CHAPTER 6B  ICD-10-CM Coding

ASSIGNMENT 6B.1  ICD-9-CM Legacy Coding System: Interpreting General Equivalency Mappings

<table>
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ASSIGNMENT 6B.2  Overview of ICD-10-CM: Comparing ICD-10-CM to ICD-9-CM

<table>
<thead>
<tr>
<th>ICD-9-CM Code</th>
<th>ICD-10-CM Code</th>
<th>Description</th>
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<tr>
<td>996.1</td>
<td>T82.310</td>
<td>Mechanical breakdown of aortic graft (replacement)</td>
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<td>996.1</td>
<td>T82.311</td>
<td>Mechanical breakdown of carotid arterial bypass graft</td>
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<td>T82.312</td>
<td>Mechanical breakdown of femoral arterial bypass graft</td>
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<td>996.1</td>
<td>T82.318</td>
<td>Mechanical breakdown of other vascular grafts</td>
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<tr>
<td>996.1</td>
<td>T82.319</td>
<td>Mechanical breakdown of unspecified vascular grafts</td>
</tr>
</tbody>
</table>

ASSIGNMENT 6B.3  ICD-10-CM Coding Conventions

Format

1. C46.52  Kaposi’s sarcoma, left lung
2. D50.0   Chronic blood loss anemia
3. H40.211 Acute narrow angle glaucoma, right eye
4. P52.5   Subarachnoid hematoma (newborn)
5. N17.1   Acute cortical necrosis, left kidney

Eponyms

6. E54     Barlow’s disease
7. D67     Christmas disease
8. F45.8   DaCosta’s syndrome
9. H35.069 Eale’s disease
10. D50.9  Faber’s syndrome

NEC and NOS Abbreviations

11. A04.9  Bacterial enteritis
12. D64.9  Anemia
13. M48.8×9 Nonsyphilitic neurogenic spondylopathy
14. K73.8  Chronic granulomatous hepatitis
15. H04.121 Dry eye syndrome of right lacrimal gland

Punctuation

16. F44.4  Abasia
17. E85.4; I43 Amyloidosis, heart
18. H33.011 Detachment of retina with retinal break, right eye
19. A52.17  Taboparesis
20. E05.91; I43 Thyrotoxic heart disease with thyroid storm
Includes, Excludes1, Excludes2, and Inclusion Terms

21. I81; K75.1 Portal vein thrombosis and phlebitis of portal vein
22. J89.0 Secondary lymphedema
23. J02.0 Acute sore throat due to streptococcus
24. J04.0 Acute subglottic laryngitis
25. K00.0 Oligodontia

Other, Other Specified, and Unspecified

26. M79.89 Polyalgia
27. K83.8 Bile duct adhesions
28. M10.9 Gout
29. K14.8 Hypertrophic tongue
30. I87.8 Venofibrosis

And, Due to, With

31. J85.3 Abscess of mediastinum
32. A67.2 Vitiligo due to pinta
33. R50.9 Fever with chills
34. L02.229 Furuncle of trunk
35. A42.0 Pneumonia due to pulmonary actinomycosis

Cross References: See, See Also, See Category, See Condition

36. H30.92 Retinitis, left eye
37. I38 Chronic valvulitis
38. K00.1 Duplication of teeth
39. M27.2 Acute osteitis of jaw
40. S67.01xA Injury of right thumb, crushing (initial encounter)
41. H61.891 Fistula of right external ear canal
42. I35.8 Aortic valve aneurysm
43. T23.401A Corrosive burn of right hand (initial encounter)
44. K29.40 Gastric atrophia
45. A83.3 Type C cephalitis

ASSIGNMENT 6B.4 ICD-10-CM Index to Diseases and Injuries

Identifying Main Terms and Assigning Codes

1. B02.9 Herpes zoster
2. G20 Parkinson's disease
3. J32.0 Maxillary sinusitis
4. J11.00 Pneumonia with influenza
5. K44.9 Hiatal hernia
6. N34.0 Skene's gland abscess
7. L23.3 Skin eruption due to chemical product
8. L53.9 Infectional erythema
9. Q69.0 Polydactyly of fingers
10. S05.90xA Blindness due to injury, initial encounter
Neoplasm Table
11. C09.9 Carcinoma of right palatine tonsil (Neoplasm Table)
12. C56.9; C78.7 Metastatic ovarian cancer to the liver (Neoplasm Table)
13. C16.9 Stomach cancer (Neoplasm Table)
14. D17.21 Lipoma of muscle, right forearm
15. C40.22 Osteosarcoma, left femoral head (Neoplasm Table)
16. Q85.00 Neurofibromatosis
17. C81.90 Hodgkin’s sarcoma
18. C91.10 Chronic lymphocytic leukemia of B-cell type
19. C83.32 Reticulosarcoma of intrathoracic lymph nodes
20. C21.8 Adenocarcinoma of rectum and anus (Neoplasm Table)

Table of Drugs and Chemicals
21. T45.0x5A Allergic reaction to Benadryl (Table of Drugs and Chemicals)
22. T61.781A Accidental food poisoning from lobster (food, shellfish) (Table of Drugs and Chemicals)
23. T65.891A Accidental poisoning from ingesting toilet deodorizer (Table of Drugs and Chemicals)
24. T39.1x5A Adverse effect of acetaminophen (Table of Drugs and Chemicals)
25. T42.6x2A Suicide attempt, Ambien (Table of Drugs and Chemicals)
26. T38.0x1A Accidental overdose of Prednisone (Table of Drugs and Chemicals)
27. T36.0x5A; L27.0 Rash due to therapeutic use of penicillin (Table of Drugs and Chemicals)
28. E04.9; T38.1x6A Underdosing of Synthroid in patient with enlarged thyroid (Table of Drugs and Chemicals)
29. T42.6x1A; R42 Dizziness due to accidental overdose of Valerian tincture (Table of Drugs and Chemicals)
30. T58.92xA Suicide attempt due to carbon monoxide poisoning (Table of Drugs and Chemicals)

Index to External Causes of Injuries
31. X58.xxxA Patient suffered mental cruelty (Index to External Causes of Injuries)
32. V86.92xA Snowmobile occupant injured in nontraffic accident
33. W94.11xA Altitude sickness
34. Y04.0xxA; Y90.4 Patient participated in a brawl, and blood alcohol level was 85 mg/100 ml
35. Y35.91xA Law enforcement officer injured during administration of capital punishment
36. W49.04xA Patient’s wedding band constricted ring finger, left hand
37. X34.xxxA Patient injured in earthquake
38. W13.4xxA Patient fell out of window and sustained minor injuries
39. W29.4xxA Patient was using nail gun and nailed hand to roof
40. E46; Y92.89 Malnourished adolescent was living in an abandoned house (Place of occurrence)
ASSIGNMENT 6B.5 ICD-10-CM Tabular List of Diseases and Injuries

Multiple Coding and Combination Coding

1. H01.8; B85.0 Parasitic infestation of eyelid due to pediculus capitis
2. B05.0 Post-infectious encephalitis due to measles (20 years ago)
3. E05.90; G99.0 Peripheral neuropathy in hyperthyroidism
4. E75.21 Cerebral degeneration due to Fabry’s disease
5. G71.19; H28 Myotonic cataract due to Thomsen’s disease
6. H10.31; H10.401 Acute and chronic conjunctivitis, right eye
7. H02.64; E78.6 Xanthelasma of the left upper eyelid due to lipoprotein deficiency
8. H71.01 Cholesteatoma, right middle ear and attic
9. O22.03 Varicose vein with inflammation, left lower extremity, complicating third-trimester pregnancy
10. L40.59; L41.9 Psoriatic arthropathy and parapsoriasis
11. E13.10 Diabetes with ketoacidosis
12. H33.039 Detached retina with giant tear
13. I01.9 Rheumatic fever with heart involvement
14. I50.1 Acute lung edema with heart disease
15. I70.213 Atherosclerosis of the extremities with intermittent claudication
16. I44.0 Emphysema with acute and chronic bronchitis
17. K25.2 Acute gastric ulcer with perforation and hemorrhage
18. K57.90; K57.92 Diverticulosis with diverticulitis
19. K81.2 Acute and chronic cholecystitis
20. S82.402A; S82.202A Closed fractures of left fibula and tibia shafts

Injury, Poisoning, and Certain Other Consequences of External Causes and External Causes of Morbidity

21. T22.291A Second-degree burn, right upper arm and shoulder
22. T28.0xxA; T28.1xxA Burns of mouth, pharynx, and esophagus
23. T21.30xA Third-degree burn, trunk
24. S32.2xxA; S34.3xxA Open fracture of coccyx with cauda equina spinal cord injury
25. S62.212A Bennett’s fracture, left hand, closed
26. S12.400A Fifth cervical vertebra fracture, closed
27. L90.5; T22.30xS Scarring due to third-degree burn of left arm
28. I69.359 Hemiplegia due to old cerebral infarction
29. M79.622; S49.82xS Pain due to previous left upper arm injury from car accident 10 years ago
30. G93.9; G09 Brain damage due to old cerebral abscess

Factors Influencing Health Status and Contact with Health Services

31. Z71.89 Exercise counseling
32. P10.21 Personal history of alcoholism
33. Z71.89 Counseling for parent-child conflict
34. Z12.39 Screening for bilateral breast cancer
35. Z09 Postsurgical follow-up exam
36. Z00.00 Adult health checkup
37. Z00.129 Routine child (age 2) health check
38. Z44.21 Fitting of artificial eye, right
39. Z23 Flu shot (Vaccination)
40. Z80.3 Family history of breast cancer

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ASSIGNMENT 6B.6 Diagnostic Coding and Reporting Guidelines for Outpatient Services

Coding Diagnostic Statements

NOTE: Refer to outpatient coding guidelines in textbook Chapter 6B for coding clarification (e.g., when a definitive diagnosis is documented, do not code signs and symptoms).

1. J03.90 Fever, difficulty swallowing, acute tonsillitis
2. R07.9 Chest pain, rule out arteriosclerotic heart disease
3. I10; J20.9; Z80.1 Hypertension, acute bronchitis, family history of lung cancer
4. D17.24 Lipoma, subcutaneous tissue of left thigh
5. J45.901 Audible wheezing, acute exacerbation of asthma
6. Z01.419 Routine annual gynecological visit and exam with Pap smear
7. S51.811A; M25.572; M25.532 Laceration of right forearm, pain, left ankle and left wrist. Possible left ankle fracture. Possible left wrist fracture.
8. Z34.02 Pregnancy visit (normal female at 2nd trimester, first pregnancy)
9. N20.0 Renal calculi with hematuria
10. Z93.3 Status post colostomy
11. H66.91 Fever, throat pain, acute otitis media (right ear), rule out thrush
12. B27.00 Epstein-Barr mononucleosis
13. A02.0 Severe nausea and vomiting, gastroenteritis due to salmonella food poisoning
14. I50.9; R60.0 Congestive heart failure with bilateral right leg edema
15. R73.01 Elevated fasting blood glucose level of 145 mg/dL
16. K21.9 Gastroesophageal reflux disease
17. J30.9 Severe headache, stuffy nose, allergic sinusitis
18. K85.9 Epigastric abdominal pain, fever, vomiting, tachycardia, acute pancreatitis
19. M00.861; B96.3 Pyogenic arthritis of right knee due to _H. influenzae_ infection
20. A18.84 Acute pericarditis due to tuberculosis

Coding Patient Cases

1. I25.10 Coronary artery disease
   E66.9 Exogenous obesity
   M15.9 Degenerative joint disease involving multiple joints
   Z86.79 History of congestive heart failure
   I48.0 Atrial fibrillation
   I25.2 History of myocardial infarction
2. R26.9 Gait disorder
   M47.892 Cervical spondylosis
   G62.9 Peripheral neuropathy
3. E78.5 Hyperlipidemia
   I25.10 Coronary artery disease
   I67.9 Cerebrovascular disease
   K21.9 Esophageal reflux
   F41.8 Anxiety with depression
4. S31.831A Anal tear
   K64.9 Hemorrhoids
5. H57.11 Orbital pain, right
   M25.551 Right hip pain
ASSIGNMENT 6B.7  Multiple Choice Review

1. b  
2. d  
3. c  
4. a  
5. a  
6. c  
7. c  
8. a  
9. c  
10. a  
11. d  
12. b  
13. b  
14. d  
15. c  
16. b  
17. b  
18. c  
19. a  
20. d