

CHAPTER 6 ICD-10-CM Coding

ASSIGNMENT 6.1 ICD-9-CM Legacy Coding System: Interpreting General Equivalence Mappings

	Column 1 ICD-9-CM Code	Column 2 GEM ICD-9-CM Code	Column 3 GEM ICD-10-CM Diagnosis Code	Column 4 ICD-10-CM Diagnosis Code
1.	003.24	00324	A0224	A02.24
2.	001.9	0019	A009	A00.9
3.	002.3	0023	A013	A01.3
4.	001.0	0010	A000	A00.0
5.	003.22	00322	A0222	A02.22

ASSIGNMENT 6.2 Overview of ICD-10-CM: Comparing ICD-10-CM to ICD-9-CM

ICD-9-CM Code	ICD-10-CM Code	
1. 996.1	T82.310A	Mechanical breakdown of aortic graft (replacement)
2. 996.1	T82.311A	Mechanical breakdown of carotid arterial graft (bypass)
3. 996.1	T82.312A	Mechanical breakdown of femoral arterial graft (bypass)
4. 996.1	T82.318A	Mechanical breakdown of other vascular grafts
5. 996.1	T82.319A	Mechanical breakdown of unspecified vascular grafts

ASSIGNMENT 6.3 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. E34.51 De Quervain 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. I89.0 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 6.4 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. L25.3 Skin eruption due to chemical product
- 8. L53.9 Infectious 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 (<u>Neoplasm Table</u>)
12. C56.9; C78.7	Metastatic ovarian cancer to the liver (<u>Neoplasm Table</u>)
13. C16.9	Stomach cancer (<u>Neoplasm Table</u>)
14. D17.9	<u>Lipoma</u> of muscle, right forearm
15. C40.22	<u>Osteosarcoma</u> , left femoral head (<u>Neoplasm Table</u>)
16. Q85.00	<u>Neurofibromatosis</u>
17. C81.90	Hodgkin's <u>sarcoma</u>
18. C91.10	Chronic lymphocytic <u>leukemia</u> of B-cell type
19. C83.32	Intrathoracic <u>reticulosarcoma</u> (<u>Neoplasm Table</u>)
20. C21.8	Adenocarcinoma of rectum and anus (<u>Neoplasm Table</u>)

Table of Drugs and Chemicals

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

Index to External Causes of Injuries

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

ASSIGNMENT 6.5 ICD-10-CM Tabular List of Diseases and Injuries**Multiple Coding and Combination Coding**

- | | |
|------------------------|--|
| 1. B85.0 | Parasitic infestation of eyelid due to <u>pediculus</u> capitis |
| 2. B05.0 | Post-infectious <u>encephalitis</u> due to measles (20 years ago) |
| 3. E05.90; G99.0 | Peripheral <u>neuropathy</u> in hyperthyroidism |
| 4. E75.21 | Cerebral <u>degeneration</u> due to Fabry's disease |
| 5. G71.19; H28 | Myotonic <u>cataract</u> due to Thomsen's disease |
| 6. H10.31; H10.401 | Acute and chronic <u>conjunctivitis</u> , right eye |
| 7. H02.64; E78.6 | <u>Xanthelasma</u> of the left upper eyelid due to lipoprotein <u>deficiency</u> |
| 8. H71.01 | <u>Cholesteatoma</u> , right middle ear and attic |
| 9. O22.03 | Varicose vein with inflammation, left lower extremity, complicating third-trimester <u>pregnancy</u> |
| 10. L40.59; L41.9 | Psoriatic <u>arthropathy</u> and <u>parapsoriasis</u> |
| 11. E13.10 | <u>Diabetes</u> with ketoacidosis |
| 12. H33.039 | <u>Detached</u> retina with giant tear |
| 13. I01.9 | Rheumatic <u>fever</u> with heart involvement |
| 14. I50.1 | Acute lung <u>edema</u> with heart disease |
| 15. I70.213 | <u>Atherosclerosis</u> of the extremities with intermittent claudication |
| 16. J44.0 | <u>Emphysema</u> with acute and chronic bronchitis |
| 17. K25.2 | Acute gastric <u>ulcer</u> with perforation and hemorrhage |
| 18. K57.90; K57.92 | Diverticulosis with <u>diverticulitis</u> |
| 19. K81.2 | Acute and chronic <u>cholecystitis</u> |
| 20. S82.402A; S82.202A | Closed <u>fractures</u> 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 <u>burn</u> , right upper arm and shoulder |
| 22. T28.0xxA; T28.1xxA | <u>Burns</u> of mouth, pharynx, and esophagus |
| 23. T21.30xA | Third-degree <u>burn</u> , trunk |
| 24. S32.2xxA; S34.3xxA | Open <u>fracture</u> of coccyx with cauda equina spinal cord injury |
| 25. S62.212A | <u>Bennett's</u> fracture, left hand, closed |
| 26. S12.400A | Fifth cervical vertebra <u>fracture</u> , closed |
| 27. L90.5; T22.30xS | <u>Scarring</u> due to third-degree burn of left arm |
| 28. I69.359 | <u>Hemiplegia</u> due to old cerebral infarction |
| 29. M79.622; S49.82xS | <u>Pain</u> due to left upper arm <u>injury</u> from car accident 10 years ago |
| 30. G93.9; G09 | Brain <u>damage</u> due to old cerebral abscess |

Factors Influencing Health Status and Contact with Health Services

- | | |
|-------------|--|
| 31. Z71.89 | Exercise <u>counseling</u> |
| 32. F10.21 | Personal <u>history</u> of alcoholism |
| 33. Z71.89 | <u>Counseling</u> for parent-child conflict |
| 34. Z12.39 | <u>Screening</u> for bilateral breast cancer |
| 35. Z09 | Postsurgical follow-up <u>exam</u> |
| 36. Z00.00 | Adult health <u>checkup</u> |
| 37. Z00.129 | Routine child (age 2) health <u>checkup</u> |
| 38. Z44.21 | <u>Fitting</u> of artificial eye, right |
| 39. Z23 | Flu shot (<u>Vaccination</u>) |
| 40. Z80.3 | Family <u>history</u> of breast cancer |

ASSIGNMENT 6.6 Diagnostic Coding and Reporting Guidelines for Outpatient Services

Coding Diagnostic Statements

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

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

Coding Patient Cases

- | | |
|-------------|---|
| 1. I25.10 | Coronary artery <u>disease</u> |
| E66.01 | Exogenous <u>obesity</u> |
| M15.9 | Degenerative joint <u>disease</u> involving multiple joints |
| Z86.79 | <u>History</u> of congestive heart failure |
| I48.0 | Atrial <u>fibrillation</u> |
| I25.2 | <u>History</u> of myocardial infarction |
| 2. R26.9 | <u>Gait</u> disorder |
| M47.892 | Cervical <u>spondylosis</u> |
| G62.9 | Peripheral <u>neuropathy</u> |
| 3. E78.5 | <u>Hyperlipidemia</u> |
| I25.10 | Coronary artery <u>disease</u> |
| I67.9 | Cerebrovascular <u>disease</u> |
| K21.9 | Esophageal <u>reflux</u> |
| F41.8 | <u>Anxiety</u> with depression |
| 4. S31.831A | Anal <u>tear</u> |
| K64.9 | <u>Hemorrhoids</u> |
| 5. H57.11 | Orbital <u>pain</u> , right |
| M25.551 | Right hip <u>pain</u> |

ASSIGNMENT 6.7 Multiple Choice Review

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