8	51084: Number of ICU days
546	RECIP_HOSP_ICUDAY_15	Num	8	51091: Number of ICU days
547	RECIP_HOSP_ICUDAY_16	Num	8	51098: Number of ICU days
548	RECIP_HOSP_ICUDAY_17	Num	8	51105: Number of ICU days
549	RECIP_HOSP_ICUDAY_18	Num	8	51112: Number of ICU days
550	RECIP_HOSP_ICUDAY_19	Num	8	51119: Number of ICU days
551	RECIP_HOSP_ICUDAY_20	Num	8	51126: Number of ICU days
552	RECIP_HOSP_ICUDAY_21	Num	8	52336: Number of ICU days
553	RECIP_HOSP_ICUDAY_22	Num	8	52343: Number of ICU days
554	RECIP_HOSP_ICUDAY_23	Num	8	52350: Number of ICU days
555	RECIP_HOSP_ICUDAY_24	Num	8	52357: Number of ICU days
556	RECIP_HOSP_ICUDAY_3	Num	8	49550: Number of ICU days

Num	Variable	Type	Len	Label
557	RECIP_HOSP_ICUDAY_2	Num	8	49543: Number of ICU days
558	RECIP_HOSP_ICUDAY_10	Num	8	49599: Number of ICU days
559	RECIP_HOSP_ICUDAY_9	Num	8	49592: Number of ICU days
560	RECIP_HOSP_ICUDAY_8	Num	8	49585: Number of ICU days
561	RECIP_HOSP_ICUDAY_7	Num	8	49578: Number of ICU days
562	RECIP_HOSP_ICUDAY_6	Num	8	49571: Number of ICU days
563	RECIP_HOSP_ICUDAY_5	Num	8	49564: Number of ICU days
564	RECIP_HOSP_ICUDAY_4	Num	8	49557: Number of ICU days
565	RECIP_HOSP_REASON	Char	2	27885: Reason for hospital admission
566	RECIP_HOSP_REASON_11	Char	2	51065: Reason for hospital admission
567	RECIP_HOSP_REASON_12	Char	2	51072: Reason for hospital admission
568	RECIP_HOSP_REASON_13	Char	2	51079: Reason for hospital admission
569	RECIP_HOSP_REASON_14	Char	2	51086: Reason for hospital admission
570	RECIP_HOSP_REASON_15	Char	2	51093: Reason for hospital admission
571	RECIP_HOSP_REASON_16	Char	2	51100: Reason for hospital admission
572	RECIP_HOSP_REASON_17	Char	2	51107: Reason for hospital admission
573	RECIP_HOSP_REASON_18	Char	2	51114: Reason for hospital admission
574	RECIP_HOSP_REASON_19	Char	2	51121: Reason for hospital admission
575	RECIP_HOSP_REASON_20	Char	2	51128: Reason for hospital admission
576	RECIP_HOSP_REASON_21	Char	2	52338: Reason for hospital admission
577	RECIP_HOSP_REASON_22	Char	2	52345: Reason for hospital admission
578	RECIP_HOSP_REASON_23	Char	2	52352: Reason for hospital admission
579	RECIP_HOSP_REASON_24	Char	2	52359: Reason for hospital admission
580	RECIP_HOSP_REASON_3	Char	2	49552: Reason for hospital admission
581	RECIP_HOSP_REASON_2	Char	2	49545: Reason for hospital admission
582	RECIP_HOSP_REASON_10	Char	2	49601: Reason for hospital admission
583	RECIP_HOSP_REASON_9	Char	2	49594: Reason for hospital admission
584	RECIP_HOSP_REASON_8	Char	2	49587: Reason for hospital admission
585	RECIP_HOSP_REASON_7	Char	2	49580: Reason for hospital admission
586	RECIP_HOSP_REASON_6	Char	2	49573: Reason for hospital admission
587	RECIP_HOSP_REASON_5	Char	2	49566: Reason for hospital admission
588	RECIP_HOSP_REASON_4	Char	2	49559: Reason for hospital admission
589	RECIP_HOSP_TYPE	Char	1	27884: Type of hospital
590	RECIP_HOSP_TYPE_11	Char	1	51064: Type of hospital
591	RECIP_HOSP_TYPE_12	Char	1	51071: Type of hospital
592	RECIP_HOSP_TYPE_13	Char	1	51078: Type of hospital
593	RECIP_HOSP_TYPE_14	Char	1	51085: Type of hospital
594	RECIP_HOSP_TYPE_15	Char	1	51092: Type of hospital
595	RECIP_HOSP_TYPE_16	Char	1	51099: Type of hospital

Num	Variable	Type	Len	Label
596	RECIP_HOSP_TYPE_17	Char	1	51106: Type of hospital
597	RECIP_HOSP_TYPE_18	Char	1	51113: Type of hospital
598	RECIP_HOSP_TYPE_19	Char	1	51120: Type of hospital
599	RECIP_HOSP_TYPE_20	Char	1	51127: Type of hospital
600	RECIP_HOSP_TYPE_21	Char	1	52337: Type of hospital
601	RECIP_HOSP_TYPE_22	Char	1	52344: Type of hospital
602	RECIP_HOSP_TYPE_23	Char	1	52351: Type of hospital
603	RECIP_HOSP_TYPE_24	Char	1	52358: Type of hospital
604	RECIP_HOSP_TYPE_3	Char	1	49551: Type of hospital
605	RECIP_HOSP_TYPE_2	Char	1	49544: Type of hospital
606	RECIP_HOSP_TYPE_10	Char	1	49600: Type of hospital
607	RECIP_HOSP_TYPE_9	Char	1	49593: Type of hospital
608	RECIP_HOSP_TYPE_8	Char	1	49586: Type of hospital
609	RECIP_HOSP_TYPE_7	Char	1	49579: Type of hospital
610	RECIP_HOSP_TYPE_6	Char	1	49572: Type of hospital
611	RECIP_HOSP_TYPE_5	Char	1	49565: Type of hospital
612	RECIP_HOSP_TYPE_4	Char	1	49558: Type of hospital
613	RECIP_HTN_ENROLL	Char	3	27875: Recipient drug treated systemic hypertension at enrollment
614	RECIP_INR_ENROLL	Num	8	27879: Recipient INR closest to enrollment
615	RECIP_INR_LIST	Num	8	27777: Recipient INR
616	RECIP_INTRAOP_TRIGGER	Char	1	46740: If the patient went to the OR with the intention of receiving a liver, then you must fill out the "Recipient Intraoperative Data" and the "Recipient Condition at Transplant" forms.
617	RECIP_LISTING_HCC_TRIGGER	Char	1	46737: Did you answer "yes" to HCC present? If so, you must fill out the "HCC Data at Listing" form.
618	RECIP_NEWPRIMDX_ENROLL	Char	4	27859: Recipient primary diagnosis at enrollment (only if changed)
619	RECIP_NEWSECONDX_ENROLL	Char	4	27860: Recipient secondary diagnosis at enrollment (only if changed)
620	RECIP_NEWTERTDX_ENROLL	Char	4	27861: Recipient tertiary diagnosis at enrollment (only if changed)
621	RECIP_OUTCOMES_TRIGGER	Char	1	46743: Did the patient receive a liver transplant? If so, then you must fill out the following forms: "Recipient Morbidity", "Graft Outcomes", and "Basic Immunosuppression and Rejection Information".
622	RECIP_PAT_STATUS	Char	1	27887: Last known patient status
623	RECIP_PREVABDSURG_ENROLL	Char	3	27867: Recipient previous upper abdominal surgery prior to enrollment
624	RECIP_PRIMDX_ENROLL	Char	79	27855: Recipient primary diagnosis at listing
625	RECIP_PRIMDX_LIST	Char	4	27757: Recipient primary diagnosis at listing
626	RECIP_SBP_ENROLL	Char	3	27869: Recipient spontaneous bacterial peritonitis prior to enrollment
627	RECIP_SBP_LIST	Char	3	27767: Recipient spontaneous bacterial peritonitis prior to listing
628	RECIP_SCR_ENROLL	Num	8	27876: Recipient serum creatinine closest to enrollment
629	RECIP_SCR_LIST	Num	8	27774: Recipient serum creatinine at listing
630	RECIP_SECDX_ENROLL	Char	66	27856: Recipient secondary diagnosis at listing

Num	Variable	Type	Len	Label
631	RECIP_SECDX_LIST	Char	4	27758: Recipient secondary diagnosis at listing
632	RECIP_SECONDCAUSE_DEATH	Char	4	27891: If dead, secondary cause of death
633	RECIP_TBILI_ENROLL	Num	8	27878: Recipient total bilirubin closest to enrollment
634	RECIP_TERTCAUSE_DEATH	Char	4	27892: If dead, tertiary cause of death
635	RECIP_TERTDX_ENROLL	Char	30	27857: Recipient tertiary diagnosis at listing
636	RECIP_TERTDX_LIST	Char	4	27759: Recipient tertiary diagnosis at listing
637	RECIP_TIPHX_LIST	Char	3	27768: Recipient history of TIPSS prior to listing
638	RECIP_TIPS_ENROLL	Char	3	27870: Recipient history of TIPSS prior to enrollment
639	RECIP_TOTALBILI_LIST	Num	8	27776: Recipient total serum bilirubin
640	RECIP_TYPEABDSURG_ENROLL	Char	70	27868: Upper Abdominal Surgery, Other (specify)
641	RECIP_UPABDSURG_LIST	Char	3	27765: Recipient previous upper abdominal surgery prior to listing
642	RECIP_VARIBLEEED_ENROLL	Char	3	27865: Recipient variceal bleeding prior to enrollment
643	RECIP_VARICBLEED_LIST	Char	3	27763: Recipient variceal bleeding within 2 weeks prior to listing
644	RECIP_VENT_ENROLL	Char	1	27850: Recipient on ventilator at enrollment?
645	RECIP_VENT_LIST	Char	1	27749: Recipient on ventilator at listing
646	RECIP_WT_ENROLL	Num	8	27853: Recipient weight at enrollment in kg
647	RECIP_WT_LIST	Num	8	27755: Recipient weight in kg
648	RECS_DEATH	Char	1	42714: Death
649	RECS_ICUDAMIT	Char	1	42711: ICU Admission of 5 days or more?
650	RECS_LONGSTAY	Char	1	42848: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
651	RECS_ONSETDATE	Num	8	42704: Date of Onset
652	RECS_PRBC	Num	8	42710: If yes to Blood Transfusion, Units of RBCs
653	RECS_PROCEDURE	Char	1	42708: Interventions/Procedures
654	RECS_PROCTYPE	Char	1	42709: If yes to Interventions/Procedures, Type of Intervention or Procedure
655	RECS_RELIST	Char	1	42888: Re-Listing
656	RECS_RELISTDATE	Num	8	42713: If Yes to Re-Listing, Date of Re-Listing
657	RECS_RESIDISABLE	Char	1	42712: Residual Disability/Disease resulting from the complication
658	RECS_RESOLVE	Char	1	42846: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
659	RECS_RETXP	Char	1	42849: Re-Transplantation
660	RECS_TRANSFUSE	Char	1	42847: Blood Transfusion
661	RECS_TXMED	Char	1	42706: Medications Required for Treatment
662	RECS_TXMEDTYPE	Char	1	42707: If yes to Medications Required for Treatment, Type of Medications
663	RECS_WORSEN	Char	1	42705: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
664	REC_HCV_RX	Char	1	50671: HCV Treatment and Recurrence
665	REC_STAT_DATE	Num	8	50691: <b>Date subject data entry completed:</b>

Num	Variable	Type	Len	Label
666	REC_STAT_HCCEX	Char	1	50669: HCC Explant Analysis
667	REC_STAT_HCCRX	Char	1	50670: HCC Treatment and Recurrence
668	REJECT_TRIGGER	Char	1	46747: Did the patient experience more than one treated rejection episode? If so, complete a "Rejection Episode and Treatment" form for each event.
669	RESIDENCE	Char	3	27736: Recipient state of permanent residence
670	RET1_ATG_REJTX	Char	1	49802: ATGAM
671	RET1_MAZA_3	Char	1	49849: Azathioprine
672	RET1_MCYCLO	Char	1	31289: Cyclosporine
673	RET1_MCYCLO_2	Char	1	49810: Cyclosporine
674	RET1_MFK	Char	1	31291: FK506
675	RET1_MFK_2	Char	1	49813: FK506
676	RET1_MFK_3	Char	1	49846: FK506
677	RET1_MFK_5	Char	1	49912: FK506
678	RET1_MFK_4	Char	1	49879: FK506
679	RET1_MGENGRAF	Char	1	31293: Gengraf
680	RET1_MMF_REJTX	Char	1	49940: Mycophenolate Mofetil
681	RET1_MMF_REJTX_2	Char	1	49939: Mycophenolate Mofetil
682	RET1_MMF_REJTX_3	Char	1	49941: Mycophenolate Mofetil
683	RET1_MMMF	Char	1	31296: Mycophenolate Mofetil
684	RET1_MMMF_2	Char	1	49817: Mycophenolate Mofetil
685	RET1_MMMF_3	Char	1	49850: Mycophenolate Mofetil
686	RET1_MNEORAL	Char	1	31290: Neoral
687	RET1_MNEORAL_2	Char	1	49811: Neoral
688	RET1_MPRED	Char	1	31288: Prednisone
689	RET1_MPRED_2	Char	1	49809: Prednisone
690	RET1_MPRED_5	Char	1	49908: Prednisone
691	RET1_MPRED_4	Char	1	49875: Prednisone
692	RET1_MPRED_3	Char	1	49842: Prednisone
693	RET1_MRAPA	Char	1	31292: Rapamycin
694	RET1_MRAPA_2	Char	1	49814: Rapamycin
695	RET1_MRAPA_3	Char	1	49847: Rapamycin
696	RET1_MRAPA_4	Char	1	49880: Rapamycin
697	RET1_OKT3_REJTX	Char	1	49801: OKT3
698	RET1_OKT3_REJTX_2	Char	1	49823: OKT3
699	RET1_OKT3_REJTX_3	Char	1	49856: OKT3
700	RET1_RAZA_2	Char	1	49836: Azathioprine
701	RET1_RCYLO	Char	1	31302: Cyclosporine
702	RET1_REJATB	Char	1	31297: Antibody used for treatment of rejection
703	RET1_REJATB_2	Char	1	49821: Antibody used for treatment of rejection

Num	Variable	Type	Len	Label
704	RET1_REJATB_5	Char	1	49920: Antibody used for treatment of rejection
705	RET1_REJATB_4	Char	1	49887: Antibody used for treatment of rejection
706	RET1_REJATB_3	Char	1	49854: Antibody used for treatment of rejection
707	RET1_REJBX	Char	1	31309: Biopsy Confirmation of rejection
708	RET1_REJBXDT	Num	8	31310: Date of Biopsy
709	RET1_REJBXDT_2	Num	8	49838: Date of Biopsy
710	RET1_REJBXDT_4	Num	8	49904: Date of Biopsy
711	RET1_REJBXDT_3	Num	8	49871: Date of Biopsy
712	RET1_REJBXDT_5	Num	8	49937: Date of Biopsy
713	RET1_REJBX_2	Char	1	49837: Biopsy Confirmation of rejection
714	RET1_REJBX_5	Char	1	49936: Biopsy Confirmation of rejection
715	RET1_REJBX_4	Char	1	49903: Biopsy Confirmation of rejection
716	RET1_REJBX_3	Char	1	49870: Biopsy Confirmation of rejection
717	RET1_REJSEV	Char	1	31311: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
718	RET1_REJSEV_2	Char	1	49839: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
719	RET1_REJSEV_3	Char	1	49872: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
720	RET1_REJSEV_5	Char	1	49938: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
721	RET1_REJSEV_4	Char	1	49905: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
722	RET1_RFK	Char	1	31304: FK506
723	RET1_RFK_2	Char	1	49833: FK506
724	RET1_RFK_5	Char	1	49932: FK506
725	RET1_RFK_4	Char	1	49899: FK506
726	RET1_RFK_3	Char	1	49866: FK506
727	RET1_RNEORAL	Char	1	31303: Neoral
728	RET1_RNEORAL_2	Char	1	49831: Neoral
729	RET1_RPREDRECY	Char	1	31299: Recycling Oral Steroids
730	RET1_RPREDRECY_2	Char	1	49819: Recycling Oral Steroids
731	RET1_RPREDRECY_3	Char	1	49852: Recycling Oral Steroids
732	RET1_RPULSE	Char	1	31300: IV Steroids
733	RET1_RPULSE_2	Char	1	49820: IV Steroids
734	RET1_RPULSE_5	Char	1	49919: IV Steroids
735	RET1_RPULSE_4	Char	1	49886: IV Steroids
736	RET1_RPULSE_3	Char	1	49853: IV Steroids
737	RET1_RRAPA	Char	1	31305: Rapamycin
738	RET1_RRAPA_2	Char	1	49834: Rapamycin

Num	Variable	Type	Len	Label
739	RET1_RRAPA_4	Char	1	49900: Rapamycin
740	RET1_RSWITCH	Char	1	31301: Switch Maintenance Immunosuppression
741	RET1_RSWITCH_2	Char	1	49829: Switch Maintenance Immunosuppression
742	RET1_RSWITCH_5	Char	1	49928: Switch Maintenance Immunosuppression
743	RET1_RSWITCH_4	Char	1	49895: Switch Maintenance Immunosuppression
744	RET1_RSWITCH_3	Char	1	49862: Switch Maintenance Immunosuppression
745	RET1_START	Num	8	31286: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
746	RET1_START_2	Num	8	49807: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
747	RET1_START_5	Num	8	49906: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
748	RET1_START_4	Num	8	49873: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
749	RET1_START_3	Num	8	49840: Start date of each treated rejection episode. Record this as the day the rejection treatment begins
750	RET1_THYMO_REJTX	Char	1	49800: Thymoglobulin
751	RET1_THYMO_REJTX_2	Char	1	49822: Thymoglobulin
752	RGIBCS_DEATH	Char	1	42659: Death
753	RGIBCS_ICUDAMIT	Char	1	42655: ICU Admission of 5 days or more?
754	RGIBCS_LONGSTAY	Char	1	42828: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
755	RGIBCS_ONSETDATE	Num	8	42649: Date of Onset
756	RGIBCS_PRBC	Num	8	42654: If yes to Blood Transfusion, Units of RBCs
757	RGIBCS_PROCEDURE	Char	1	42884: Interventions/Procedures
758	RGIBCS_PROCTYPE	Char	1	42653: If yes to Interventions/Procedures, Type of Intervention or Procedure
759	RGIBCS_RELIST	Char	1	42657: Re-Listing
760	RGIBCS_RELISTDATE	Num	8	42658: If Yes to Re-Listing, Date of Re-Listing
761	RGIBCS_RESIDISABLE	Char	1	42656: Residual Disability/Disease resulting from the complication
762	RGIBCS_RESOLVE	Char	1	42826: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
763	RGIBCS_RETXP	Char	1	42829: Re-Transplantation
764	RGIBCS_TRANSFUSE	Char	1	42827: Blood Transfusion
765	RGIBCS_TXMED	Char	1	42651: Medications Required for Treatment
766	RGIBCS_TXMEDTYPE	Char	1	42652: If yes to Medications Required for Treatment, Type of Medications
767	RGIBCS_WORSEN	Char	1	42650: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
768	RHATCS_DEATH	Char	1	42737: Death
769	RHATCS_ICUDAMIT	Char	1	42733: ICU Admission of 5 days or more?



Num	Variable	Type	Len	Label
770	RHATCS_LONGSTAY	Char	1	42856: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
771	RHATCS_ONSETDATE	Num	8	42727: Date of Onset
772	RHATCS_PRBC	Num	8	42732: If yes to Blood Transfusion, Units of RBCs
773	RHATCS_PROCEDURE	Char	1	42730: Interventions/Procedures
774	RHATCS_PROCTYPE	Char	1	42855: If yes to Interventions/Procedures, Type of Intervention or Procedure
775	RHATCS_RELIST	Char	1	42735: Re-Listing
776	RHATCS_RELISTDATE	Num	8	42857: If Yes to Re-Listing, Date of Re-Listing
777	RHATCS_RESIDISABLE	Char	1	42734: Residual Disability/Disease resulting from the complication
778	RHATCS_RESOLVE	Char	1	42854: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
779	RHATCS_RETXP	Char	1	42736: Re-Transplantation
780	RHATCS_TRANSFUSE	Char	1	42731: Blood Transfusion
781	RHATCS_TXMED	Char	1	42889: Medications Required for Treatment
782	RHATCS_TXMEDTYPE	Char	1	42729: If yes to Medications Required for Treatment, Type of Medications
783	RHATCS_WORSEN	Char	1	42728: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
784	RICS_DEATH	Char	1	42886: Death
785	RICS_ICUDAMIT	Char	1	42676: ICU Admission of 5 days or more?
786	RICS_LONGSTAY	Char	1	42677: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
787	RICS_ONSETDATE	Num	8	42834: Date of Onset
788	RICS_PRBC	Num	8	42675: If yes to Blood Transfusion, Units of RBCs
789	RICS_PROCEDURE	Char	1	42673: Interventions/Procedures
790	RICS_PROCTYPE	Char	1	42836: If yes to Interventions/Procedures, Type of Intervention or Procedure
791	RICS_RELIST	Char	1	42679: Re-Listing
792	RICS_RELISTDATE	Num	8	42837: If Yes to Re-Listing, Date of Re-Listing
793	RICS_RESIDISABLE	Char	1	42678: Residual Disability/Disease resulting from the complication
794	RICS_RESOLVE	Char	1	42885: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
795	RICS_RETXP	Char	1	42680: Re-Transplantation
796	RICS_TRANSFUSE	Char	1	42674: Blood Transfusion
797	RICS_TXMED	Char	1	42835: Medications Required for Treatment
798	RICS_TXMEDTYPE	Char	1	42672: If yes to Medications Required for Treatment, Type of Medications
799	RICS_WORSEN	Char	1	42671: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
800	RIMR_BATB	Char	1	30674: Other antibody therapy
801	RIMR_BAZA	Char	1	30667: Azathioprine

Num	Variable	Type	Len	Label
802	RIMR_BCYCLO	Char	1	30661: Cyclosporine
803	RIMR_BFK	Char	1	30663: FK506
804	RIMR_BGENGRAF	Char	1	30665: Gengraf
805	RIMR_BMMF	Char	1	30668: Mycophenolate Mofetil (MMF)
806	RIMR_BMPRED	Char	1	30660: Methylprednisolone
807	RIMR_BNEORAL	Char	1	30662: Neoral
808	RIMR_BOKT3	Char	1	30670: OKT3
809	RIMR_BPRED	Char	1	30659: Prednisone
810	RIMR_BRAPA	Char	1	30664: Rapamycin
811	RIMR_BSIMU	Char	1	30673: Simulect
812	RIMR_BTHYMO	Char	1	30671: Thymoglobulin
813	RIMR_BZENA	Char	1	30672: Zenapax
814	RIMR_CYCLO_PREREJ	Char	1	49792: Cyclosporine
815	RIMR_DATE	Num	8	30678: Date of First Rejection Episode
816	RIMR_FK_PREREJ	Char	1	49795: FK506
817	RIMR_GENG_PREREJ	Char	1	49794: Gengraf
818	RIMR_INDUCTATB	Char	56	48788: Name of Other antibody therapy
819	RIMR_MMF_PREREJ	Char	1	49799: Mycophenolate Mofetil (MMF)
820	RIMR_MP_PREREJ	Char	1	49791: Methylprednisolone
821	RIMR_NEOR_PREREJ	Char	1	49793: Neoral
822	RIMR_PRED3M	Num	8	30675: Prednisone at 3 months. (mg) If none, enter 0. For an every other day regimen, divide the bi-daily dose by half and enter that amount
823	RIMR_PRED_PREREJ	Char	1	49790: Prednisone
824	RIMR_RAD_PREREJ	Char	1	49797: Certican (RAD)
825	RIMR_RAPA_PREREJ	Char	1	49796: Rapamycin
826	RIMR_RCYCLO	Char	1	30685: Cyclosporine
827	RIMR_REJ	Char	1	30676: Treated rejection during the first year post transplant
828	RIMR_REJATB	Char	1	30680: Antibody used for rejection treatment
829	RIMR_REJBX	Char	3	30692: Biopsy Confirmation of rejection
830	RIMR_REJBXDT	Num	8	30693: Date of Biopsy
831	RIMR_REJEP	Num	8	30677: Number of Rejection Episodes
832	RIMR_REJSEV	Char	1	30694: Acute rejection severity as recorded in the pathology reading of the biopsy that confirmed the rejection episode
833	RIMR_REJTX_ATGAM	Char	1	48791: ATGAM
834	RIMR_REJTX_OKT3	Char	1	48790: OKT3
835	RIMR_REJTX_OTHATB	Char	68	48795: Specify other antibody
836	RIMR_REJTX_OTHATBYN	Char	1	48794: Other antibody
837	RIMR_REJTX_THYMO	Char	1	48789: Thymoglobulin
838	RIMR_REJTX_ZEN	Char	1	48793: Zenapax

Num	Variable	Type	Len	Label
839	RIMR_RFK	Char	1	30687: FK506
840	RIMR_RGENGRAF	Char	1	30689: Gengraf
841	RIMR_RNEORAL	Char	1	30686: Neoral
842	RIMR_RPREDRECY	Char	1	30682: Recycling Oral Steroids
843	RIMR_RPULSE	Char	1	30683: IV Steroids
844	RIMR_RRAPA	Char	1	30688: Rapamycin
845	RIMR_RSWITCH	Char	1	30684: Switch Maintenance Immunosuppression
846	RINFCS_DEATH	Char	1	42803: Death
847	RINFCS_ICUDAMIT	Char	1	42799: ICU Admission of 5 days or more?
848	RINFCS_LONGSTAY	Char	1	42881: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
849	RINFCS_ONSETDATE	Num	8	42793: Date of Onset
850	RINFCS_PRBC	Num	8	42798: If yes to Blood Transfusion, Units of RBCs
851	RINFCS_PROCEDURE	Char	1	42893: Interventions/Procedures
852	RINFCS_PROCTYPE	Char	1	42797: If yes to Interventions/Procedures, Type of Intervention or Procedure
853	RINFCS_RELIST	Char	1	42801: Re-Listing
854	RINFCS_RELISTDATE	Num	8	42802: If Yes to Re-Listing, Date of Re-Listing
855	RINFCS_RESIDISABLE	Char	1	42800: Residual Disability/Disease resulting from the complication
856	RINFCS_RESOLVE	Char	2	42879: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
857	RINFCS_RETXP	Char	1	42882: Re-Transplantation
858	RINFCS_TRANSFUSE	Char	1	42880: Blood Transfusion
859	RINFCS_TXMED	Char	1	42795: Medications Required for Treatment
860	RINFCS_TXMEDTYPE	Char	1	42796: If yes to Medications Required for Treatment, Type of Medications
861	RINFCS_WORSEN	Char	1	42794: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
862	RIO_ABORTREAS	Char	1	30272: If yes to Procedure Aborted, Reason(s) for Procedure Abortion
863	RIO_ANESLENGTH	Num	8	30307: Total Anesthesia Time Defined as induction to skin closure and dressing
864	RIO_ARCUATE	Char	1	30297: Arcuate Ligament released
865	RIO_ARTANASNO	Char	1	30295: Number of Arterial Anastomoses
866	RIO_ARTANASUT	Char	1	30296: Arterial Anastomosis Graft Utilization
867	RIO_ARTANAT	Char	1	30274: If cadaveric whole graft, Whole cadaveric arterial anatomy
868	RIO_ARTRECON	Char	1	30275: Back-table arterial reconstruction for whole cadaveric donor
869	RIO_ARTTIME	Num	8	30279: If previous answer is separately, Time to Arterialization
870	RIO_ASCITES	Num	8	30304: How much ascites, (in ccs) was suctioned out during the operation? If none, record 0.
871	RIO_BILANASTNO	Char	1	30298: If LDLT, Number of biliary Anastomoses
872	RIO_CADPIGGY	Char	1	30288: If yes to cadaveric donor, Cadaveric Donor Piggy Back

Num	Variable	Type	Len	Label
873	RIO_CIT	Num	8	30276: Cold Ischemia Time
874	RIO_CPORTANAS	Char	1	30289: Number of Cadaveric Donor Portal Anastomoses
875	RIO_CVRECONTYP	Char	48	30294: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis
876	RIO_DOS	Num	8	30270: Date of Surgery
877	RIO_GRFTYP	Char	1	30273: Graft Type
878	RIO_HBILRECONTYP	Char	1	30302: If yes to Back-Table Hepatic Biliary Reconstruction, Description of Back-Table Biliary Reconstruction
879	RIO_HEPBILRECON	Char	1	30301: Back-Table Hepatic Biliary Reconstruction
880	RIO_HEPVRECON	Char	1	30285: Back-Table Hepatic Venous Reconstruction
881	RIO_HRECONTYP	Char	1	30286: If yes, to back-table hepatic venous reconstruction, Type of Back-Table Hepatic Venous Reconstruction
882	RIO_LVRECONTYP	Char	55	30287: If Graft Venous Anastomosis Chosen, Type of Graft Venous Anastomosis (e.g. donor ileac vein)
883	RIO_OPLENGTH	Num	8	30306: Total Length of Operative Procedure. Defined as incision to skin closure and dressing
884	RIO_OTHERPROC	Char	1	30303: Other Non-Transplant Procedures
885	RIO_OTPROCSPECIFY	Char	127	42917: If yes to other procedure, specify
886	RIO_PORVRECON	Char	1	30292: Back-Table Portal Reconstruction
887	RIO_PRBC	Num	8	30305: How many units of packed red blood cells did the recipient receive during the transplant? Mark 0 for none.
888	RIO_PRECONTYP	Char	1	30293: If yes to back-table portal venous reconstruction, Type of Back-Table Portal Venous Reconstruction
889	RIO_PROABORT	Char	1	30271: Procedure Aborted
890	RIO_REPOINFO	Char	2	30277: Portal and Arterial Reperfusion Information
891	RIO_SURGTIM	Num	8	30281: Total Time of Surgery
892	RIO_VANAST	Char	1	30282: If yes to Living Donor, Number of Living Donor Hepatic Venous Anastomoses
893	RIO_WITSEP	Num	8	30278: If previous answer is separately, Warm Ischemia Time
894	RIO_WITSIM	Num	8	30280: If portal & arterial perfusion are performed simultaneously, Warm Ischemia Time
895	RIVCTCS_DEATH	Char	1	42759: Death
896	RIVCTCS_ICUDAMIT	Char	1	42755: ICU Admission of 5 days or more?
897	RIVCTCS_LONGSTAY	Char	1	42756: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
898	RIVCTCS_ONSETDATE	Num	8	42749: Date of Onset
899	RIVCTCS_PRBC	Num	8	42864: If yes to Blood Transfusion, Units of RBCs
900	RIVCTCS_PROCEDURE	Char	1	42863: Interventions/Procedures
901	RIVCTCS_PROCTYPE	Char	1	42753: If yes to Interventions/Procedures, Type of Intervention or Procedure
902	RIVCTCS_RELIST	Char	1	42757: Re-Listing
903	RIVCTCS_RELISTDATE	Num	8	42758: If Yes to Re-Listing, Date of Re-Listing

Num	Variable	Type	Len	Label
904	RIVCTCS_RESIDISABLE	Char	1	42865: Residual Disability/Disease resulting from the complication
905	RIVCTCS_RESOLVE	Char	1	42862: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
906	RIVCTCS_RETXP	Char	1	42866: Re-Transplantation
907	RIVCTCS_TRANSFUSE	Char	1	42754: Blood Transfusion
908	RIVCTCS_TXMED	Char	1	42751: Medications Required for Treatment
909	RIVCTCS_TXMEDTYPE	Char	1	42752: If yes to Medications Required for Treatment, Type of Medications
910	RIVCTCS_WORSEN	Char	1	42750: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
911	RLTCS_DEATH	Char	1	42870: Death
912	RLTCS_ICUDAMIT	Char	1	42766: ICU Admission of 5 days or more?
913	RLTCS_LONGSTAY	Char	1	42869: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
914	RLTCS_ONSETDATE	Num	8	42891: Date of Onset
915	RLTCS_PRBC	Num	8	42765: If yes to Blood Transfusion, Units of RBCs
916	RLTCS_PROCEDURE	Char	1	42763: Interventions/Procedures
917	RLTCS_PROCTYPE	Char	1	42764: If yes to Interventions/Procedures, Type of Intervention or Procedure
918	RLTCS_RELIST	Char	1	42768: Re-Listing
919	RLTCS_RELISTDATE	Num	8	42769: If Yes to Re-Listing, Date of Re-Listing
920	RLTCS_RESIDISABLE	Char	1	42767: Residual Disability/Disease resulting from the complication
921	RLTCS_RESOLVE	Char	1	42760: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
922	RLTCS_RETXP	Char	1	42770: Re-Transplantation
923	RLTCS_TRANSFUSE	Char	1	42868: Blood Transfusion
924	RLTCS_TXMED	Char	1	42761: Medications Required for Treatment
925	RLTCS_TXMEDTYPE	Char	1	42762: If yes to Medications Required for Treatment, Type of Medications
926	RLTCS_WORSEN	Char	1	42867: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
927	RL_HTN	Char	3	27773: Recipient drug treated systemic hypertension prior to listing
928	RMOR_ABBLD	Char	1	30697: Intra-abdominal Bleeding-a series of bleeds over several days without full recovery constitutes one episode
929	RMOR_ABPRBC	Num	8	30698: If yes to intra-abdominal bleed, Number of Units of RBCs Transfused
930	RMOR_ABSCESS	Char	1	30704: Localized intra-abdominal abscesses that were treated with antibiotics, surgical or radiologic intervention
931	RMOR_ASCITES	Char	1	30733: Post operative Ascites. Answer yes if ascites was treated with diuretics (furosemide, spironolactone, bumetanide, metalazone) or paracentesis
932	RMOR_ASPIR	Char	1	30724: Aspiration-sudden respiratory distress that required intubation, associated with the appearance of a new focal infiltrate on a chest x-ray or suctioning of gastric contents from an endotracheal tube
933	RMOR_ASPIRDT	Num	8	30725: Date of Aspiration

Num	Variable	Type	Len	Label
934	RMOR_BBILE	Char	1	30744: Bacterial Bile Duct
935	RMOR_BBLOOD	Char	1	30745: Bacterial Blood
936	RMOR_BCNS	Char	1	30748: Bacterial CNS
937	RMOR_BILE	Char	1	30695: Bile leak/Biloma-Presence of persistent bilious drainage beyond 7 days post surgery, or have a diagnosis of an intra-abdominal bile collection
938	RMOR_BLIV	Char	1	30746: Bacterial Liver
939	RMOR_BOWEL	Char	1	30707: Bowel Obstruction documented by imaging study or identified at re-exploration
940	RMOR_BPULM	Char	1	30747: Bacterial Pulmonary
941	RMOR_BUTI	Char	1	30749: Bacterial Urinary Tract
942	RMOR_BWOUND	Char	1	30743: Bacterial Wound
943	RMOR_CHF	Char	1	30712: Congestive Heart Failure post-transplant during the perioperative period
944	RMOR_CHFDT	Num	8	30713: Date of Congestive Heart Failure
945	RMOR_CPR	Char	1	30720: Cardiopulmonary Arrest-cessation of patients heartbeat and breathing. Answer Yes only if the episode required resuscitation
946	RMOR_CPRDT	Num	8	30721: Date of Cardipulmonary Arrest
947	RMOR_CR	Char	1	30737: Histological evidence of Chronic Rejection. Does not have to be treated to be reported.
948	RMOR_DEHISC	Char	1	30728: Dehiscence-abrupt release of sutures/staples causing the wound to open
949	RMOR_DEHISCDT	Num	8	30729: Date of Dehiscence
950	RMOR_DVT	Char	1	30740: Deep Vein Thrombosis-treated with anticoagulants
951	RMOR_ENCEPH	Char	1	30732: Encephalopathy/Hepatic Coma-post-operative liver-induced altered mental status or disturbed level of consciousness necessitating treatment with lactulose, neomycin or metronizadole
952	RMOR_FBILE	Char	1	30758: Fungal Bile Duct
953	RMOR_FBLOOD	Char	1	30759: Fungal Blood
954	RMOR_FCNS	Char	1	30762: Fungal CNS
955	RMOR_FLIV	Char	1	30760: Fungal Liver
956	RMOR_FPULM	Char	1	30761: Fungal Pulmonary
957	RMOR_FUTI	Char	1	30763: Fungal Urinary Tract
958	RMOR_FWOUND	Char	1	30757: Fungal Wound
959	RMOR_GIBLD	Char	1	30699: Upper/Lower GI Bleeding-a series of bleeds over several days without full recovery constitutes one episode
960	RMOR_GIBLDCAU	Char	57	30702: If not ulcer, specify cause of GI bleed
961	RMOR_GIPRBC	Num	8	30703: Number of Units of RBCs Transfused for GI bleed (enter 0 for none)
962	RMOR_HAT	Char	1	30734: Hepatic Artery Thrombosis
963	RMOR_HERNIA	Char	1	30730: Post-op Hernia Development
964	RMOR_HERNIADT	Num	8	30731: Date of Hernia
965	RMOR_ILEUS	Char	1	30705: Prolonged Ileus-a delay in return of bowel function beyond 7 days post-op

Num	Variable	Type	Len	Label
966	RMOR_ILEUSLENG	Num	8	30706: Length of Ileus in days-Count from the day of surgery to the day of resumed oral intake
967	RMOR_INFECT	Char	1	30742: Post operative infection(s) requiring intervention
968	RMOR_INFECTDT	Num	8	30764: Date of infection diagnosis
969	RMOR_IVCT	Char	1	30736: Inferior Vena Cava Thrombosis
970	RMOR_MI	Char	1	30710: Myocardial Infarction post-donation during the perioperative period
971	RMOR_MIDT	Num	8	30711: Date of Myocardial Infarction
972	RMOR_NEURAPRAX	Char	1	30741: Neuropraxia-experience sensory or motor peripheral nerve dysfunction that resulted in altered sensations or loss of motor function in the absence of central nervous system disorder
973	RMOR_OTHER	Char	1	30765: Other complications
974	RMOR_OTHERDT	Num	8	30766: Date of other complication diagnosis
975	RMOR_PE	Char	1	30726: Pulmonary Embolism-sudden onset of dyspnea associated with tachypnea and tachycardia documented as a probable pulmonary embolism by V/Q scan or a spiral CT
976	RMOR_PEDEM	Char	1	30718: Pulmonary Edema-accumulations of fluid in the interstitial lung tissues, confirmed by xray in the absence of congestive heart failure
977	RMOR_PEDEMDT	Num	8	30719: Date of Pulmonary Edema
978	RMOR_PEDT	Num	8	30727: Date of Pulmonary Embolism
979	RMOR_PLEUR	Char	1	30716: Pleural Effusion requiring either chest tube placement or thoracocentesis (tapping of fluid from the pleural space)
980	RMOR_PLEURDT	Num	8	30717: Date of Pleural Effusion
981	RMOR_PNEUMO	Char	1	30714: Pneumothorax requiring placement of a chest tube
982	RMOR_PNEUMODT	Num	8	30715: Date of Pneumothorax
983	RMOR_PVT	Char	1	30735: Portal Vein Thrombosis
984	RMOR_RECUR	Char	1	30738: Recurrence of Original Liver Disease-excluding HCV and HCC
985	RMOR_REEXPLORE	Char	1	30708: Re-Exploration-unplanned return to the operating room following the transplant procedure
986	RMOR_RESP	Char	1	30722: Respiratory Arrest-requiring intubation and not accompanied by cardiac arrest
987	RMOR_RESPDT	Num	8	30723: Date of Respiratory Arrest
988	RMOR_RETXP	Char	1	30739: Retransplanted for liver failure
989	RMOR_STRICT	Char	1	30696: Biliary Stricture-Presence of narrowing of the intrahepatic or extrahepatic bile ducts
990	RMOR_SURGCOMP	Char	1	30709: Identification of any surgical complications arising from the transplant procedure during re-exploratory surgery
991	RMOR_ULCER	Char	1	30700: GI bleed caused by an Ulcer
992	RMOR_VARICE	Char	1	30701: GI bleed caused by varices
993	RMOR_VBILE	Char	1	30751: Viral Bile Duct
994	RMOR_VBLOOD	Char	1	30752: Viral Blood
995	RMOR_VCNS	Char	1	30755: Viral CNS
996	RMOR_VLIV	Char	1	30753: Viral Liver
997	RMOR_VPULM	Char	1	30754: Viral Pulmonary

Num	Variable	Type	Len	Label
998	RMOR_VUTI	Char	1	30756: Viral Urinary Tract
999	RNCS_DEATH	Char	1	42878: Death
1000	RNCS_ICUDAMIT	Char	1	42788: ICU Admission of 5 days or more?
1001	RNCS_LONGSTAY	Char	1	42789: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
1002	RNCS_ONSETDATE	Num	8	42782: Date of Onset
1003	RNCS_PRBC	Num	8	42876: If yes to Blood Transfusion, Units of RBCs
1004	RNCS_PROCEDURE	Char	1	42785: Interventions/Procedures
1005	RNCS_PROCTYPE	Char	1	42786: If yes to Interventions/Procedures, Type of Intervention or Procedure
1006	RNCS_RELIST	Char	1	42877: Re-Listing
1007	RNCS_RELISTDATE	Num	8	42791: If Yes to Re-Listing, Date of Re-Listing
1008	RNCS_RESIDISABLE	Char	1	42790: Residual Disability/Disease resulting from the complication
1009	RNCS_RESOLVE	Char	1	42875: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
1010	RNCS_RETXP	Char	1	42792: Re-Transplantation
1011	RNCS_TRANSFUSE	Char	1	42787: Blood Transfusion
1012	RNCS_TXMED	Char	1	42783: Medications Required for Treatment
1013	RNCS_TXMEDTYPE	Char	1	42784: If yes to Medications Required for Treatment, Type of Medications
1014	RNCS_WORSEN	Char	1	42812: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
1015	RPVTCS_DEATH	Char	1	42890: Death
1016	RPVTCS_ICUDAMIT	Char	1	42745: ICU Admission of 5 days or more?
1017	RPVTCS_LONGSTAY	Char	1	42860: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
1018	RPVTCS_ONSETDATE	Num	8	42738: Date of Onset
1019	RPVTCS_PRBC	Num	8	42744: If yes to Blood Transfusion, Units of RBCs
1020	RPVTCS_PROCEDURE	Char	1	42742: Interventions/Procedures
1021	RPVTCS_PROCTYPE	Char	1	42859: If yes to Interventions/Procedures, Type of Intervention or Procedure
1022	RPVTCS_RELIST	Char	1	42747: Re-Listing
1023	RPVTCS_RELISTDATE	Num	8	42748: If Yes to Re-Listing, Date of Re-Listing
1024	RPVTCS_RESIDISABLE	Char	1	42746: Residual Disability/Disease resulting from the complication
1025	RPVTCS_RESOLVE	Char	2	42858: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
1026	RPVTCS_RETXP	Char	1	42861: Re-Transplantation
1027	RPVTCS_TRANSFUSE	Char	1	42743: Blood Transfusion
1028	RPVTCS_TXMED	Char	1	42740: Medications Required for Treatment
1029	RPVTCS_TXMEDTYPE	Char	1	42741: If yes to Medications Required for Treatment, Type of Medications



Num	Variable	Type	Len	Label
1030	RPVTCS_WORSEN	Char	1	42739: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
1031	RRECCS_DEATH	Char	1	31262: Death
1032	RRECCS_ICUDAMIT	Char	1	31256: ICU Admission of 5 days or more?
1033	RRECCS_LONGSTAY	Char	1	31257: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
1034	RRECCS_ONSETDATE	Num	8	31247: Date of Onset
1035	RRECCS_PRBC	Num	8	31255: If yes to Blood Transfusion, Units of RBCs
1036	RRECCS_PROCEDURE	Char	1	31252: Interventions/Procedures
1037	RRECCS_PROCTYPE	Char	1	31253: If yes to Interventions/Procedures, Type of Intervention or Procedure
1038	RRECCS_RELIST	Char	1	31259: Re-Listing
1039	RRECCS_RELISTDATE	Num	8	31260: If Yes to Re-Listing, Date of Re-Listing
1040	RRECCS_RESIDISABLE	Char	1	31258: Residual Disability/Disease resulting from the complication
1041	RRECCS_RESOLVE	Char	1	31248: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
1042	RRECCS_RETXP	Char	1	31261: Re-Transplantation
1043	RRECCS_TRANSFUSE	Char	1	31254: Blood Transfusion
1044	RRECCS_TXMED	Char	1	31250: Medications Required for Treatment
1045	RRECCS_TXMEDTYPE	Char	1	31251: If yes to Medications Required for Treatment, Type of Medications
1046	RRECCS_WORSEN	Char	1	31249: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
1047	RRECS_DEATH	Char	1	42703: Death
1048	RRECS_ICUDAMIT	Char	1	42699: ICU Admission of 5 days or more?on
1049	RRECS_LONGSTAY	Char	1	42844: Management of this complication required the patients hospital stay to be longer than 4 weeks (if initial transplant surgery admission) or 14 days (if subsequent post transplant admission) total
1050	RRECS_ONSETDATE	Num	8	42693: Date of Onset
1051	RRECS_PRBC	Num	8	42698: If yes to Blood Transfusion, Units of RBCs
1052	RRECS_PROCEDURE	Char	1	42696: Interventions/Procedures
1053	RRECS_PROCTYPE	Char	1	42697: If yes to Interventions/Procedures, Type of Intervention or Procedure
1054	RRECS_RELIST	Char	1	42701: Re-Listing
1055	RRECS_RELISTDATE	Num	8	42702: If Yes to Re-Listing, Date of Re-Listing
1056	RRECS_RESIDISABLE	Char	1	42700: Residual Disability/Disease resulting from the complication
1057	RRECS_RESOLVE	Char	1	42842: Resolution of the complication within 3 months post-operatively. This does not apply to complications that are self-limiting acute events.
1058	RRECS_RETXP	Char	1	42845: Re-Transplantation
1059	RRECS_TRANSFUSE	Char	1	42843: Blood Transfusion
1060	RRECS_TXMED	Char	1	42887: Medications Required for Treatment
1061	RRECS_TXMEDTYPE	Char	1	42695: If yes to Medications Required for Treatment, Type of Medications

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1062	RRECS_WORSEN	Char	1	42694: If No or N/A to Resolution, Complication worsened. (requiring intervention in an effort to control the complication or its sequelae)
1063	DON_HP_DATE	Num	8	27847: Donor H&P date
1064	a2all_id	Char	5	A2ALL patient ID used in next phase of study (NOT UNIQUE)
1065	SITE_ID	Num	8	Study site ID
1066	pers_id	Num	8	SRTR: Unique SRTR patient identifier (PERS_ID)
1067	ENR_YOB	Num	8	Year of Birth
1068	RCP_DOMINO	Num	8	Domino transplant recipient

**Data Set Name: niddk\_cdr\_retro\_rcp\_srtr.sas7bdat**

Num	Variable	Type	Len	Label
1	RESP_ID	Num	8	Unique A2ALL patient identifier
2	pers_id	Num	8	SRTR: Unique SRTR patient identifier (PERS_ID)
3	SRTR_px_id	Num	8	SRTR: Patient Identifier (PX_ID)
4	SRTR_DON_ID	Char	7	SRTR: Unique Donor ID (DON_ID)
5	SRTR_DON_AGE	Num	8	SRTR: Donor Age in Years at donation
6	SRTR_DON_GENDER	Char	1	SRTR: Donor gender (M/F)
7	SRTR_DON_WGT_KG	Num	8	SRTR: Donor weight in kg
8	SRTR_trr_id	Num	8	SRTR: Unique SRTR identifier for TRR (TRR_ID)
9	SRTR_tx_id	Num	8	SRTR: Unique SRTR identifier for Transplant (TX_ID)
10	SRTR_RECIP_HEIGHT_TXP	Num	8	SRTR: Recipient Height in Centimeters at transplant
11	SRTR_RECIP_WEIGHT_TXP	Num	8	SRTR: Recipient Weight in kilograms at transplant
12	SRTR_tfl_endtxfu	Num	8	SRTR: Censoring date for post-txp followup w/ extra ascertainment (using SRTR_PERS_ALL_DEATH_DT / SRTR_PERS_RETX)
13	SRTR_tfl_graft_dt	Num	8	SRTR: Graft Failure date (center followup only)
14	SRTR_pers_retx	Num	8	SRTR: Re-transplant date (first liver txp after A2ALL txp (i.e. after RIO_DOS))
15	SRTR_tfl_lafudate	Num	8	SRTR: Last Graft Follow up Date (center followup only)
16	SRTR_CIT	Num	8	SRTR: Cold ischemia time
17	SRTR_DON_HEIGHT	Num	8	SRTR: Donor height in meters
18	SRTR_WL_ID	Num	8	SRTR: Unique identifier for a Waitlist Registration
19	SRTR_RECIP_HEIGHT_LIST	Num	8	SRTR: Candidate Height in Centimeters at listing
20	SRTR_RECIP_WEIGHT_LIST	Num	8	SRTR: Candidate Weight in kilograms at listing
21	SRTR_CAN_LISTING_DT	Num	8	SRTR: Listing Date
22	SRTR_CAN_ENDWLFU	Num	8	SRTR: Censoring date for waitlist followup
23	SRTR_RECIP_prev_livtxp	Num	8	SRTR: Person had a previous liver txp (1=yes, 0=no)
24	SRTR_RECIP_status_list	Num	8	SRTR: Status at listing
25	SRTR_RECIP_active_stat_list	Num	8	SRTR: First active status after listing (inactive only if never active)
26	SRTR_RECIP_INR_list	Num	8	SRTR: International Normalized Ratio at listing
27	SRTR_RECIP_tbili_list	Num	8	SRTR: Bilirubin at listing
28	SRTR_RECIP_creat_list	Num	8	SRTR: Serum creatinine at listing with lower bound 1, upper bound 4
29	SRTR_RECIP_INR_enr	Num	8	SRTR: International Normalized Ratio at A2ALL enrollment (donor H&P)
30	SRTR_RECIP_tbili_enr	Num	8	SRTR: Bilirubin at A2ALL enrollment (donor H&P)
31	SRTR_RECIP_creat_enr	Num	8	SRTR: Serum creatinine at A2ALL enrollment with lower bound 1, upper bound 4
32	SRTR_cand_match	Num	8	SRTR: 1 if found an SRTR listing record for potential recipient in SRTR database, 0 o.w.
33	SRTR_txp_match	Num	8	SRTR: 1 if found a liver transplant for potential recipient in SRTR database, 0 o.w.

Num	Variable	Type	Len	Label
34	SRS_donor_age_txp	Num	8	SRTR supplemented: Donor age in years (A2ALL suppl w/SRTR when missing)
35	SRS_recip_height_list	Num	8	SRTR supplemented: Recipient Height at listing in cm (A2ALL suppl w/SRTR when missing)
36	SRS_DON_GENDER	Char	1	SRTR supplemented: Donor gender (1=male/2=female) (A2ALL suppl w/SRTR when missing)
37	SRS_DON_HEIGHT	Num	8	SRTR supplemented: Donor height in meters (A2ALL suppl w/SRTR when missing)
38	SRS_DON_WEIGHT	Num	8	SRTR supplemented: Donor weight in kg (A2ALL suppl w/SRTR when missing)
39	ctr_avg_yr_vol	Num	8	SRTR: Average annual txp vol at center (txp 1/1/98-2/28/03 incl split/partial adult/pediatric single/multi-organ livers)
40	recip_case	Num	8	SRTR: Case number at center for this LDLT
41	SRS_recip_weight_enr	Num	8	SRTR supplemented: Recipient Weight at Enrollment (A2ALL at enrollment, suppl w/ A2ALL at listing, txp, SRTR at listing, txp)
42	SRS_recip_BMI_enr	Num	8	SRTR supplemented: Recipient BMI (kg/m <sup>2</sup> ) at enrollment (A2ALL suppl w/SRTR when missing)
43	SRS_MELD_enr_creat	Num	8	SRTR supplemented: Creatinine for SRS_MELD_enr, lower bound of 1 (A2ALL at enrollment suppl w/ A2ALL at listing, then SRTR at enroll, SRTR at listing)
44	SRS_MELD_enr_TBILI	Num	8	SRTR supplemented: Bilirubin for SRS_MELD_enr, lower bound of 1 (A2ALL at enrollment suppl w/ A2ALL at listing, then SRTR at enroll, SRTR at listing)
45	SRS_MELD_enr_INR	Num	8	SRTR supplemented: INR for SRS_MELD_enr, lower bound of 1 (A2ALL at enrollment suppl w/ A2ALL at listing, then SRTR at enroll, SRTR at listing)
46	SRS_MELD_enr_RAW	Num	8	SRTR supplemented: MELD at enrollment, no upper bound (components suppl w/ A2ALL at listing when missing, then with SRTR at listing)
47	SRS_MELD_enr	Num	8	SRTR supplemented: MELD at enrollment, upper bound of 40 (components suppl w/ A2ALL at listing, then SRTR at enroll, SRTR at listing)
48	SRS_MELD_enr_SCORE_MISSING	Num	8	SRTR supplemented: 1 if SRS_MELD_enr is missing, 0 o.w.
49	SRTR_next_tx	Num	8	SRTR: First liver txp date after A2ALL enrollment
50	SRTR_next_tx_don_ty	Char	3	SRTR: Donor type (C=deceased, L=living) of first liver txp after A2ALL enrollment
51	SRTR_next_tx_ctr_cd	Char	4	SRTR: Center at which first liver txp after A2ALL enrollment occurred
52	SRTR_next_tx_px_id	Num	8	SRTR: PX_ID for first liver txp after A2ALL enrollment
53	SRTR_PERS_ALL_DEATH_DT	Num	8	SRTR: Death date from OPTN+SSA+ESRD