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 ( <b>ADMINEVAL</b> ) case report form
		allon generaled by the	Data Management System.
1. DMS tracking	I number:		
Please record DMS to	racking # on <b>EVENTS</b> cas	se report form	
		•	
	nts Questionnaire ( <b>EVEN</b> )		
			onnaire ( <i>EVENTS_ADMIN</i> ) at this visit?
$\square_1$ Yes			officiale ( <b>LVLINTS_ADIMIN</b> ) at this visit?
·	3, go to question #3a. If "		to question #A
·	· ·		·
3a. Hospitaliza for this eve		e participant in Medical	Event Questionnaire ( <b>EVENTS_ADMIN</b> )
Admissio	n/ (	mm/yyyy)	
Discharg	e/ (n	mm/yyyy)	
3b. Were you p	previously notified of this h	hospitalization?	
□ <sub>1</sub> Yes	D <sub>0</sub> N	lo	
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	tracking #	<u>STOP</u>
	ify and obtain hospital rec sults, etc. and/or adminis		ords i.e., discharge summary, progress
liotes, lab. re □₁ Yes			
·			action #4 STOD
·	4, go to question #4a and	<u></u>	esii011 #4, STOF.
	tion dates from hospital re		
	n/// e///		
Discharg	=//	( <i>mm/dd/yyyy</i> )	
	f hospital from administra <u>T</u> be entered into the DM		
5. Did you obtai	n administrative hospital	codes for this hospitaliz	zation?
□ <sub>1</sub> Yes	D <sub>0</sub> N	lo	
V16.3.20160330		Page 1 of 10	ADMINEVAL



**Clinical Center:** 

Participant Initials:

Site:

Visit Number:

CRF Date:

RC ID:

#### ADMINISTRATIVE HOSPITAL RECORD EVALUATION

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

 $\square_1$  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

V16.3.20160330



**Clinical Center:** 

Participant Initials:

Site:

Visit Number:

CRF Date:

RC ID:

# ADMINISTRATIVE HOSPITAL RECORD EVALUATION

ICD-9 Procedure			
Code	Procedure	Category	
36.01			
36.02	Deroutonoous transluminal coronary angionlasty		
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			





Participant Initials:

Clinical Center:

Site:

Visit Number:

CRF Date:

RC ID:

#### ADMINISTRATIVE HOSPITAL RECORD EVALUATION

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		
33213		
33214		
33215		
33216		
33217		
33218		
33220		
33222		
33223	Insertion, repositioning, repair, or removal of pacemaker or defibrillator	
33224	incontion, repeationing, repair, et remoral et pacemater et achemitater	
33225		
33226		Arrhythmias
33233		· · · · · <b>,</b> · · · · · · ·
33234		
33235		
33236		
33237		
33238	1	
33240	1	
33241	1	
33243	1	
33244	1	
33245		
33246	1	
33249		
33250		
33251	Electrophysiological operative procedures	
33253	(ablation or incisions/reconstruction of atria)	
33261		
33282	Implantation/removal of nations activated event recorder	
33284	Implantation/removal of patient-activated event recorder	
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)



**Clinical Center:** 

Participant Initials:

Site:

Visit Number:

CRF Date:

RC ID:

# 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		



**Clinical Center:** 

Participant Initials:

Site:

Visit Number:

CRF Date:

RC ID:

# 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		



**Clinical Center:** 

Participant Initials:

Site:

Visit Number:

CRF Date:

RC ID:

# 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		
	92986		Heart Failure
	92987	Percutaneous balloon valvuloplasty	(CHF)
	92990		
	92995	Percutaneous transluminal coronary atherectomy	Myocardial
	92996		Infarction (MI)
	93600		
	93602		
	93603		
	93609		
	93610		
	93612		
	93613		
	93615		
	93616		
	93618		
	93619		
	93620	Intracardiac electrophysiological procedures/studies (recordings, pacing,	
	93621	ablation, echocardiography)	
	93622		
	93623		
	93624		
	93631		
	93640		
	93641		Arrhythmias
	93642		
	93650		
$\square$	93652		
$\square$	93660		
	93662		
$\square$	93724		
$\square$	93727		
<u> </u>	93731		
<u> </u>	93732		
<u> </u>	93733		
<u>⊢</u> <u>⊢</u> <u>⊢</u>	93734		
$\square$	93735	Electronic analysis of pacemaker/defribrillator	
<u>⊢</u>	93736		
<u>    </u>	93740		
<u>⊢ ⊢</u>	93741		
	93742		
<b>⊢</b> <u>⊢</u> <u>⊢</u>	93743		
	93744		



**Clinical Center:** 

**Participant Initials:** 

Site:

Visit Number:

CRF Date:

RC ID:

#### 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 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	

C RENAL INSUA	Participant ID: Clinical Center:	Site:	Participant Initials: Visit Number:
COHORT STUDI	CRF Date:		RC ID:
	<b>ADMINISTRATIVE I</b>	HOSPITAL RECO	
7b. List of Outco (Check all that (See Step 2 bel additional instr	mes: $\Box_1$ Myocardia       apply) $\Box_1$ Arrhythmia       low for $\Box_1$ Cerebrova       ructions) $\Box_1$ Heart Fail	al Infarction (MI) a ascular ure (CHF)	$\square_1$ Peripheral Vascular Disease (PVD) $\square_1$ Death $\square_1$ Renal Replacement Therapy* $\square_1$ None (Non-CVD)
	ey transplant is present, c <i>provide medical records</i>		e RRTPRIM or RRTFUP case report form.
	-		
<ul> <li>Step 1: Perform 1<sup>st</sup></li> <li>For quest section h</li> <li>Page 8 i</li> <li>On Page</li> <li>Step 2: Perform 2<sup>nd</sup></li> <li>On Page Check of screen.</li> <li>In order to the section of the s</li></ul>	as been turned off. <b>s the last page in which</b> y 9, just select the "save" be <b>entry on questions 1 thr</b> 9, Question 7b will indicat if the appropriate outcomes to save 2 <sup>nd</sup> entry, you need <b>e provide medical reco</b>	bugh 7a (pages 1 thr check off the CPT C you can go back to a utton. Question 7b w bugh 7b (pages 1 th the the appropriate out s highlighted on the C to select "yes" to the	rodes when applicable. The ICD-9 code a previous page and change data. ill be completed during 2 <sup>nd</sup> entry only.
outcomes checke			

C RENAL INSUAL	Participant ID:								Participant Initials:						
CRICE	Clinical Center:			Site:				Visit Number:							
COHORT STUDI	CRF Date:						F	RC ID:							
	ADMINISTRATIVE H	10	SPIT	AL	REC	COF	RD EVAL	UATIC	DN						
DMS tracking numbe	r:														
Admission Date:				Dis	charg	e Da	ate:								
	s drawn:			Dat	e EC	Gре	erformed:								
Date of Arrythmia eve	ent:			Dat	e of C	ere	brovascula	r event:							
MEDICA	L RECORDS	м			HF		rrhythmia	PVD		VA/ H		eath	NON- CVD		
ED physician note	L RECORDS		1		]	A		FVD		<u>ה.</u> 			CVD		
Admission note			 ] (a)	┢	(c)	F	(d)			]		1			
Selected daily progress notes			]			F	]			] (e)		(f)			
Discharge summary			1		1		1			1		1			
Cardiologist notes			(a)		(c)		] (d)			-		-			
Neurologist notes					/		- ( )			]					
Dialysis records (inc	luding flow sheets)														
	es (including all physicians and		1		]		1			1		7			
allied health professiona					1		1								
	aging of <u>head</u> or <u>neck</u>			<u> </u>		<u> </u>				1		7	1		
CT scans or CT and												-			
Magnetic resonance	<u> </u>											1			
Magnetic resonance	e anglography									1		1			
Angiograms Carotid ultrasound						-				1		1			
Procedures and ima	aina														
All procedures note			1		1		7			1		1			
Cardiac catheterizations		╞╞═	1	┼╞	1		<u></u>			<u> </u>		<u>_</u>			
Rhythm strips			_		1	1 m	] (d)								
Electrocardiograms (ECG)			(b)			╎╞	] (d)					1			
			<u></u>	t-	1 ( - )		] ()								
Chest X-rays					(c)										
Pulmonary artery (Swan-Ganz) catheterization readings (wedge pressure,															
cardiac index, etc.)	mys (wenge piessuie,				(c)										
Peripheral vascular	arteriogram or				(•)										
angionlasty	-														

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

(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.

**Operative reports** 

Coronary artery bypass

Neurologic operations

Laboratory reports

Cardioverter or pacemaker implantation

Peripheral vascular amputations

