

- 14 = Pregnancy / childbirth & the puerperium
- 15 = Newborns & other neonates with condition originating in perinatal period
- 16 = Diseases & disorders of blood / blood forming organs / immunological disorder
- 17 = Myeloproliferative diseases & disorders / poorly differentiated neoplasm
- 18 = Infectious & parasitic diseases / systemic or unspecified sites
- 19 = Mental diseases & disorders
- 20 = Alcohol/drug use & alcohol/drug induced organic mental disorders
- 21 = Injuries / poisonings & toxic effects of drugs
- 22 = Burns
- 23 = Factors influencing health stat & other contacts with health services
- 24 = Multiple significant trauma
- 25 = Human immunodeficiency virus infections

- 7.a. Did the patient have a surgical procedure done during this hospitalization?
(0=No, 1=Yes, 9=Unknown)
- b. Was this an access-related surgical procedure (0=No, 1=Yes)?

Access Related Issues

- 8. Access Hospitalization Status:.....
 - 1=This was a "Non-Access hospitalization" - admitted for a problem unrelated to access
 - 2=Admitted for an access problem, "Access hospitalization" without non-access complications
 - 3=Admitted for an access problem, "Access hospitalization" with non-access complications that were not due to access problems.
 - 4=This was an "Access hospitalization" with non-access complications that were due to access problems.
- 9. Was access repair or removal required?
Code 0=No, 1=Yes, complete the Access Procedure/Removal form 276.
- 10. Was a new access placed?.....
Code 0=No, 1=Yes, complete New Access Placement Form 278.

Cardiovascular Disease (Code 0=No, 1=Yes, 9=Unknown)

- 11. a. Was there new onset of or worsening angina pectoris or ischemic heart disease?
- b. Was there new onset of or worsening congestive heart failure
(left ventricular dysfunction)?.....
- c. Was there a myocardial infarction?.....
- d. Was there new onset of or worsening arrhythmias?
- e. Was there new onset of or worsening other heart disease (exclude pericarditis)
(Note - if any of the above are true, this was a cardiovascular hospitalization)

Hospitalization 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)

Patient Status

- 13. a. Current status of patient
1=Still in hospital (only use this option if several weeks have elapsed)
2=Died, complete Forms 305 and 306
3=Discharged to be admitted to rehab, a nursing home or other facility
4=Discharged to home

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. Date this form completed (dd/mmm/yyyy)..... _ _ / _ _ _ _ / _ _ _ _

201. Username of person completing this form..... _ _ _ _ _

For Clinical Center Use Only:

202. Username of person entering this form: _ _ _ _ _

203. Date Entered: (dd/mmm/yyyy) _ _ / _ _ _ _ / _ _ _ _

For DCC Use Only:

204. a. Falls outside of Ext. Follow-up Study reporting period (1=Yes) _

b. Date DCC reviewed: _ _ / _ _ _ _ / _ _ _ _

See Q4 & Q5 category codes starting on the next page.

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

03AA()	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
03AH()	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)

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

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

4. OTHER HEART DISEASES AND CONDITIONS (OHD)

04AA(_)	Pericarditis
04AB(_)	Endocarditis
04AC(_)	Myocarditis
04AD(_)	Cardiomyopathy (without IHD or CHF)
04AE(_)	Pericardial effusion
04AF(_)	Aortic valve stenosis or insufficiency
04AG(_)	Mitral valve stenosis, regurgitation, or prolapse
04AH(_)	Other valve defect
04AI(_)	Other heart condition
04AJ(_)	Cardiac tamponade
04AK0	Pericardiocentesis
04AL0	Aortic valve replacement
04AM0	Mitral valve replacement
04AN0	Balloon valvuloplasty
04AP0	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)

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

*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

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

*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

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

*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(_)	<i>C. difficile</i> 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

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

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

13BF0 Laparotomy
 13BG0 Other GI procedure
 13BH() Other GI Condition

14. NONVASCULAR 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

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

*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 tissue--not 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)*

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

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

- 18AN() Bacteremia (unknown source, access-related)*
18AO() Fever of unknown origin*

19. NON-MALIGNANT HEMATOLOGIC CONDITIONS

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

20. HEMODIALYSIS VASCULAR ACCESS COMPLICATIONS

- 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
21AC() Air embolism

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

*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++++

When parentheses () are next to the code, you need to add one of the following: 1 = New, 2 = Worsening, 3 = Not a new condition

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