Frequent Hemodialysis Network CLINICAL CENTER HOSPITALIZATION FORM #303

Baseline: If a patient is hospitalized during baseline and it was identified that *the trial caused the hospitalization, then this Form 303 must be completed and entered along with a Form 308.*

Follow-Up: A Form 303 must be completed for all hospitalizations that required an overnight stay. A Form 308 must be completed and entered. Detailed documentation regarding the patient's hospitalization (i.e., discharge summaries, lab reports, etc.) must be submitted to the DCC within 6 weeks after the patient was discharged.

Follow-up Extension Study: A Form 303 must be completed for all hospitalizations that required an overnight stay for patients who consent to participate. In the Daily study, only hospitalizations that occurred during follow-up months F-12 through F-18. *In the Nocturnal study, all hospitalizations will be collected regardless of follow-up month?* All information regarding a patient's hospitalization and outcome should be detailed in Q15 since Form 308 is not completed (in the Extension Study only). Detailed documentation regarding the patient's hospitalization (i.e., discharge summaries, lab reports, etc.) should be submitted to the DCC. If no medical records are available, the PI should write a detailed summary letter for use by the Outcomes Committee.

Recall that hospitalizations for transplants will be reviewed by the Outcomes Committee but no other hospitalizations after the transplant are to be submitted. This also applies to patients who switch to peritoneal dialysis (PD) or regained kidney function.

<u></u>	1. Participant ID #			2	. Alph		3. D	ate of	f hosp	ital ac	lmissi	on: d	d/mor	1/уууу	7	

- 6. Billing category for economic analyses.....____
 - 01 = Diseases & disorders of the nervous system
 - 02 = Diseases & disorders of the eye
 - 03 = Diseases & disorders of the ear / nose / mouth & throat
 - 04 = Diseases & disorders of the respiratory system
 - 05 = Diseases & disorders of the circulatory system
 - 06 = Diseases & disorders of the digestive system
 - 07 = Diseases & disorders of the hepatobiliary system & pancreas
 - 08 = Diseases & disorders of the musculoskeletal system & connective tissue
 - 09 = Diseases & disorders of the skin / subcutaneous tissue & breast
 - 10 = Endocrine / nutritional & metabolic diseases & disorders
 - 11 = Diseases & disorders of the kidney & urinary tract
 - 12 = Diseases & disorders of the male reproductive system
 - 13 = Diseases & disorders of the female reproductive system

Continued on next page...

Rev	ision of 10/SEPT/2010	PID:	Date:	/_		Form #303 Page 2 of 13
	14 = Pregnancy / child 15 = Newborns & othe 16 = Diseases & disordary 17 = Myeloproliferativa 18 = Infectious & para 19 = Mental diseases & 20 = Alcohol/drug use 21 = Injuries / poisona 22 = Burns 23 = Factors influencia 24 = Multiple signification	er neonates we ders of blood we diseases & sitic diseases & disorders & alcohol/dings & toxic ang health statent trauma	with condition original / blood forming condition disorders / poor s / systemic or unurug induced organeffects of drugs	organs ly diffe specif nic me	s / immunol erentiated n ied sites ental disorde	ogical disorder eoplasm ers
7.a.	Did the patient have a si (0=No, 1=Yes, 9=Unkn					
b	. Was this an access-rela	ted surgical	procedure (0=No	, 1=Ye	es)?	
Acc 8.	ess Related Issues Access Hospitalization 1=This was a "Non-Acc 2=Admitted for an acce complications 3=Admitted for an acce	<u>cess</u> hospitali ss problem, '	zation" - admitte 'Access hospitali	d for a zation	problem ur without no	nrelated to access on-access
	complications that we 4=This was an "Access due to access problem	ere <u>not</u> due to hospitalizati	o access problem	S.		
9.	Was access repair or rei Code 0=No, 1=Yes, con	-				
10.	Was a new access place Code 0=No, 1=Yes, con					
	rdiovascular Disease (Co a. Was there new onset				ischemic he	art disease?
	b. Was there new onset (left ventricular d					
	c. Was there a myocard	lial infarction	1?		•••••	····· <u> </u>
	d. Was there new onset	of or worse	ning arrhythmias	?		
	e. Was there new onset (Note - if any of a		_			

Hos	pitalization for Infection (Code 0=No, 1=Yes)
12.	a. Was there bacteremia or sepsis?
	b. Was there organ or deep tissue infection (serious)?
	(Note – if either of the above are true, this was an infection hospitalization)
Pati	ent Status
13.	a. Current status of patient
13.	b. If item 13a = 3 or 4, date of discharge (dd/mon/yyyy)//
14.	If you know the DRG for this hospitalization, record it here:(Use 999 if unknown)
15.	Required: Comments. (For patients still in the trial follow-up period, Write in as much as you wish. For patients in the Follow-up Extension study, please provide detailed text as no Form 308 is required. Use back of sheet if necessary. Key enter text.)
200	
200.	Date this form completed (dd/mmm/yyyy)
201.	Username of person completing this form
	Clinical Center Use Only: Username of person entering this form:
203.	Date Entered: (dd/mmm/yyyy)//
For I	OCC Use Only:
204.	a. Falls outside of Ext. Follow-up Study reporting period (1=Yes) b. Date DCC reviewed://

FHN STUDY: Hospitalizations - Code List of Diagnoses and Procedures (For Form 303, Q4 & 5)

Coding Instructions: When parentheses (_) are next to the code, you need to add one of the

following: 1 = New, 2 = Worsening, 3 = Not a new condition

Note: A terminal code of 0 indicates a procedure and cannot be used as a

primary reason code in Q4.

An asterisk (*) indicates that the disease or condition is also classified as an "infection outcome".

1. ISCHEMIC HEART DISEASE (IHD)

Also see category: coronary heart disease (CHD) or coronary artery disease (CAD)

01AA(_) Chest pain of non-cardiac or unclear etiology (R/O MI admission)

01AB(_) CAD

01AC(_) Angina

01AD0 Bypass surgery (CABG) 01AE0 Coronary angiographies

01AF0 Coronary angioplasty (PTCA) or atherectomy

01AG Myocardial infarction (acute)(MI)

01AH Cardiac arrest

2. **CONGESTIVE HEART FAILURE (CHF)**

02AA(_) CHF

02AB(_) CHF due to volume overload 02AC(_) Pulmonary edema (cardiogenic)

02AD() Pleural effusion(s)

02AE0 Thoracentesis (diagnostic or therapeutic)

02AF Cardiogenic shock

3. ARRHYTHMIAS AND CONDUCTION PROBLEMS

O3AA(_) Syncope (also presyncope and syncopal episode)

03AB(_) Atrial fibrillation

03AC(_) Ventricular tachycardia

03AD(_) Supraventricular tachycardia

03AE(_) Sick sinus (tachy-brady) syndrome

03AF(_) Atrioventricular conduction block

03AG(_) Hyperkalemia

O3AH() Other new or other arrhythmia and conduction problem

03AI0 Cardioversion

03AJ0 Electrophysiologic studies (EPS)

03AK0 Pacemaker placement

03AL0 Pacemaker malfunction/repair

03AM0 Implantable cardioverter-defibrillator (ICD)

^{*}Disease or condition is also classified as an "infection outcome".

4. OTHER HEART DISEASES AND CONDITIONS (OHD)

)4AA(_)	Pericarditis
)4AB(_)	Endocarditis
)4AC(_)	Myocarditis
)4AD(_)	Cardiomyopathy (without IHD or CHF)
)4AE(_)	Pericardial effusion
)4AF(_)	Aortic valve stenosis or insufficiency
)4AG(_)	Mitral valve stenosis, regurgitation, or prolapse
)4AH(_)	Other valve defect
)4AI(_)	Other heart condition
)4AJ(_)	Cardiac tamponade
)4AK0	Pericardiocentesis
)4AL0	Aortic valve replacement
)4AM0	Mitral valve replacement
)4AN0	Balloon valvuloplasty
)4AP0	Pericardial Window

5. **HYPERTENSION (HTN) / HYPOTENSION**

05AA(_) Hypertensive crisis or accelerated HTN

05AB(_) Hypotensive crisis or accelerated hypotension

6. CEREBRAL VASCULAR DISEASE (CVD)

06AA(_)	Transient ischemic attack (TIA)
06AB(_)	Cerebral vascular accident (CVA)
06AC(_)	Carotid artery stenosis
06AD(_)	Cerebral artery aneurysm
06AE(_)	Subarachnoid or cerebral hemorrhage
06AF(_)	Other CVD condition
06AG0	Carotid endarterectomy (CEA)
06AH0	Carotid angiogram

7. PERIPHERAL VASCULAR DISEASE (PVD)

07AA(_)	Deep vein thrombosis (DVT)
07AB(_)	Pulmonary embolism
07AC(_)	Peripheral vascular disease
07AD(_)	Ischemic foot ulcers
07AE(_)	Gangrene of toes or foot*
07AF(_)	Abdominal aortic aneurysm (AAA)
07AG(_)	Thoracic aortic aneurysm (TAA)

^{*}Disease or condition is also classified as an "infection outcome".

07AH(_)	Hemorrhage from ruptured vascular aneurysm
07AI(_)	Aortic aneurysm (not specified)
07AJ(_)	Other aneurysm
07AK(_)	Mesenteric ischemia or infarction (ischemic bowel)
07AL(_)	Cellulitis (non-access related)*
07AM(_)	Gangrene with septicemia-shock due to PVD
07AN(_)	Other condition due to PVD or other disorder of arteries
07AO(_)	Polyarteritis nodosa and other arteritides
07AP	Arterial embolism
07AQ0	AAA repair
07AR0	TAA repair
07AS0	Angioplasty for PVD
07AT0	Bypass graft for PVD
07AW0	Amputation site: toe(s) ⁺
07AX0	Amputation site: transmetatarsal ⁺
07BA0	Left below the knee amputation ⁺
07BB0	Right below the knee amputation ⁺
07BC0	Left above the knee amputation ⁺
07BD0	Right above the knee amputation ⁺
	⁺ Be sure to complete Form 202 for any amputation

8. DIABETES MELLITUS (DM) AND ENDOCRINE DISORDERS

08AA(_)	Diabetic foot infection*
08AB(_)	Gangrene of foot or toes (absence of PVD)*
08AC(_)	Hypothyroidism
08AD(_)	Other disorders of thyroid gland
08AE	Diabetes with ketoacidosis
08AF	Diabetes with hyperosmolar state or coma
08AG	Hypoglycemic coma
08AH0	Pancreatic transplant
08AI(_)	Other endocrine disorder
08AJ	Onset of diabetes
08AK0	Parathyroidectomy
08AL(_)	Hyperparathyroidism
08AM(_)	Hypoparathyroidism
08AN(_)	Other calcium-phosphorus disorder
08AO(_)	Hyperglycemia
08AP(_)	Diabetic foot ulcer
08AQ(_)	Hypoglycemia (without coma)

9. **RESPIRATORY DISEASES**

09AA(_) Asthma 09AB(_) COPD

^{*}Disease or condition is also classified as an "infection outcome".

09AC(_)	Bronchitis
09AD(_)	Pneumothorax
09AE(_)	Empyema*
09AF(_)	Lung abscess*
09AG(_)	Pulmonary TB*
09AH(_)	Respiratory failure not requiring intubation and mechanical ventilation
09AI(_)	Respiratory failure requiring intubation and mechanical ventilation
09AJ(_)	Adult Respiratory Distress Syndrome (ARDS)
09AK	Respiratory failure of unknown cause
09AL(_)	Other respiratory disease
09AM(_)	Pulmonary hemorrhage
09AN(_)	Pneumonia (nosocomial)*
09AO(_)	Pneumonia (community acquired)*
09AP(_)	Pneumonia-sepsis*
09AQ(_)	Pneumonia (bacterial)*
09AR(_)	Pneumonia (fungal)*
09AS(_)	Pneumonia (viral)*
09AT(_)	Pneumocystis pneumonia*
09AU(_)	Aspiration pneumonia*
09AV(_)	Pneumonia (unspecified pathogen)*
09AW0	Open lung biopsy
09AX0	Lung lobectomy
09AY(_)	Upper respiratory tract disorders (including dyspnea, shortness of breath)
09AZ0	ENT procedures
09BA	Angioedema
09BB	Acute epiglottitis

10. MALIGNANCY

10AA(_)	Hematologic malignancy (AML, ALL, CLL)
10AB(_)	Lymphoma (unspecified)
10AC(_)	Hodgkin's lymphoma
10AD(_)	Non-Hodgkin's lymphoma
10AE(_)	Multiple myeloma
10AF(_)	Colon cancer
10AG(_)	Breast cancer
10AH(_)	Prostatic cancer
10AI(_)	Ovarian cancer
10AJ(_)	Lung cancer
10AK(_)	Gastric cancer
10AL(_)	Pancreatic cancer
10AM(_)	Thyroid cancer
10AN(_)	Cervical cancer
10AO(_)	Endometrial cancer
10AP(_)	Primary cancer of liver

^{*}Disease or condition is also classified as an "infection outcome".

10AQ(_)	Head and neck squamous cell carcinoma
10AR(_)	Testicular cancer
10AS(_)	Renal cancer
10AT(_)	Bladder cancer
10AU(_)	Melanoma
10AV(_)	Other skin cancer
10AW(_)	Other malignancy or neoplasia
10AX(_)	Metastatic carcinoma unknown primary
10AY(_)	Complication(s) of pre-admission diagnosed cancer
10BA0	Diagnosis: surgical biopsy
10BB0	Other biopsy procedure
10BC0	Other diagnostic procedure
10BD0	Treatment: radiation therapy
10BE0	chemotherapy
10BF0	surgical excision
10BG0	other treatment
10BH0	Mastectomy (subtotal or total)
10BI0	Hysterectomy
11 1100 4	TODII IA DV DICE A CE
	TOBILIARY DISEASE
11AA(_)	Hepatitis B
11AB(_)	Hepatitis C
11AC(_)	Toxic/drug-induced hepatitis
11AD(_)	Hepatitis (other; unknown cause)

11AD(_) 11AE() Cirrhosis

11**A**F(_) Ascites Portal hypertension or esophageal varices

11AG(_) Variceal bleed 11AH(_)

Hepatic failure/severe dysfunction 11AI(_)

Cholecystitis/cholangitis* 11AJ(_) Other hepatobiliary disease 11AK(_)

11AL(_) Biliary sepsis* Cholecystectomy 11AM0 Liver transplant 11AN0 11AO0 Shunt procedure

11AP0 Paracentesis (diagnostic or therapeutic)

12. MUSCULOSKELETAL AND CONNECTIVE TISSUE DISEASES

12AA(_) Gout

12AB(_) Wegener's granulomatosis

Systemic vasculitis 12AC(_)

Systemic Lupus Erythematosus (SLE) 12AD(_)

12AE(_) Avascular necrosis

Osteomyelitis* 12AF()

^{*}Disease or condition is also classified as an "infection outcome".

12AG(_)	Septic arthritis*
12AH(_)	Back problems
12AI(_)	Other musculoskeletal or connective tissue disease
12AJ(_)	Bone fracture
12AK0	Carpal tunnel surgery
12AL0	Arthroscopy
12AM0	Hip replacement
12AN0	Knee replacement
12AO0	Knee procedures (other than replacement)
12AP0	Internal fixation or surgical reduction of bone fracture
12AQ0	Other orthopedic surgery
12AR0	Back and/or neck procedure
12AS(_)	Musculoskeletal pain
12AT0	Orthopedic related rehabilitation

13. GASTROINTESTINAL CONDITIONS (GI)

13AA(_)	Upper GI bleed
13AB(_)	Lower GI bleed
13AC(_)	GI bleeding, site unknown
13AD(_)	Peptic/duodenal ulcer disease
13AE(_)	Gastritis
13AF(_)	Reflux esophagitis (with or without hiatal hernia)
13AG(_)	Diverticulitis*
13AH(_)	Colonic polyps
13AI(_)	Ulcerative colitis (UC)
13AJ(_)	Enteritis (Crohn's disease)
13AK(_)	Septicemia due to peritonitis*
13AL(_)	Pancreatitis
13AM(_)	Necrotizing enterocolitis*
13AN(_)	C. difficile associated enterocolitis*
13AO(_)	Peritonitis*
13AP(_)	Fungal peritonitis*
13AQ(_)	Appendicitis*
13AR(_)	Ischemic bowel
13AS(_)	Intra-abdominal abscess*
13AT(_)	Abdominal pain, cause unknown
13AU(_)	Malabsorption
13AV(_)	Perforated viscus (peptic ulcer or bowel)*
13AX(_)	Gastroparesis
13BA0	Colectomy (partial or total)
13BB0	Gastrectomy
13BC0	Colostomy or ileostomy
13BD0	Gastrostomy/enterostomy
13BE0	Appendectomy

^{*}Disease or condition is also classified as an "infection outcome".

Laparotomy

13BF0

13010	Laparotomy
13BG0	Other GI procedure
13BH(_)	Other GI Condition
	VASCULAR NERVOUS SYSTEM DISEASES
14AA(_)	Mental status change (acute)
14AB(_)	Seizure disorder
14AC(_)	Disequilibrium - syndrome
14AD(_)	Coma-stupor (traumatic cause)
14AE(_)	Coma-stupor (toxic-drug induced)
14AF(_)	Coma-stupor (metabolic cause, non-diabetic)
14AG(_)	Coma-stupor (anoxic encephalopathy)
14AH(_)	Coma-stupor (other unknown cause)
14AI(_)	Alcohol non-accidental
14AJ(_)	Drug overdose
14AK(_)	Head trauma
14AL(_)	Parkinson's disease
14AM(_)	Multiple sclerosis
14AN(_)	Subdural or epidural hematoma
14AO(_)	Depression
14AP(_)	Nervous system neoplasm
14AQ(_)	Alcohol/drug abuse related (detoxification included)
14AR(_)	Other psychiatric or mental disorder
14AS(_)	Viral meningitis*
14AT(_)	Meningitis (non-viral)
14AU(_)	Other CNS infection*
14AV(_)	Ataxia
14AW(_)	Cranial or peripheral nerve disorder
14AX(_)	Other nonvascular nervous system condition
14AY(_)	Suicide attempt
14AZ(_)	Neuropic pain in extremity

15. URINARY TRACT CONDITIONS/RENAL CONDITIONS

15AA(_)	Urinary tract infection requiring antibiotics*
15AB(_)	Nephrolithiasis
15AC(_)	Benign prostatic hypertrophy (BPH)
15AD(_)	Prostatitis
15AE(_)	Orchitis
15AF(_)	Cystic kidney disease (PKD or acquired)
15AG(_)	Cyst-related hemorrhage
15AH(_)	Cyst-related infection
15AI(_)	Urinary tract hemorrhage
15AJ0	Nephrectomy unilateral

^{*}Disease or condition is also classified as an "infection outcome".

15AK0	Nephrectomy bilateral
15AL0	Prostatectomy (radical)
15AM0	Transurethral prostatectomy (TURP)
15AN0	Other transurethral procedures (cystoscopy included)
15AO0	Other urologic procedure
15AP(_)	Hematuria
15AQ0	Kidney transplant
15AR(_)	Acute transplant rejection
15AS(_)	Renal failure
15AT(_)	Uremia/acute renal insufficiency
15AU	Evaluation for transplant
15AV(_)	Urinary retention
15AW(_)	Chronic transplant rejection

16. **HIV/AIDS**

16AA(_)	AIDS-related infection*
16AB(_)	Other AIDS-related condition (non-infection)
16AC(_)	HIV positive

17. **OPHTHALMOLOGIC CONDITIONS**

17AA(_)	Retinal or vitreous hemorrhage
17AB(_)	Endophthalmitis*
17AC(_)	Other disorder of the eye
17AD0	Iris or lens procedure (cataract surgery included)
17AG0	Orbital procedure (vitrectomy included)
17AH0	Retina procedure (laser surgery included)
17AI0	Other ophthalmologic procedure

18. **INFECTIONS**

18AA(_)	Abscess (lung, empyema, intra-abdominal, brain, soft tissuenot access-related)*
18AB(_)	Miliary TB*
18AC(_)	Extrapulmonary TB*
18AD(_)	Disseminated candidiasis*
18AE(_)	Other fungal infection**
18AF(_)	Viral infection (including CMV)*
18AG(_)	Other viral infection (not hepatitis)*
18AH(_)	Protozoan or parasitic infection (not PCP)*
18AI(_)	Other infection (not recorded in previous category)*
18AJ(_)	Septic shock*
18AK(_)	Bacteremia (known source, not access-related)*
18AL(_)	Bacteremia (unknown source, not access-related)*
18AM(_)	Bacteremia (known source, access-related)*

^{*}Disease or condition is also classified as an "infection outcome".

Bacteremia (unknown source, access-related)* 18AN()

18AO(_) Fever of unknown origin*

19. NON-MALIGNANT HEMATOLOGIC CONDITIONS

19AA() Coagulation disorders Thrombocytopenia (secondary) 19AB(_) Thrombocytopenia (idiopathic) 19AC() 19AD(_) Disseminated Intravascular Coagulation (DIC) Other consumption coagulopathy 19AE(_) 19AF(_) Thrombotic thrombocytopenic purpura (TTP) and hemolytic uremic syndrome (HUS) Other, including peripheral hematoma 19AG(_) 19AH(_) Anemia 19AI Monitor anticoagulation status for elective surgery (ie., dental)

HEMODIALYSIS VASCULAR ACCESS COMPLICATIONS 20.

20AA0	Elective surgical access repair
20AB(_)	Soft tissue infection, cellulitis, abscess (access related)*
20AC(_)	Bacteremia or sepsis, access related*
20AD(_)	Clotted access
20AE(_)	Venous thrombosis, access related
20AF(_)	Arterial thrombosis or embolism, access related
20AG(_)	Steal syndrome, limb ischemia, access related
20AH(_)	Hemorrhage from vascular access
20AI(_)	Nerve entrapment, access related
20AJ0	Fistulogram, arteriogram, or other invasive imaging procedure
20AK0	Access declotting procedure
20AL0	Angioplasty or stent placement for vascular access
20AM0	Non-elective surgical access repair
20AN0	Temporary access placement
20AO(_)	Pneumothorax, hemothorax as result of temporary access placement
20AP(_)	Subclavian vein stenosis as result of temporary access
20AQ0	New access creation (AV-fistula)
20AR0	New access placement (AV-graft)
20AS(_)	Other access-related condition
20AT0	Other access-related procedure
20AU(_)	New vascular access needed
20AV0	New perm-cath placement

21. OTHER HEMODIALYSIS COMPLICATIONS

21AA(_) Uremia

21AB(_) Hemorrhage from dialysis circuit

Air embolism 21AC(_)

^{*}Disease or condition is also classified as an "infection outcome".

21AD(_)	Anaphylaxis, treatment related
21AE(_)	Hemolysis, treatment related
21AF(_)	Electrolyte and acid-base disorder (other than hyperkalemia),
	treatment related
21AG(_)	Dialysis-induced hypotension
21AH(_)	Other accident related to treatment
21AI(_)	Febrile reaction, not infection
21AJ0	Start of hemodialysis
21AK	Withdrawal from dialysis

22. OTHER SURGICAL PROCEDURES

22AA(_)	Trauma
22AB(_)	Major hemorrhage (not GI or pulmonary)
22AC(_)	Hemorrhagic shock
22AD0	Skin graft/skin ulcer debridement
22AE0	Hernia procedure
22AF0	Other elective surgery procedure
22AG0	Removal of benign tumor
22AH0	Elective dental surgical procedure

23. OTHER

23AA(_)	Other hemorrhage
23AB(_)	Other trauma
23AC(_)	Drug overdose (accidental)
23AD	Accident unrelated to treatment
23AE	Drug reaction (anaphylaxis)
23AF	Drug reaction (not anaphylaxis, not overdose)
23AG	Other electrolyte/acid-base disorder, not treatment related
23AH	Cachexia
23AI	Morbid Obesity
23AJ	Gynecologic or Obstetric condition

24. UNKNOWN

24AA Unknown reason for hospitalization

++++If you have a condition not found on this listing, please contact the DCC (fhn-dcc@bio.ri.ccf.org) for a new code+++++

^{*}Disease or condition is also classified as an "infection outcome".