SC RENAL INSUM	Participant ID:		Participant Initials:
	Clinical Center:	Site:	Visit Number:
COHORT STUDY	CRF Date:		RC ID:
	ADMINISTRATIVE	HOSPITAL RECO	RD EVALUATION
	• •	•	tal Record (<i>ADMINEVAL</i>) case report form Data Management System.
1. DMS tracking		ation generated by the	
	j number.		
Please record DMS to	racking # on EVENTS cas	e report form.	
	nts Questionnaire (EVEN1	•	
			onnaire (<i>EVENTS_ADMIN</i>) at this visit?
□ ₁ Yes	·		х <u> </u>
If " <u>Yes</u> " in question #3	3, go to question #3a. If " <u>I</u>	<u>No</u> " in question #3, go t	to question #4.
3a. Hospitaliza for this eve		participant in Medical	Event Questionnaire (EVENTS_ADMIN)
Admissio	on/ (r	mm/yyyy)	
Discharg	e / (m	nm/yyyy)	
3b. Were you p	previously notified of this h	ospitalization?	
□ ₁ Yes	□₀ N	0	
If " <u>Yes</u> " in question #3	3b, go to question #3c. If	" <u>No</u> " in question #3b, g	o to question #4.
3c. Visit	# DMS t	racking #	STOP
	ify and obtain hospital rec sults, etc. and/or administ		ords i.e., discharge summary, progress or this hospitalization?
□ ₁ Yes	□_0 N	0	
If " <u>Yes</u> " in question #4	4, go to question #4a and	continue. If " <u>No</u> " in que	estion #4, STOP.
4a. Hospitaliza	tion dates from hospital re	ecords:	
Admissio	on///	(<i>mm/dd/yyyy</i>)	
Discharg	e///	(<i>mm/dd/yyyy</i>)	
	f hospital from administrat <u>T</u> be entered into the DMS		
5. Did you obtai	in administrative hospital o	codes for this hospitaliz	ation?
□ ₁ Yes	□_0 N	0	
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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

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5a. Did you obtain medical records (i.e., discharge summary, progress notes, lab. results, etc.)?

 \Box_1 Yes

□₀ No

If "Yes" to Q#5 and "Yes" to Q#5a, proceed to Q#6. If "Yes in Q #5 and "No" in Q#5a, proceed to Q#6. If "No" in Q#5 and "Yes" in Q#5a, Stop and fill out a Principal Investigator-Determined Events (*PIEVENTS*) case report form. If "No" in Q #5 and "No" in Q#5a, STOP.

6. Check <u>ALL</u> of the codes in the following list that were identified for this hospitalization in administrative records:

ICD-9 Code	Diagnosis	Category
398.91	Rheumatic heart failure (includes all codes in series)	
402.01	Hypertensive heart disease (malignant) with CHF	Heart Failure
402.11	Hypertensive heart disease (benign) with CHF	(CHF)
402.91	Hypertensive heart disease (unspecified) with CHF	
410	Acute myocardial infarction (includes all codes in series)	
411	Other acute and subacute forms of ischemic heart disease (includes all codes in series)	Myocardial
412	Old myocardial infarction (include all codes in series in primary position only)	Infarction
413	Angina pectoris (includes all codes in series)	(MI)
414	Other forms of chronic ischemic heart disease (include all codes in series in primary position only)	
425	Cardiomyopathy (includes all codes in series)	Heart Failure (CHF)
426	Atrioventricular block, complete (includes all codes in series)	Arrhythmias
427	Cardiac dysrhythmias (includes all codes in series)	Annyunnias
428	Heart failure (includes all codes in series)	Heart Failure
429	III-defined descriptions and complications of heart disease (includes all codes in series)	(CHF)
430	Subarachnoid hemorrhage	
431	Intracerebral hemorrhage	
432	Other and unspecified intracerebral hemorrhage (includes all codes in series)	
433	Occlusion and stenosis of intracerebral arteries (includes all codes in series)	Cerebrovascular
434	Occlusion of cerebral arteries (includes all codes in series)	
435	Transient cerebral ischemia (TIA) (includes all codes in series)	
436	Acute but ill-defined cerebrovascular disease	
440	Atherosclerosis (includes all codes in series)	Peripheral
441	Aortic aneurysm (includes all codes in series) and dissection	Vascular
443	Other peripheral vascular disease (includes all codes in series)	Disease (PVD)
444	Arterial embolism and thrombosis (includes all codes in series)	
514	Pulmonary congestion and hypostasis	Heart Failure
518.4	Acute edema of lung, unspecified	(CHF)
798	Sudden death, cause unknown (includes all codes in series)**	
799	Other ill-defined and unknown causes of morbidity and mortality** (includes all codes in series)	Deceased
V68.0	Issue of medical certificate for cause of death**	

**Death Record Evaluation Form (*DEATHREC*) should be completed

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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

ICD-9 Procedure				
Code	Procedure	Category		
36.01				
36.02	Deroutonoous transluminal coronary angianlasty			
36.05	Percutaneous transluminal coronary angioplasty			
36.06				
36.1				
36.10				
36.11		Mycoordial		
36.12		Myocardial Infarction		
36.13	Coronary artery bypass graft	(MI)		
36.14	Coronary anory bypass grait			
36.15				
36.16				
36.17				
36.19				
37	Other operations on heart or pericardium			
37.2	Cardiac Catherization			
37.21	Right vessel	Myocardial		
37.22	Left vessel	Infarction		
37.23	Both vessels	(MI)		
38.10	Carotid Endarterectomy	Cerebrovascular		
38.13				
38.14				
38.15	Coronary endarterectomy			
38.16		Myseerdial		
38.18		Myocardial Infarction		
39.22		(MI)		
39.24		(INII)		
39.25	Coronary artery bypass graft with other than vein			
39.26				
39.28				



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CPT Code	Procedure	Category
24900		
25900		Peripheral
25927	Amputation of upper and lower limbs or digits	Vascular
26910		Disease (PVD)
27880		
33200		
33201		
33206		
33207		
33208		
33210		
33211		
33212	1	
33213	1	
33214	1	
33215	1	
33216		
33217	1	
33218	1	
33220		
33222	1	
33223	Insertion, repositioning, repair, or removal of pacemaker or defibrillator	
33224		
33225		
33226		Arrhythmias
33233		
33234	1	
33235	1	
33236	1	
33237		
33238		
33240		
33241		
33243]	
33244]	
33245		
33246		
33249		
33250		
33251	Electrophysiological operative procedures	
33253	(ablation or incisions/reconstruction of atria)	
33261		
33282	Implantation/removal of patient-activated event recorder	
33284		
33322	Suture repair of aorta or great vessels; with cardiopulmonary bypass	Peripheral
33335	Insertion of graft, aorta or great vessels; with cardiopulmonary bypass	Vascular Disease (PVD)



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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

CPT Code	Procedure	Category
33510		
33511		
33512		
33513	Coronary artery bypass with venous grafts	
33514	Coronary artery bypass with vehous graits	
33516		
33517		Myocardial
33518		Infarction
33519		(MI)
33521		(MII)
33522		
33523	Coronary artery bypass with venous and arterial grafts	
33533	Coronary artery bypass with vehous and arterial grans	
33534		
33535		
33536		
33572	Coronary endarterectomy	Cerebrovascular
33860	Ascending aorta graft, w/cardiopulmonary bypass, with or w/o valve suspension	
33870	Transverse arch graft, w/cardiopulmonary bypass, with or w/o valve suspension	
35301		
35311		
35321		
35331		
35341		
35351		
35355	Thromboendarterectomy	
35361		Peripheral
35363		Vascular
35371		Disease (PVD)
35372]	
35381		
35390		
35450		
35452		
35454	Transluminal balloon angioplasty	
35456	rransiuminal valioon anyiopiasiy	
35458		
35459		
35470		
35471		Mussardial
35472	Parautanagua translumingli garangru angigalagtu	Myocardial Infarction
35473	Percutaneous transluminal coronary angioplasty	(MI)
35474]	(1411)
35475		



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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

CPT Code	Procedure	Category
35511		
35516		
35518		
35521		
35531		
35533		Peripheral
35536	Bypass graft with vein	Vascular
35541		Disease (PVD)
35546		
35548		
35549		
35551		
35556		
35558		
35560		
35563	Bypass graft with vein	
35565		
35566		
35571		
35582		
35583	In situ vein bypass	
35585		
35587		
35612		
35616		Devintered
35621		Peripheral
35623		Vascular
35631		Disease (PVD)
35636		
35641		
35646	Bypass graft with other than yoin	
35650	Bypass graft with other than vein	
35651		
35654		
35656		
35661		
35663		
35665		
35666		
35671		
35700	Reoperation, femoral-popliteal or femoral (popliteal), anterior tibial, posterior tibial, peroneal artery or other distal vessels (>1 month after original operation)	
35879	Revision, lower extremity arterial bypass w/o thrombectomy; with vein patch angioplasty	Peripheral Vascular
75962		Disease (PVD)
75964	Transluminal balloon angioplasty; with radiological supervision and interpretation	Disease (PVD)
75966	Transiuminal parioon anyropiasty, with radiological supervision and interpretation	
75968		



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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

	CPT Code	Procedure	Category	
	92980	Transcatheter placement of intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel		
	92981	Transcatheter placement of intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel	Myocardial Infarction (MI)	
	92982	Percutaneous transluminal coronary angioplasty		
	92984	Perculaneous transiuminal coronary angioplasty		
	92986		Heart Failure	
	92987	Percutaneous balloon valvuloplasty	(CHF)	
	92990		(CHF)	
	92995	Percutaneous transluminal coronary atherectomy	Myocardial	
	92996		Infarction (MI)	
	93600			
	93602			
	93603			
	93609			
	93610			
	93612			
	93613			
ĽЦ	93615			
<u>⊢</u> Ц	93616			
	93618			
	93619			
	93620	Intracardiac electrophysiological procedures/studies (recordings, pacing,		
	93621	ablation, echocardiography)		
	93622			
	93623			
	93624			
	93631			
	93640			
	93641		Arrhythmias	
<u>⊢</u> <u>⊢</u> <u>⊢</u>	93642			
┝╞╡╴	93650			
┝╞╡╴	93652			
┝╞╡╴	93660			
┝╞╡╴	93662			
┝┝┥	93724			
┝╞╡╴	93727			
┠╠╴	93731			
	93732			
┝┝┥╴	93733			
┝╞┽╴	93734	Electronic analysis of pacemaker/defribrillator		
┠╞╡╴	93735 93736	Lieuronic analysis of pacemaker/demonifiator		
┝╞┽╴	93736			
┝╞┽╴	93740			
┠╞┤╴	93741			
┝╞┽╴	93742			
\vdash	93743			
	55777			



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ADMINISTRATIVE HOSPITAL RECORD EVALUATION

ICD-9 Code	Procedure	Category
V42.0*	Kidney transplant*	Renal Replacement Therapy
V49.7	Lower limb amputation	Peripheral Vascular Disease (PVD)

Obtain and copy relevant hospital records (as defined by the table on Page 10) and transfer to the SDCC. CVD and death related records must be de-identified.

7. Administrative Hospital Record Evaluation Summary:

- \square_1 No listed administrative codes (in item #6) were identified \square_2 One or more listed administrative codes (in item #6) were identified
- 7a. List all ICD-9/ICD-10 diagnosis and procedure codes (no CPT codes) in the order that they are recorded in the participant's administrative hospital records: (*Please include the decimal point.*)

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39
6	23	40
7	24	41
8	25	42
9	26	43
10	27	44
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

RENAL INSUR	Participant ID: Clinical Center:	Site:	Participant Initials: Visit Number:
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	ADMINISTRATIVE I	HOSPITAL RECO	
7b. List of Outco (Check all that (See Step 2 be additional inst	mes: \Box_1 Myocardia apply) \Box_1 Arrhythmia low for \Box_1 Cerebrova ructions) \Box_1 Heart Failure	al Infarction (MI) a ascular ure (CHF)	 Peripheral Vascular Disease (PVD) 1 Death 1 Renal Replacement Therapy* 1 None (Non-CVD)
	ney transplant is present, c provide medical records		e RRTPRIM or RRTFUP case report form.
	-		
Step 1: Perform 1 st • For quest section h • Page 8 h • On Page Step 2: Perform 2 nd • On Page Check of screen. • In order	has been turned off. is the last page in which y e 9, just select the "save" be entry on questions 1 thro e 9 , Question 7b will indicat if the appropriate outcomest to save 2 nd entry, you need e provide medical reco	bugh 7a (pages 1 the check off the CPT C you can go back to utton. Question 7b w bugh 7b (pages 1 the the appropriate out s highlighted on the C to select "yes" to the	codes when applicable. The ICD-9 code a previous page and change data. vill be completed during 2 nd entry only.

C RENAL INSUAL	Participant ID: Clinical Center:			Site:				Participant Initials: Visit Number:					
E CRICE													
COHORT STUDY	CRF Date:						I	RC ID:					
	ADMINISTRATIVE H	10	SPIT	AL	REC	0	RD EVAL	UATIC	N				
DMS tracking numbe	r:												
Admission Date:				Dis	charg	e D	ate:						
Date cardiac enzyme	s drawn:			Da	te EC	Зp	erformed:						
Date of Arrythmia eve	ent:			Da	te of C	Cere	ebrovascula	r event:					
MEDICA	L RECORDS	M	I	с	HF	A	rrhythmia	PVD	CVA/ ICH	C	eath	NON- CVD	
ED physician note]	Г		Г				Т			
Admission note			(a)		(c)		(d)						
Selected daily prog	ress notes]				(e)		(f)		
Discharge summary										T			
Cardiologist notes			(a)		(c)] (d)						
Neurologist notes													
Dialysis records (inc	luding flow sheets)												
All consultation note allied health professiona	es (including all physicians and]]			Γ			
	aging of head or neck	I		1		1				-			
CT scans or CT and										ТГ	7		
Magnetic resonance										╞	=		
Magnetic resonance										忭	5		
Angiograms											1		
Carotid ultrasound													
Procedures and ima	aging												
All procedures note	S												
Cardiac catheterizations													
Rhythm strips] (d)						
Electrocardiograms (ECG)] (b)] (d)						
Chest X-rays] (c)								
Pulmonary artery (S													
	lings (wedge pressure,			_	-								
cardiac index, etc.)] (c)					\vdash			
Peripheral vascular arteriogram or													

rule in or rule out MI and acute coronary syndrome (in the case of MI/ACS) (b) Copy ECGs from 48 hours before until 48 hours after event; also include admission ECG and last ECG prior to discharge

(c) Copy all progress notes, chest X-rays, and pulmonary artery catheterizations during first 48 hours of admission

(d) Copy all progress notes, ECGs, and rhythm/telemetry strips starting 48 hours before and ending 48 hours after the episode of arrhythmia (rhythm/telemetry strips should <u>only include</u> those that are pertinent to the arrhythmia)

(a) Copy all progress notes starting 48 hours before and ending 48 hours after the sets of cardiac enzymes and ECGs were performed to

(e) Copy all progress notes starting 48 hours before and ending 48 hours after the cerebrovascular event

(f) Copy all progress notes from 5 days prior to death and any post-death notations.

angioplasty Operative reports

Coronary artery bypass

Neurologic operations

Laboratory reports

Cardioverter or pacemaker implantation

Peripheral vascular amputations

