

Basic ICD-9-CM Coding 2009 Edition

Exercise Answer Key

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This book includes ICD-9-CM changes announced in the CMS Hospital Inpatient Prospective Payment Systems Proposed Rules, as published in the. Any additional changes to these codes may be obtained at the CMS Web site or in the Final Rule for IPPS in the *Federal Register* when it is available (usually in August). The official ICD-9-CM addenda are available online from: <http://www.cdc.gov/nchs/datawh/ftpserv/ftpicd9/ftpicd9.htm#guidelines>.

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Exercise Answer Key

The answer key includes the correct ICD-9-CM codes and the Alphabetic Index entry used to locate each code.

Chapter 1 Introduction to ICD-9-CM

Exercise 1.1

1. Category
2. 055.9
3. Existence of complications of measles as well as uncomplicated cases
4. Manifestations
5. Section is Viral diseases accompanied by exanthem (050–057).
Chapter is Infectious and Parasitic Diseases (001–139).

Exercise 1.2

1. 6
2. 3
3. 8
4. 820.01
5. 820.9

Exercise 1.3

1. Mass
2. Hydronephrosis
3. Deviated
4. Adenopathy
5. Arteriosclerotic or disease

Exercise 1.4

1. 307.81 Headache, tension
2. 577.0 Pancreatitis, suppurative
3. 520.6 Eruption, teeth/tooth, neonatal
4. 421.0 Endocarditis, infectious
5. 391.1 Endocarditis, mitral, with aortic (valve) disease, active or acute

Exercise 1.5

1. 756.3 Distortion (congenital), chest (wall)
2. 562.10 Diverticula (ruptured), cecum
3. 455.5 Hemorrhoids (rectum), external, bleeding
Hemorrhoids (rectum), bleeding, external

4. 627.4 Syndrome, menopause, postartificial
Menopause (syndrome), postsurgical
5. 597.80 Urethritis (acute)

Exercise 1.6

1. 300.81 Briquet's disorder or syndrome
Disorder, Briquet's
2. 335.20 Lou Gehrig's disease
Disease, Lou Gehrig's
3. 426.9 Stokes-Adams syndrome
Syndrome, Stokes-Adams
4. 755.52 Sprengel's deformity
Deformity, Sprengel's
5. 359.1 Erb's disease
Disease, Erb

Exercise 1.7

1. 615.0 Endomyometritis, *see also* Endometritis
Endometritis, acute
2. 621.8 Metrorrhaxis—*see* Rupture, uterus
Rupture, uterus, nontraumatic
3. 715.31 Osteoarthritis, *see also* Osteoarthritis
Osteoarthritis, localized
Fifth digit 1 = shoulder
4. 722.0 Prolapse, disc—*see* Displacement,
intervertebral disc
Displacement, intervertebral disc, cervical
5. 622.4 Stenosis, cervix/cervical (canal)
Stenosis—*see also* Stricture
Stricture, cervix, cervical (canal)

Exercise 1.8

1. Lower jawbone
2. Crohn's disease/Granulomatous enteritis
3. Infectious diarrhea
4. German measles
5. Congenital rubella

Exercise 1.9

1. Birth weight of 4,500 grams or more
2. Site of elbow dislocation
3. Closed
4. 3 is the fifth digit (type I diabetes, uncontrolled)
5. Injury, superficial

Exercise 1.10

1. 571.5, 456.20 Varices—*see* Varix
Varix, esophagus, bleeding, in,
cirrhosis of liver 571.5 [456.20]
2. 599.0, 041.4 Infection, urinary (tract)
Tabular List—Use additional code to
identify organism
Infection, Escherichia coli
3. 532.01 Ulcer, duodenum/duodenal, acute,
with hemorrhage
(fifth digit with obstruction)
4. 776.6 Anemia, of prematurity
5. 392.9 Chorea, rheumatic

Exercise 1.11

1. 410.01 Infarction, myocardium, anterolateral (wall)—
fifth digit for initial episode
2. 537.82 Angiodysplasia, stomach, or Angiodysplasia, duodenum
3. 017.30 Iritis, tuberculous (*see also* Tuberculosis) 017.3
[364.11] – fifth digit for unspecified

364.11 Chronic iridocyclitis in diseases classified
elsewhere
4. 159.1 Neoplasm, spleen, malignant, primary
5. 057.0 Fifth disease or Disease, fifth

Review Exercise: Chapter 1

1. 540.0 Appendicitis, acute, with, perforation
2. 482.30 Pneumonia, streptococcal
3. 786.52 Pain, chest, wall (anterior)
4. 415.0 Cor, pulmonale, acute

5. 715.17 Osteoarthritis, localized, primary
Fifth digit 7 = ankle
6. 242.31 Goiter, nodular, toxic
Fifth digit 1 = crisis
7. 759.2 Extra—*see also* Accessory; Accessory,
thyroid gland
8. 569.85 Angiodysplasia (intestine) with hemorrhage
9. 466.0 Tracheobronchitis, acute, with Bronchospasm
10. 414.01 Arteriosclerosis, heart—*see also*
Arteriosclerosis, coronary
Arteriosclerosis, coronary, native artery
413.9 Angina, stable
11. 710.0, 581.81 Syndrome, nephrotic—*see also*
Nephrosis

Nephrosis, in systemic lupus
Erythematosus 710.0 [581.81]
12. V22.0 Prenatal care, normal first pregnancy
13. 820.22 Fracture, femur, subtrochanteric (section)
14. 131.03 Prostatitis due to Trichomonas
15. 433.11 Occlusion, carotid artery—*see* Occlusion,
artery, carotid

Fifth digit 1 = cerebral infarction
401.9 Hypertension (essential) unspecified

Chapter 2 Procedures

Exercise 2.1

1. Myectomy
2. Repair
3. Removal
4. Biopsy
5. Dilation and curettage or Curettage
6. Irwin or Operation
7. Mohs' or Chemosurgery
8. Suture
9. Training or Activities of daily living (ADL)
10. Anastomosis or Takedown

Exercise 2.2

1. 81.11 Arthrodesis, ankle
2. 85.11 Biopsy, breast, percutaneous (needle)
3. 21.01 Control, epistaxis, by, packing (nasal) (anterior)

4. 82.19 Myotomy, hand, with division (Ventral herniorrhaphy was canceled.)
5. 38.45 Phlebectomy, graft replacement, thoracic NEC
2. 47.09 Appendectomy (with drainage)
Drainage, appendix, abscess, with
Appendectomy

Exercise 2.3

1. 59.5 Marshall-Marchetti-(Krantz) operation
Operation, Marshall-Marchetti-(Krantz)
2. 44.66 Nissen operation (fundoplication of stomach)
Operation, Nissen
3. 67.59 Shirodkar operation
Operation, Shirodkar
4. 77.59 Mayo operation, bunionectomy
Operation, Mayo, bunionectomy
5. 22.39 Caldwell-Luc operation
Operation, Caldwell-Luc
Sinusotomy, maxillary, external approach
(Caldwell-Luc)
3. 97.88 Removal, cast
4. 94.46 Counseling, alcoholism
5. 36.13 Bypass graft, (aorto) coronary, three
coronary vessels
- 39.61 Bypass, cardiopulmonary
6. 42.23 Esophagoscopy
98.02 Removal, foreign body, esophagus
(intraluminal)
7. 46.52 Takedown, colostomy

Exercise 2.4

1. 32.49 Lobectomy, lung (complete), other
Thoracotomy is the approach.
2. 01.51 Excision, cyst—*see also* Excision, lesion, by site
Excision, lesion, meninges (cerebral)
Craniotomy is the approach.
3. 45.79 Resection, colon (partial)
End-to-end anastomosis included in resection
4. 81.92 Injection, joint
99.23 Injection, steroid NEC, or Injection, Cortisone
5. 13.11 Extraction, cataract, intracapsular, by temporal
inferior route
- 13.71 Insertion, pseudophakos—*see also* Insertion, lens
Insertion, lens, with cataract extraction, one-stage
6. 51.23 Cholecystectomy, laparoscopic
7. 34.21 Thoracoscopy, transpleural
8. 57.33 Cystoscopy, with biopsy
9. 80.26 Arthroscopy, knee
10. 80.6 Meniscectomy (knee)
9. 50.12 Biopsy, liver, open (done via laparotomy)
10. 81.23 Arthrodesis, shoulder
11. 620.2 Cyst, ovary, ovarian
465.9 Infection, respiratory, upper
V64.1 Procedure (surgical) not done, because of,
contraindications
- No code for oophorectomy—procedure not
done
12. 79.35 Reduction, fracture, femur, open, with
internal fixation
13. 08.61 Tarsoplasty—*see also*
reconstruction, eyelid
- Reconstruction, eyelid, with graft or flap, skin
14. 22.42 Turbinectomy, with sinusectomy—*see*
Sinusectomy
- Sinusectomy, frontal
22.62 Sinusectomy, maxillary
15. 60.11 Biopsy, prostate, percutaneous (needle)

Review Exercise: Chapter 2

1. 54.11 Laparotomy, exploratory (pelvic)
Herniorrhaphy—*see* Repair, hernia

Chapter 3 Introduction to the Prospective Payment System and the Uniform Hospital Discharge Data Set

Review Exercise: Chapter 3

1. To establish a minimum common core of data to be collected on individual acute care short term hospital discharges in Medicare and Medicaid programs. UHDDS sought to improve the uniformity and comparability of hospital discharge data.
2. All non-outpatient settings including acute care, short term care, long term care, and psychiatric hospitals, home health agencies, rehabilitation facilities, and nursing homes.
3. The condition established after study to be chiefly responsible for occasioning the admission of the patient to the hospital for care.
4. Conditions that coexist at the time of admission, that develop subsequently, or that affect the treatment received and/or the length of stay. Diagnoses are to be excluded that relate to an earlier episode that has no bearing on the current hospital stay.
5. A complication is an additional diagnosis that describes a condition arising after the beginning of the hospital observation and treatment and then modifying the course of the patient's illness or the medical care required. A comorbidity is an additional diagnosis that describes a preexisting condition that because of its presence with a specific principal diagnosis will likely cause an increase in the patient's length of stay in the hospital.
6. The National Uniform Billing Committee
7. Grand total of 22. 18 Diagnosis codes + 3 E codes + 1 admitting diagnosis code
8. 6 procedure codes
9. Principal diagnosis = seizure
10. Principal diagnosis could be either acute pyelonephritis or acute cystitis as there are inter-related conditions (same ICD-9-CM chapter) and both were treated during the hospital stay.]
11. Principal diagnosis could be either acute exacerbation of COPD or acute low back pain as the two diagnosis equally meet the definition of principal diagnosis.
12. Principal diagnosis could be either acute pancreatitis or acute cholangitis as both are unconfirmed diagnosis and could explain the patient's symptoms.
13. Principal diagnosis is left lower quadrant abdominal pain. The diagnoses of ruptured ovarian cyst and acute salpingitis are coded as additional diagnoses.
14. Principal diagnosis is osteoarthritis of knee. Additional codes for hypertensive heart disease and code V64.1, surgical or other procedure not carried out because of contraindication, would be assigned.
15. Principal diagnosis is postoperative wound infection. An additional diagnosis for diverticulitis is assigned.
16. Principal diagnosis is viral pneumonia.
17. Principal diagnosis is status asthmaticus
18. Principal diagnosis is orthostatic hypotension. An additional diagnosis code for cataract is also assigned. The procedure of the cataract extraction is also coded.
19. The other diagnoses of cholelithiasis and type II diabetes are coded. The history of pneumonia and status post bunionectomy are unrelated to this hospital stay, are historical events, and therefore not coded.
20. The other diagnoses of hypertension and benign prostatic hypertrophy are coded. No other diagnoses codes for the findings from the laboratory reports should be assigned without asking the physician if the abnormal findings are significant.
21. In addition to the gastritis, both the acute duodenitis and acute pancreatitis should be coded.
22. To improve Medicare's ability to recognize severity of illness in its inpatient hospital payments. The new system is projected to increase payments to hospitals for services provided to sicker patients and decrease payments for treating less severely ill patients.
23. Hospital payment = DRG relative weight multiplied by the hospital base rate.
24. Additional payments may be made to (1) disproportionate share hospitals, (2) for indirect medical education, (3) for new technologies and (4) for an outlier case.
25. Principal or secondary surgical procedures
26. The QIO's programs are designed to:
 1. Assist healthcare providers in hospitals, physician offices, nursing homes and home health agencies with their quality

- improvement efforts to improve the processes and outcomes of medical care for Medicare beneficiaries
2. Conduct case review to determine whether services provided are medically necessary, appropriate and meet professionally recognized standards of care
 3. Educate Medicare beneficiaries about their healthcare rights and responsibilities and the importance of preventive healthcare
 4. Respond to Medicare beneficiary concerns about the quality of care they have received
 5. Assist physician offices with the adoption and implementation of electronic health record (EHR) technology.
27. Recovery audit contractors
28. By reviewing all the ICD-9-CM diagnosis codes assigned to explain the reasons the services were provided.
29. The urinary retention would be reported with a “N” for no, condition not present on admission.
30. An advance beneficiary notice (ABN.)

Chapter 4 Infectious and Parasitic Diseases

Review Exercise: Chapter 4

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. 042 AIDS
Syndrome, acquired immune deficiency or immunodeficiency 047.8 Meningitis, aseptic [4th digit 8 = other specified viral meningitis (HIV)] 2. V08 HIV— <i>see</i> Human immunodeficiency virus
Human immunodeficiency virus, infection 3. 038.11 Septicemia, staphylococcal aureus
995.91 Sepsis
(The “code first” note following code 995.91 directs the coder to assign the code for the underlying infection first.) 4. 110.4 Dermatophytosis, foot 5. 813.21 Fracture, radius, shaft
042 AIDS 6. 011.15 Tuberculosis, pulmonary, nodular
Fifth digit 5 = confirmed histologically 7. 045.90 Poliomyelitis 8. 344.30 Paralysis, lower extremity—<i>see</i> Leg
138 Late, effect, poliomyelitis; Poliomyelitis, late effect | <ol style="list-style-type: none"> 9. 070.1 Hepatitis, viral, type A 10. 005.0 Poisoning, food, due to staphylococcus 11. 042 AIDS
348.39 Encephalopathy, other specified type (due to AIDS)

112.84 Candidiasis, esophagus 12. 098.15 Cervicitis, gonococcal (acute)
098.16 Endometritis, gonococcal (acute) 13. 093.22 Endocarditis, syphilitic NEC = 093.20
Endocarditis, aortic, syphilitic 14. 034.0 Nasopharyngitis, septic 15. 125.9 Orchitis, filarial 125.9 [604.91]
604.91 16. 102.6 Osteitis, due to yaws 17. 595.0 Cystitis, acute
041.4 Infection, Escherichia coli 18. 112.1 Vaginitis, due to, C. albicans 19. 015.25 Osteomyelitis, tuberculous— <i>see</i>
Tuberculosis, bone

Tuberculosis, bone, knee 015.2 [730.86]

Fifth digit 5 = confirmed histologically

730.86 Other infections involving bone in diseases classified elsewhere 20. 040.82 Syndrome, toxic, shock
Toxic, shock syndrome
041.01 Infection, streptococcus, Group A 21. 078.12 Wart, plantar 22. 038.41 Septicemia, hemophilus influenzae
995.92 Sepsis, severe
785.52 Shock, septic
584.9 Failure, renal, acute 23. 046.19 Disease, Creutzfeldt-Jakob 24. 135 Sarcoidosis of lung [517.8]
517.8 Lung involvement in other diseases 25. 136.21 Infection or keratitis, acanthamoeba
370.8 Other forms of keratitis (use add'l code note) |
|--|---|

Chapter 5 Neoplasms

Exercise 5.1

1. 141.6 Neoplasm, tonsil, lingual, malignant, primary
2. 237.5 Neoplasm, cerebrum, uncertain behavior
3. 211.5 Neoplasm, liver, benign
4. 233.1 Neoplasm, cervix, malignant, in situ
5. 239.8 Neoplasm, abdomen, unspecified
6. 197.0 Neoplasm, lung, lower lobe, malignant, secondary

Exercise 5.2

1. 193 Carcinoma, C cell, unspecified site
M8510/3 Carcinoma, C cell
2. 183.0 Carcinoma, theca cell
M8600/3 Carcinoma, theca cell
3. 206.02 Leukemia, monocytic, acute, in relapse
M9891/3 Leukemia, monocytic, acute
4. 203.00 Myeloma (multiple)
M9730/3 Myeloma (multiple)
5. 189.0 Wilms' tumor
M8960/3 Wilms' tumor
6. 186.9 Choriocarcinoma, unspecified site, male
M9100/3 Choriocarcinoma
7. V58.11 Admission, for, (Encounter, for)
Chemotherapy
162.3 Neoplasm, lung, upper lobe, malignant, primary
M8042/3 Carcinoma, oat cell, primary site
198.5 Neoplasm, bone, malignant, Secondary
M8042/6 Carcinoma, oat cell, secondary site
99.25 Chemotherapy, for cancer NEC
8. 198.3 Neoplasm, brain, malignant, Secondary
M8010/6 Carcinoma, secondary site
V10.3 History, malignant neoplasm, breast
V45.71 Absence, breast(s), (acquired)
Acquired—*see* condition

Exercise 5.3

1. 172.4 Melanoma (malignant), scalp
 2. 214.0 Lipoma, face
 3. 191.3 Glioma, specified site (brain)—*see* Neoplasm, by site, malignant, brain, parietal Lobe
 4. 185 Adenocarcinoma —*see* Neoplasm, by site, malignant, prostrate
 5. 231.0 Carcinoma, in situ— *see* Neoplasm, by site, in situ, vocal cord
 6. 211.7 Adenoma, islet cell, pancreas
251.1 Hypoglycemia, specified NEC
 7. 150.4 Carcinoma, epidermoid—*see* Neoplasm, by site, malignant, esophagus, middle third
 8. 227.3 Adenoma—*see* Neoplasm, by site, benign, pituitary
611.6 Galactorrhea, not associated with childbirth
 9. 216.6 Melanoma, benign—*see* Neoplasm, skin, benign, shoulder
 10. 227.0 Adenoma, adrenal (cortex)
255.12 Conn (-Louis) syndrome or Syndrome, Conn (-Louis)
- ### Exercise 5.4
1. 208.20 Leukemia, subacute; Fifth digit of 0 = without mention of remission
 2. 173.5 Carcinoma, basal cell—*see* Neoplasm, skin, malignant, buttock
 3. 216.5 Papilloma—*see also* Neoplasm, by site, benign = Neoplasm, back NEC *, benign 229.8
Whenever referred to code 229, refer to:
Neoplasm, by site, skin, benign, shoulder = 216.5
 4. 157.0 Adenocarcinoma—*see also* Neoplasm, by site, malignant, pancreas, head
 5. 230.0 Carcinoma, epidermoid—*see also* Carcinoma, squamous cell—*see* Neoplasm, by site, tongue, dorsal, in situ
 6. 228.01 Hemangioma, skin and subcutaneous
 7. 205.01 Leukemia, myeloid, acute; Fifth digit of 1 = in remission
 8. 173.7 Carcinoma, squamous cell—*see* Neoplasm,

- by site, leg = Neoplasm, leg NEC *195.5
- Whenever referred to code 195, refer to Neoplasm, by site, skin, malignant, leg
9. 201.13 Granuloma, Hodgkin's or Hodgkin's granuloma
- Fifth digit 3 = intra-abdominal lymph nodes
- 201.17 Granuloma, Hodgkin's or Hodgkin's Granuloma
- Fifth digit 7 = spleen
10. 174.8 Paget's disease, malignant, breast (174.0) but code does not include central portion (174.1) Neoplasm, malignant, breast, contiguous sites (central portion, nipple, areola) 174.8
4. 156.1 Neoplasm, bile duct, malignant, primary
- 196.2 Neoplasm, local lymph (abdominal/intra-abdominal), malignant, secondary
5. 185 Neoplasm, prostate, malignant, primary
- 198.5 Neoplasm, bone, malignant, secondary

Review Exercise: Chapter 5

1. 209.11 Carcinoid tumor, malignant, appendix, primary
- M8240/3 Carcinoid, malignant
- 47.09 Appendectomy
- 45.72 Resection, cecum
2. 214.3 Lipoma, kidney
- M8850/0 Lipoma
3. 154.1 Neoplasm, rectum, malignant, primary
- M8010/3 Carcinoma, primary site
- 197.7 Neoplasm, liver, malignant, secondary
- M8010/6 Carcinoma, secondary site
4. 155.0 Carcinoma, hepatocellular
- M8170/3 Carcinoma, hepatocellular
5. 233.1 Neoplasm, cervix, malignant, in situ
- M8010/2 Carcinoma, in situ
6. 208.12 Leukemia, chronic
- Fifth digit 2 = in relapse
- M9803/3 Leukemia, chronic
7. 201.61 Hodgkin's disease, mixed cellularity
- Fifth digit 1 = lymph nodes head, face, neck
- M9652/3 Hodgkin's disease, mixed cellularity
- 40.11 Biopsy, lymphatic structure (node)
8. 140.0 Neoplasm, lip, upper, malignant, primary
- M8070/3 Carcinoma, epidermoid
- 27.42 Resection, lip (wedge)
- Resection, lesion—see Excision, lesion, by site
- 99.25 Excision, lip, by wide excision
- Chemotherapy, for cancer NEC
9. 206.21 Leukemia, monocytic, subacute

Exercise 5.5

1. 181 Choriocarcinoma, unspecified site, female
2. 161.3 Carcinoma, *see also* Neoplasm, by site, larynx, cartilage, malignant, primary
- 196.0 Neoplasm, by site, lymph nodes, cervical, malignant, secondary
3. 188.1 Carcinoma, papillary, transitional cell —*see also* Neoplasm, by site, bladder, dome, malignant, primary
4. 200.28 Burkitt's, lymphoma (fifth digit 8 = lymph, multiple sites)
- 200.27 Burkitt's, lymphoma (fifth digit 7 = spleen) May also refer to Lymphoma, Burkitt's type
5. 162.5 Carcinoma—*see also* Neoplasm, by site, lungs, lower lobe, malignant, primary
- 198.3 Neoplasm, by site, brain, malignant, Secondary

Exercise 5.6

1. a. Carcinoma
- b. 199.1
- c. Yes
- d. Unknown (199.1)
- e. Bone (198.5)
2. 153.3 Neoplasm, colon—*see* Neoplasm, intestine, large, sigmoid, malignant, primary
- 197.6 Neoplasm, peritoneum, malignant, secondary
3. 197.1 Neoplasm, mediastinum, malignant, secondary
- 199.1 Carcinoma—*see* Neoplasm, by site, malignant
- Neoplasm, primary, unknown site or unspecified

	M9892/3	Fifth digit 1 = in remission Leukemia, monocytic, subacute	16.	228.01	Angioma 228.00, <i>see also</i> Hemangioma, cavernous, <i>see</i> Hemangioma, by site = hemangioma, skin = 228.01
10.	199.0 199.1	Carcinomatosis, unspecified site Neoplasm, unknown site, malignant, primary		86.3 M9121/0	Excision, lesion, skin Hemangioma, cavernous
	54.91 M8010/6 M8010/3	Paracentesis, abdominal Carcinoma, secondary site Carcinoma, primary site	17.	V58.11	Admission, for, (encounter, for) Chemotherapy
11.	162.5	Neoplasm, lung, lower lobe, malignant, primary		204.00	Leukemia, lymphocytic, acute
	197.1	Neoplasm, mediastinum, malignant, secondary			Fifth digit 0 = without mention of remission
	32.39 M8041/3	Lobectomy, lung, partial, unspecified Carcinoma, small cell, primary site		99.25 M9821/3	Chemotherapy for cancer Leukemia, lymphocytic acute
	M8041/6	Carcinoma, small cell, secondary site	18.	170.7	Sarcoma, Ewing's— <i>see</i> Neoplasm, bone, malignant, femur
12.	V58.0 200.10	Admission, for, radiotherapy Lymphoma, lymphocytic, poorly differentiated		77.65 M9260/3	Excision, lesion, bone, femur Sarcoma, Ewing's
		Fifth digit 0 = unspecified site, extranodal and solid organ sites	19.	173.7	Carcinoma, squamous cell— <i>see</i> Neoplasm, by site, malignant
	92.24 M9630/3	Therapy, radiation, photon Lymphoma, lymphocytic, primary site			Neoplasm, leg— <i>see</i> Neoplasm, skin, leg
13.	174.4	Neoplasm, breast, upper outer quadrant, malignant, primary		86.3 M8070/3	Excision, lesion, skin Carcinoma, squamous cell
	196.3	Neoplasm, lymph gland, axillary, malignant, secondary	20.	239.8 M8000/1	Neoplasm, abdomen, unspecified Tumor
	85.43	Mastectomy, radical, modified			
	M8140/3	Adenocarcinoma, primary site			
	M8140/6	Adenocarcinoma, secondary site			
14.	172.6 86.4 M8720/3	Melanoma, arm Excision, lesion, skin, radical Melanoma, primary site			
15.	V58.11	Admission, for, (encounter, for) chemotherapy			
	191.9	Glioblastoma, giant cell, unspecified site			
	M9441/3 99.25	Glioblastoma, giant cell Chemotherapy for cancer			

Chapter 6 Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders

Review Exercise: Chapter 6

1.	250.40	Diabetes, diabetic, nephrosis (syndrome) 250.4 [581.81]
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		Fifth digit 0 = Type II, not stated as uncontrolled			Inappropriate secretion, antidiuretic hormone
	581.81	Nephrosis, diabetic	16.	042 261	AIDS Marasmus
2.	242.01	Goiter (diffuse), toxic Fifth digit 1 = with mention of thyrotoxic crisis	17.	274.0	Arthritis, gouty
3.	255.0	Syndrome, Cushing's Cushing's syndrome	18.	250.81	Hypoglycemia, diabetic Fifth digit 1 = Type I, not stated as uncontrolled
4.	276.8	Hypokalemia	19.	242.30 Nodular	Hyperthyroidism, with, goiter,
5.	277.02	Fibrosis, cystic, with pulmonary manifestations			Fifth digit 0 = without mention of thyrotoxic crisis
6.	250.02	Diabetes (without complication) Fifth digit 2 = Type II, uncontrolled	20.	06.39 273.0	Thyroidectomy, partial Hypergammaglobulinemia, Waldenström's
	263.1	Malnutrition, mild Not stated as related to diabetes			Waldenström's, Hypergammaglobulinemia
7.	253.2	Panhypopituitarism	21.	996.85 279.51	Complication, bone marrow transplant Graft-versus-Host disease, acute
8.	279.06	Hypogammaglobulinemia, sporadic	22.	275.5	Syndrome, Hungry Bone
9.	270.2	Tyrosinemia	23.	259.52 partial	Syndrome, androgen sensitivity,
10.	268.0	Rickets (infantile), acute	24.	249.31	Diabetes, secondary, coma, uncontrolled status
11.	250.83	Ulcer, due to diabetes/diabetic, lower extremity/limb, heel, 250.8 [707.14] Fifth digit 3 = Type I, Uncontrolled	25.	266.2	Deficiency, folic acid
	707.14	Ulcer, leg— <i>see</i> Ulcer lower extremity	Chapter 7 Diseases of the Blood and Blood-Forming Organs		
12.	250.51 362.02	Retinopathy, diabetic, proliferative 250.5 [362.02] <i>Diabetic, retinopathy, proliferative 250.5 [362.02]</i> Fifth digit 1 = Type I, not stated as uncontrolled	Review Exercise: Chapter 7		
			1.	282.62	Sickle cell, disease Disease, Sickle cell Fifth digit 2 = with crisis
13.	414.01	Arteriosclerosis, heart— <i>see also</i> Coronary, native artery	2.	280.0	Anemia, iron deficiency, due to blood loss
	272.0	Hypercholesterolemia	3.	286.4	Von Willebrand's disease Disease, Von Willebrand's
14.	278.02 V85.22	Overweight Body Mass Index of 26.5 in an Adult	4.	289.51	Splenomegaly, congestive, Chronic
15.	253.6	Syndrome, inappropriate secretion of antidiuretic hormone	5.	282.3	Anemia, hemolytic, nonspherocytic, congenital

6.	287.31	Thrombocytopenia, purpura Purpura, idiopathic, thrombocytopenic	22.	282.42	Thalassemia, sickle cell, with crisis
7.	288.09	Neutropenia, toxic	23.	284.01	Aplasia, red cell, pure
8.	284.09	Anemia, Fanconi's Fanconi's anemia	24.	285.21 585.6	Anemia, in, end-stage renal disease Disease, renal, end-stage
9.	283.19	Anemia, hemolytic, microangiopathic	25.	288.00 780.61	Fever, Neutropenic Fever due to neutropenia (use additional code note)
10.	284.89	Anemia, aplastic, due to, drugs	Chapter 8 Mental Disorders		
	174.9	Neoplasm, breast, malignant, primary	Exercise 8.1		
	E933.1	Table of Drugs and Chemicals, antineoplastic agents, therapeutic use	1.	299.00	Disorder, autistic Fifth digit 0 = current or active state
11.	286.6	Coagulation (disseminated), intravascular	2.	304.21	Dependence, cocaine Fifth digit 1 = continuous
12.	532.00	Ulcer, duodenal, acute, Hemorrhage Fifth digit 0 = without mention of obstruction	3.	295.52	Schizophrenia, latent Fifth digit 2 = chronic
	285.1	Anemia, blood loss, acute	4.	331.0	Alzheimer's, dementia (senile) 331.0 [294.1]
13.	042	AIDS		294.10	Fifth digit 0 = no documentation of behavioral disturbance
	283.9	Anemia, hemolytic, acquired	5.	294.8 345.10	Psychosis, epileptic Epilepsy, grand mal
14.	289.2	Lymphadenitis (chronic), mesenteric	Review Exercise: Chapter 8		
	40.11	Biopsy, lymphatic structure	1.	292.0 304.11	Withdrawal, drug Dependence, diazepam Fifth digit 1 = continuous
15.	282.49	Anemia, Cooley's Cooley's anemia		94.65	Detoxification therapy, drug
	41.5	Splenectomy	2.	295.64	Schizophrenia, undifferentiated, chronic
16.	289.0	Polycythemia, due to, high altitude			Fifth digit 4 = chronic with acute exacerbation
	E902.0	High altitude, effects (E902.9) Effects, air pressure, at high altitude, residence (E902.0)	3.	298.0	Psychosis, depressive, reactive
17.	282.2	Anemia, G-6-PD	4.	300.13	Dissociative, fugue
18.	281.2	Anemia, Goat's milk	5.	300.00 780.2	Anxiety Fainting
19.	286.3	Deficiency, Factor, I	6.	535.30	Gastritis, alcoholic Fifth digit 0 = without mention of hemorrhage
20.	559.71	Hematuria, gross		303.92	Alcoholism, chronic Fifth digit 2 = episodic
	E934.2	Table of Drugs and Chemicals, substance—Coumadin, E code from “Therapeutic Use” column	7.	312.9	Disorder, disruptive behavior
21.	289.84	Thrombocytopenia, heparin-induced			

8.	290.21	Depression, senile	318.2	Tay-Sachs disease Retardation, mental, profound
9.	300.7 305.91	Hypochondriac Habit, laxative Fifth digit 1 = continuous	7. 361.01	Detachment, retinal, partial, with, single defect
10.	316	Colitis, mucous, psychogenic 316 [564.9]	8. 343.0	Palsy, cerebral, diplegic
11.	564.9 314.01	Disorder, attention deficit, with hyperactivity	9. 350.1	Tic douloureux
12.	571.2	Cirrhosis, liver, with alcoholism	10. 343.2	Quadriplegia, infantile (spastic)
	303.93	Dependence, alcohol Fifth digit 3 = in remission	11. 354.0	Carpal tunnel syndrome Syndrome, carpal tunnel Release, carpal tunnel
13.	290.40 437.0	Dementia, vascular Arteriosclerosis, cerebral	12. 04.43	Epilepsy, tonic-clonic Fifth digit 0 = without mention of intractable epilepsy
14.	296.89	Disorder, Bipolar II	13. 372.02	Conjunctivitis, acute, follicular
15.	308.3	Disorder, acute stress	14. 331.3 02.34	Hydrocephalus, communicating Shunt, ventricular, to, abdominal cavity or organ
16.	303.00	Intoxication, alcohol, with alcoholism Alcoholic, intoxication, with dependence	15. 366.17 13.41	Cataract, senile, mature Phacoemulsification Aspiration, cataract, with, Phacoemulsification
17.	304.21	Addiction, see dependence, cocaine, continuous fifth digit		Extraction, cataract, emulsification (and aspiration)
18.	305.00	Excessive, drinking (alcohol abuse)		Extraction, cataract, Phacoemulsification
19.	331.0 294.11	Dementia, Alzheimer's Dementia, Alzheimer's with behavioral disturbance	16. 381.10	Otitis, media, serous, chronic Otitis, media, chronic, serous Myringotomy, with insertion of tube or drainage device
20.	300.01	Panic (attack) Attack, panic	20.01 x2	

Chapter 9 Diseases of the Nervous System and Sense Organs

Review Exercise: Chapter 9

1.	320.82	Meningitis, Aerobacter aerogenes	334.4	Fifth digit 0 = unspecified
2.	324.0	Abscess, intracranial		
3.	117.9 321.1	Meningitis, fungal 117.9 [321.1]	18. 346.00	Migraine, with aura Fifth digit 0 = no mention of intractable
4.	323.51	Encephalitis, postvaccinal		migraine without mention of status migrainosus
5.	372.81 10.31	Conjunctivochalasis Excision, lesion, conjunctiva	19. 385.32 20.51	Cholesteatoma, middle ear Excision, cholesteatoma— <i>see</i>
6.	330.1	Disease, Tay-Sachs	Excision	

		lesion, by site			Hypertension, kidney, with, chronic kidney disease, malignant
20.	250.61	Excision, lesion, middle ear Diabetes mellitus, polyneuropathy 250.6 [357.2]			Nephropathy, hypertensive 403.90 — <i>see also</i> Hypertension, kidney, fifth digit
		Fifth digit of 1 added for type I diabetes, not stated as uncontrolled			1 = CKD stage V or end stage renal disease
	357.2	Polyneuropathy in diabetes 250.6 [357.2]	585.5		Disease, kidney, chronic, stage V
21.	339.01	Headache, episodic cluster	5.	584.9 401.9	Failure, renal, acute Hypertension (essential)
22.	364.82	Syndrome, plateau iris			
23.	362.25	Retinopathy, of prematurity, stage 3	6.	402.91	Hypertension, heart, with heart failure, unspecified
24.	346.31	Migraine, hemiplegic, with intractable migraine (fifth digit of 1)			Failure, heart, congestive, hypertensive 402.90 (<i>see also</i> Hypertension)
25.	337.01	Syndrome, carotid sinus			Refer to Tabular to find 402.91 to include heart failure
Chapter 10 Diseases of the Circulatory System				428.0	Failure, heart, congestive [New use additional code note in Tabular 10/02]
Exercise 10.1					
1.	398.91	Failure, heart, rheumatic (congestive)	7.	403.90	Hypertension with chronic kidney disease, stage I
2.	396.1	Stenosis, mitral, with, aortic, insufficiency or incompetence			Disease, kidney chronic, with, hypertension
3.	397.9	Endocarditis, rheumatic (chronic)			
4.	394.2	Stenosis, mitral, with, incompetency, insufficiency, or regurgitation	585.1		Disease, kidney, chronic, stage I
5.	391.9	Disease, heart, rheumatic, acute Rheumatism, Rheumatic, heart, disease — <i>see also</i> Disease, heart, rheumatic	8.	404.91	Hypertension, cardiorenal with heart failure
					Disease, cardiorenal (hypertensive) 404.90 – <i>see</i> Tabular for 404.90
Exercise 10.2					
1.	402.00	Hypertension, cardiovascular disease, malignant	428.0		Failure, heart, congestive [New use additional code note in Tabular]
2.	428.0 401.1	Failure, heart, congestive Hypertension, benign	585.2		Disease, kidney, chronic, stage II
3.	440.1 405.11	Stenosis, artery, renal Hypertension, secondary, due to, renal (artery), stenosis, benign	9.	405.99 disease,	Hypertension, due to, Cushing's unspecified
4.	403.01	Hypertension, with, chronic kidney disease, malignant	255.0		Disease, Cushing's Cushing's, basophilism, disease, or syndrome

10.	404.03	Hypertension, cardiorenal, with heart failure and chronic kidney disease, malignant	9.	428.1	Failure, ventricular, left Edema, pulmonary— <i>see</i> Edema, lung, acute, with heart disease or failure
		Accelerated is the same as malignant form.	10.	402.10	Cardiomegaly, hypertensive, benign (no mention of congestive heart failure)
		Failure, heart, hypertensive, with renal disease, with chronic kidney disease			Tabular 402.90—unspecified hypertension, change to 402.10 for benign
		Refer to Tabular for malignant form of hypertension = 404.03			
	428.0	Failure, heart, congestive [New use additional code note in Tabular]	Exercise 10.5		
	585.6	Disease, renal, end-stage	1.	433.30	Thrombosis, artery, carotid 433.1
Exercise 10.3					Note in Tabular List: 433.3 for multiple & bilateral
1.	410.21	Infarction, myocardial (acute), inferolateral wall		38.12 x 2	Endarterectomy, head and neck for carotid
		Fifth digit 1 = initial episode of care		00.41	Procedure on two vessels
2.	414.01	Arteriosclerosis, heart— <i>see</i> Arteriosclerosis, coronary, native artery	2.	437.1	Ischemia, cerebral (generalized)
	413.9	Angina (pectoris)	3.	435.9	Insufficiency, arterial, precerebral
3.	412	Infarction, myocardial, healed or old	4.	453.41	Thrombosis, leg, deep, ilia
4.	414.02	Arteriosclerosis, coronary, graft— <i>see</i> Arteriosclerosis bypass graft, coronary artery, autologous vein	5.	440.24	Atherosclerosis— <i>see</i> Arteriosclerosis, extremity, claudication, and gangrene
5.	411.1	Syndrome, preinfarction		39.29	Bypass, vascular, femoropopliteal
Exercise 10.4			6.	434.01	Infarct, infarction, thrombotic 453.9
1.	427.31	Fibrillation, atrial			Infarct, infarction, brain, thrombotic
2.	416.8	Hypertension, pulmonary (artery) [unspecified]	7.	432.1	Hematoma, subdural, nontraumatic
3.	425.5	Cardiomyopathy, alcoholic	8.	430	Aneurysm, berry (ruptured)
4.	416.9	Cor, pulmonale (chronic)	9.	454.1	Varicose, vein (lower extremity), with, stasis dermatitis
5.	421.0	Endocarditis, acute Use additional code to identify infection	10.	572.3	Varices, esophageal, bleeding, in, portal hypertension 572.3 [456.20]
	041.00	Infection, streptococcal		456.20	
6.	426.12	Block, Atrioventricular, Mobitz type, II	11.	424.0	Insufficiency, mitral (valve)
7.	427.5	Arrest, cardiac	12.	410.71	Infarct, infarction, myocardial, transmural
8.	427.81	Syndrome, sick sinus		427.41	Fifth digit 1 = initial episode Fibrillation, ventricular

13.	428.0 511.9 250.01	Failure, heart, congestive Effusion, pleura Diabetes (mellitus) Fifth digit 1 = Type I, not stated as uncontrolled	88.54	Ventriculogram, cardiac, left combined right or right combined left
	34.91	Thoracentesis	5. 00.66	Angioplasty, coronary, percutaneous transluminal
			00.40	Procedure on single vessel
14.	428.0 401.0	Failure, heart, congestive Hypertension, malignant		Note at Angioplasty codes instructs to assign code for number of vessels treated
15.	455.2 49.45	Hemorrhoids, internal, bleeding Hemorrhoidectomy, by, ligation	99.10	Injection, thrombolytic agent
16.	403.10	Disease, kidney, chronic, with, hypertension, benign		Review Exercise: Chapter 10
	585.2	Disease, kidney, chronic, stage II	1. 426.4	Block, bundle branch, right
17.	710.0	Endocarditis due to disseminated lupus erythematosus 710.0 [424.91]	2. 420.90 37.0	Effusion, pericardial, acute Pericardiocentesis
	424.91		3. 427.31 37.82	Fibrillation, atrial Insertion, pacemaker, cardiac, single chamber
18.	451.11	Thrombophlebitis, leg, deep, femoral vein	37.71	Insertion, electrodes, heart, ventricle
19.	592.0 405.99	Stone, kidney; <i>see also</i> Calculus Hypertension, due to/secondary, calculus, kidney, unspecified	4. 414.02	Arteriosclerosis, heart— <i>see</i> Coronary artery graft— <i>see</i> Bypass graft Arteriosclerosis, bypass graft, coronary artery, autologous vein
	55.03	Removal, calculus, kidney	37.22	Catheterization, cardiac, left
20.	426.7	Syndrome, Wolff-Parkinson-White Wolff-Parkinson-White syndrome	88.53	Ventriculogram, cardiac, left
			88.55	Arteriography, coronary, single catheter (Sones)
Exercise 10.6				
1.	37.83	Insertion, pacemaker, cardiac, dual-chamber device	5. 425.3	Fibroelastosis (endocardial)
	37.72	Insertion, leads— <i>see</i> Insertion, electrodes, heart, atrium and ventricle	6. 441.2 39.73	Aneurysm, aorta, aortic, thoracic Repair, aneurysm, endovascular graft, thoracic aorta
2.	36.14	Bypass, coronary— <i>see also</i> Bypass, aortocoronary, 4 coronary vessels	00.58	Insertion, intra-aneurysm sac pressure monitoring device (intraoperatively)
	39.61	Bypass, cardiopulmonary or Bypass, heart-lung	7. 424.0	Insufficiency, mitral (valve)
3.	37.94	Implant/implantation, cardioverter-defibrillator, total system	35.24	Replacement, mitral valve
			39.61	Bypass, cardiopulmonary
4.	37.23	Catheterization, cardiac, combined right and left	8. 410.51	Infarct, infarction, myocardial posterolateral
	88.56	Arteriography, coronary, double catheter (Judkins)		

	Fifth digit 1 = initial episode of care		Code also any number of vessels treated (00.40-00.43)
36.12	Bypass coronary— <i>see also</i> Bypass, aortocoronary, 2 coronary vessels	00.55	Insertion, stent, non- coronary vessel (with angioplasty 39.50) drug eluting
36.15	Bypass, internal mammary–coronary artery (single)		Code also any number of vascular stents inserted (00.45-00.48)
	Explanation of codes: Triple bypass (two saphenous veins used to graft the diagonal branch and circumflex and one mammary artery used to graft the left anterior descending for a total of 3 bypass grafts). Correct codes are 36.12 and 36.15 instead of 36.13.	00.45 00.40	Code also any number of vessels treated (00.40-00.43)
		15. 443.0	Insertion of one vascular stent
39.61	Bypass, cardiopulmonary	785.4	Procedure on single vessel
9. 421.0	Endocarditis, bacterial (subacute)		Raynaud's disease Disease, Raynaud's Raynaud's gangrene 443.0 [785.4] Gangrene
041.11	Infection, staphylococcal, aureus		
427.1	Tachycardia, ventricular		
10. 410.11	Infarct, infarction, myocardial, anterior wall		
	Fifth digit 1 = initial episode		
00.66	Angioplasty, coronary, percutaneous transluminal		
00.40	Procedure on two vessels		
	Note at Angioplasty codes instructs to assign code for number of vessels treated		
99.10	Injection, thrombolytic agent		
11. 440.22	Arteriosclerosis, extremity, rest pain		
39.29	Bypass, vascular, popliteal-tibial		
12. 403.91	Hypertension, with chronic kidney disease, unspecified		
585.6	Disease, renal, end-stage		
38.95	Catheterization, vein, for renal dialysis		
39.95	Dialysis, renal		
13. 454.2	Varicose, veins, with inflammation, ulcerated		
14. 444.81	Occlusion, iliac artery		
39.50	Angioplasty, percutaneous, iliac		
	Code also any insertion of noncoronary stent(s) or stent graft(s)		
	Code also any number of vascular stents inserted (00.45-00.48)		
		492.8	
		6. 042	

Chapter 11 Diseases of the Respiratory System

Exercise 11.1

1. 507.0	Pneumonia, aspiration, due to, food
2. 482.32	Pneumonia, streptococcal, group, B
3. 482.40	Bronchopneumonia— <i>see</i> Pneumonia, broncho
	Pneumonia, broncho, staphylococcal
4. 495.9	Pneumonitis, allergic
5. 078.5	Pneumonia, in, cytomegalic inclusion disease 078.5 [484.1]
	484.1

Exercise 11.2

1. 518.81	Failure, respiratory
	358.01
	Myasthenia, gravis, with exacerbation
2. 493.11	Asthma, intrinsic
	Fifth digit 1 = with status asthmaticus
3. 492.8	Obstruction, lung, with, emphysema
4. 491.20	Bronchitis, chronic, obstructive
5. 518.81	Failure, respiratory, acute
	Emphysema
6. 042	AIDS

		prosthesis or graft			
3.	575.6	Cholesterolosis	15.	560.81	Obstruction, intestine, with, adhesions
4.	555.1	Enteritis, regional, intestine, large		54.59	Lysis, adhesions, intestine
5.	558.3	Diarrhea, allergic	Review Exercise: Chapter 12		
6.	578.1	Melena	1.	531.70	Ulcer, gastric— <i>see</i> Stomach Ulcer, stomach, chronic
	45.16	Esophagogastroduodenoscopy, with closed biopsy			Fifth digit 0 = without mention of obstruction Gastrectomy, proximal
7.	533.10	Ulcer, peptic, acute, with perforation		43.5	
		Fifth digit 0 = without mention of obstruction	2.	556.0	Enterocolitis, ulcerative
8.	535.01	Gastritis, acute		45.25	Colonoscopy, with biopsy
		Fifth digit 1 = with hemorrhage	3.	550.91	Hernia, inguinal
	285.1	Anemia, blood loss, acute		53.01	Fifth digit 1 = unilateral or unspecified, recurrent Repair (open), hernia, inguinal, Direct
9.	540.1	Appendicitis, acute, with, perforation, with peritoneal abscess	4.	075	Hepatitis, due to, infectious mononucleosis 075 [573.1]
	47.09	Appendectomy		573.1	
10.	574.00	Cholecystitis with calculus in gall- bladder (cholelithiasis) — <i>see</i> Cholelithiasis	5.	532.40	Ulcer, duodenal, chronic, with, hemorrhage Fifth digit 0 = no mention of obstruction Esophagogastroduodenoscopy
		Cholelithiasis, with, cholecystitis, acute		45.13	
		Fifth digit 0 = without mention of obstruction	6.	574.30	Cholecystitis with calculus in common bile duct— <i>see</i> Choledocholithiasis
	51.23	Cholecystectomy, laparoscopic			Choledocholithiasis, with, cholecystitis, acute
11.	524.64	Disorder, temporomandibular joint			Fifth digit 0 = no mention of obstruction
12.	562.11	Diverticulosis, with diverticulitis		51.96	Removal, calculus, bile duct, percutaneous
		Diverticulosis, intestine (large), with, diverticulitis	7.	153.3	Neoplasm, colon, sigmoid, malignant, primary
	45.23	Diverticulosis, colon, with, diverticulitis Colonoscopy, fiberoptic (flexible)		45.76	Resection (open) colon, sigmoid (Sigmoidectomy) <i>See</i> Note in Tabular List— Code also any synchronous anastomosis other than end-to-end
13.	530.11	Reflux, esophageal			
		Tabular 530.81 excludes reflux esophagitis (530.11)			
		Reflux, esophagitis	8.	569.41	Ulcer, rectum
14.	569.61	Infection, colostomy		48.24	Colonoscopy, with biopsy, rectum

9.	564.1	Syndrome, irritable bowel	595.4		
		Irritable— <i>see</i> Irritability, bowel syndrome	4.	218.2	Leiomyoma, uterine, subserous
10.	211.3	Polyp, colon		622.7	Polyp, cervical
	45.42	Polypectomy, large intestine		617.0	Endometriosis, uterus
11.	438.82	Dysphagia 787.20 —No cross-reference in Tabular		68.49	Hysterectomy, abdominal
		Accident, cerebrovascular, late effect— <i>see</i> Late Effects (of) cerebrovascular disease (Have to know what is a late effect)	5.	622.12	Dysplasia, cervix, moderate
		Late effect, cerebrovascular disease with dysphagia 438.82		67.12	Biopsy (punch) of cervix
	787.20	Use additional code to identify the type of dysphagia, if known	6.	626.0	Absence, menstruation
	43.11	Gastrostomy, percutaneous endoscopic	7.	627.2	Menopause, menopausal (symptoms) 627.2
12.	552.21	Hernia, incisional, with, obstruction (incarcerated)		256.39	Failure, ovarian (primary)
	53.51	Repair, hernia, incisional	8.	610.1	Fibrocystic disease of breast
13.	577.0	Pancreatitis, acute		85.11	Closed biopsy of breast
	577.1	Pancreatitis, chronic	9.	600.01	Hypertrophy, prostate, (benign), with urinary obstruction
	535.10	Gastritis, atrophic		599.69	Obstruction, urinary
		Fifth digit 0 = no mention of hemorrhage		788.21	Retention, urinary or Incomplete, bladder emptying
14.	579.3	Syndrome, malabsorption, postsurgical		60.29	Resection, transurethral, prostate
		Malabsorption, postsurgical	10.	611.1	Gynecomastia
15.	571.49	Hepatitis, chronic, active		85.31	Mammoplasty, reduction, Unilateral
			11.	189.0	Wilms' tumor
				55.51	Tumor, Wilms'
			12.	592.1	Nephrectomy (total) (unilateral)
				59.8	Stone, ureteral
					Insertion, ureteral stent (Note—No subterm ureteral under Insertion, stent)

Chapter 13 Diseases of the Genitourinary System

Review Exercise: Chapter 13

1.	593.72	Reflux, vesicoureteral, with, reflux nephropathy, bilateral	13.	603.1	Hydrocele, infected
2.	580.4	Glomerulonephritis, acute, with, necrotizing glomerulitis		63.1	Hydrocelectomy, spermatic cord
3.	039.8	Cystitis, actinomycotic 039.8 [595.4]	14.	250.41	Diabetic, nephrosis 250.4 [581.81]
				581.81	Nephrosis, in diabetes mellitus 250.4 [581.81]

- | | | | | |
|----|-------|---|--|---|
| 4. | 634.9 | Abortion, spontaneous | | without mention of antepartum condition |
| 5. | 651.1 | Pregnancy, triplet
Triplet pregnancy | | V27.0 |

Exercise 14.3

1. 2
2. 4
3. 3
4. 1
5. 1

Exercise 14.4

- 1.
2. X
- 3.
4. X
- 5.
- 6.
- 7.
- 8.
9. X
- 10.

Exercise 14.5

- | | | | | |
|----|--------|---|--|--|
| 1. | 643.13 | Hyperemesis, gravidarum, with, dehydration
Fifth digit 3 = antepartum condition | | |
| 2. | 648.13 | Pregnancy, complicated by, goiter
Pregnancy, complicated by, thyrotoxicosis
Fifth digit 3 = antepartum condition
Thyrotoxicosis, complicating pregnancy, childbirth, or puerperium | | |
| | 242.01 | Goiter, toxic
Thyrotoxicosis, with goiter
Fifth digit 1 = with mention of thyrotoxic crisis or storm | | |
| 3. | 671.22 | Pregnancy, complicated by, thrombophlebitis
Fifth digit 2 = delivered with mention of postpartum complication
V27.0 | | |
| 4. | 676.44 | Failure, lactation
Lactation, failed

Fifth digit 4 = postpartum condition | | |
| 5. | 642.41 | Pregnancy, complicated by, preeclampsia
Preeclampsia (mild)
Fifth digit 1 = delivered, with or | | |

Exercise 14.6

- | | | |
|----|-------|--|
| 1. | 74.1 | Delivery, cesarean, low cervical
Cesarean section, low cervical |
| 2. | 72.1 | Delivery, forceps, low, with episiotomy |
| 3. | 72.54 | Delivery, breech, total |
| 4. | 73.59 | Delivery, manually assisted |
| 5. | 73.4 | Induction, labor, medical |

Review Exercise: Chapter 14

- | | | |
|----|--------|--|
| 1. | 632 | Pregnancy, complication by, death of fetus, early pregnancy
Death, fetus, early with retention (before 22 completed weeks' gestation) |
| 2. | 651.01 | Pregnancy, twin
Delivery, twins NEC
Fifth digit 1 = delivered with or without antepartum condition
V27.2
Outcome of delivery, twins, both liveborn
73.59
Delivery, assisted spontaneous
Delivery, manually assisted |
| 3. | 660.11 | Delivery, complicated by, abnormal, size, fetus, causing obstructed labor
653.51
Pregnancy, complicated by, abnormal, size, fetus
Delivery, cesarean, abnormal, size, fetus
Fifth digit 1 = delivered with or without antepartum condition
V27.0
Outcome of delivery, single, liveborn |
| | 74.0 | Delivery, cesarean, classical
Cesarean section, classical |
| 4. | 664.01 | Delivery, complicated by, laceration, perineum, first degree
Fifth digit 1 = delivered with or without antepartum condition
V27.0
Outcome of delivery, single, liveborn |
| | 75.69 | Repair, laceration— <i>see</i> Suture, by site
Suture, perineum, after delivery |

5.	655.13	Pregnancy, management affected by, chromosomal abnormalities (Down's) Fifth digit 3 = antepartum condition	V27.0 74.1	Outcome of delivery, single, liveborn Cesarean section, low cervical
6.	646.63	Pregnancy, complicated by, infection, urinary (tract) Infection, urinary (tract), complicating pregnancy, childbirth, or puerperium Fifth digit 3 = antepartum condition	12. 671.83	Hemorrhoids—Tabular 455, excludes note: that complicating pregnancy 671.8 Fifth digit 3 = antepartum condition
	599.0	Infection, urinary tract	455.0	Hemorrhoids, internal
	041.4	Infection, E. coli	13. 650	Delivery, completely normal case— <i>see</i> category 650
7.	631	Blighted, ovum		Delivery, normal Delivery, uncomplicated— <i>see</i> category 650
8.	633.10	Pregnancy, tubal (without intrauterine pregnancy)	V27.0	Outcome of delivery, single, liveborn
	66.62	Salpingectomy, unilateral, removal of tubal pregnancy	73.59	Delivery, assisted spontaneous Delivery, manually assisted
9.	641.11	Pregnancy, complicated by, placenta, previa Fifth digit 1 = delivered with or without antepartum condition	14. 648.03	Pregnancy, complicated by, current disease or condition, diabetic Pregnancy, complicated by, diabetes (mellitus)
	V27.0	Outcome of delivery, single, liveborn		Fifth digit 3 = antepartum condition
	654.21	Delivery, complicated, previous, cesarean delivery Fifth digit 1 = delivered with or without antepartum condition	250.03	Diabetes mellitus (without complication) Fifth digit 3 = Type I, uncontrolled
	74.1	Cesarean section, low cervical		
10.	640.03	Abortion, threatened Fifth digit 3 = antepartum condition	15. 671.44	Thrombophlebitis, puerperal, postpartum, childbirth, deep
11.	661.01	Failure, cervical dilation in labor Delivery, cesarean, poor dilation, cervix Delivery, complicated by, cervical dystocia Delivery, complicated by, arrested active phase Delivery, complicated by, dystocia, cervical Fifth digit 1 = delivered with or without antepartum condition	16. V25.2 V61.5 66.39 672.02	Fifth digit 4 = postpartum condition Admission, for, sterilization Sterilization, admission for contraception, sterilization Multiparity Ligation, fallopian tubal, with, Falope ring Pyrexias, puerperal Fever, puerperal Puerperal, pyrexia

	Add fourth digit of 0 to fill Fifth digit 2 = delivered with mention of postpartum complication			Death, intrauterine, complicating pregnancy	
V27.0	Outcome of delivery, single, liveborn	V27.1		Outcome of delivery, single, stillborn	
73.6	Episiotomy (with subsequent episiorrhaphy)	74.0		Delivery, cesarean, classical Cesarean section, classical	
18.	669.51	Delivery, forceps Forceps, delivery Fifth digit 1 = delivered with or without antepartum condition			
			Chapter 15: Diseases of the Skin and Subcutaneous Tissue		
			Exercise 15.1		
V27.0	Outcome of delivery, single, liveborn	1.	691.0	Rash, diaper	
72.1	Delivery, forceps, low, with episiotomy Forceps delivery— <i>see</i> Delivery, forceps	2.	706.1	Acne (vulgaris)	
19.	635.12	Abortion, elective— <i>see</i> legal, with, hemorrhage Fifth digit 2 = complete	3.	709.2	Cicatrix, skin, post-infectious
	285.1	Anemia, blood loss, acute		86.84	Revision, scar, skin Z-plasty, skin (scar)
	69.01	Dilation and curettage, to terminate pregnancy	4.	682.7	Cellulitis, foot
		Index to Procedures—Abortion, therapeutic, by dilation and curettage		041.00	Infection, streptococcus
20.	656.81	Pregnancy, complicated by, fetal, distress	5.	703.0	Infection/infected, nail, ingrowing
		(This is the correct code for the nonspecific diagnosis of “fetal distress.” Code 656.3x is a specific condition that is coded only when the physician documents “fetal [metabolic] acidemia,” and that is the only entry in the Alphabetic Index to Diseases that leads to 656.3, Fetal acidemia, affecting management of pregnancy.)		86.23	Removal, nail
		Delivery, cesarean, distress, fetal	6.	685.0	Cyst, pilonidal, with, abscess Pilonidal— <i>see</i> condition
		Distress, fetal, affecting management of pregnancy or childbirth		86.03	Incision (and drainage), pilonidal cyst
			7.	708.0	Urticaria, allergic
			8.	701.0	Scleroderma, circumscribed
			9.	695.12	Erythema, multiforme major
			10.	683	Lymphadenitis, acute
644.21	Pregnancy, complicated by, early onset delivery (spontaneous)			041.10	Infection, staphylococcus
	Delivery, premature (before 37 completed weeks)	11.	692.84	Dermatitis, animal dander	
	Fifth digit 1 = delivered with or without mention of antepartum condition	12.	693.1	Dermatitis, due to, food ingested	
		13.	695.14	Syndrome, Stevens-Johnson with toxic epidermal necrolysis overlap syndrome	
656.41	Pregnancy, complicated by, fetal death (near term) Death, fetus/fetal, late, affecting management of pregnancy or childbirth			695.51	Exfoliation due to erythematous condition, 10 percent of body surface
		14.	695.3	Acne, rosacea	

15	707.07 707.21	Pressure (ulcer), heel Pressure ulcer, Stage I	86.07	Insertion, vascular access device, totally implantable
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Review Exercise: Chapter 15

1.	707.03 707.23	Pressure (ulcer), sacrum Pressure ulcer, Stage III	86.22	Debridement, skin, excisional
2.	216.7	Nevus— <i>see also</i> Neoplasm, skin, benign Nevus, blue (M8780/0) = code as neoplasm, skin, benign Neoplasm, skin, foot, benign Excision, lesion, skin	86.3	
3.	692.0	Dermatitis, due to, detergent		
4.	707.13	Ulcer, leg – <i>see</i> Ulcer, lower extremity (chronic), ankle	86.63	Graft, skin, full-thickness
5.	V10.3 V45.71	History (personal) malignant neoplasm, breast Status post mastectomy = no entry Status post, absence, organ = <i>see</i> Absence by site, acquired Absence, breast (acquired)	85.53	Insertion, implant— <i>see</i> Insertion, prosthesis Insertion, prosthesis, breast, unilateral Implant/implantation, breast, unilateral
6.	174.3	Neoplasm, breast, lower inner quadrant, malignant, primary	85.22	Resection, breast, quadrant
7.	610.0	Cyst, breast (benign)	85.11	Biopsy, breast, percutaneous (needle)
8.	708.1	Urticaria, idiopathic		
9.	403.91	Hypertension, renal, unspecified – <i>see also</i> Hypertension, kidney Hypertension, kidney, with chronic kidney disease	585.5	Disease, kidney, chronic, stage V

10.	682.3	Cellulitis, arm
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86.28	Debridement, skin, nonexcisional (performed by nonphysician)
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Chapter 16 Diseases of the Musculoskeletal System and Connective Tissue

Review Exercise: Chapter 16

1.	722.11	Displacement, intervertebral disc, thoracic
	80.51	Laminectomy, with, excision of herniated intervertebral disc
2.	715.15	Osteoarthritis, localized, primary Fifth digit 5 = hip
3.	714.31	Arthritis, rheumatoid, juvenile, acute
4.	721.42	Spondylosis, lumbar, with myelopathy
5.	717.7	Chondromalacia, patella
6.	710.0	Lupus, erythematosus, systemic Erythematous, lupus— <i>see also</i> Lupus, erythematosus 695.4 Tabular List 695.4—excludes note: systemic (disseminated) lupus erythematosus
7.	730.07	Osteomyelitis, acute Fifth digit 7 = ankle
	041.11	Infection, staphylococcus aureus
8.	733.13	Fracture, pathologic, vertebrae Fracture, vertebrae, pathologic
	198.5	Neoplasm, bone, malignant, secondary
	162.9	Neoplasm, lung, malignant, primary
9.	736.71	Equinovarus, acquired Talipes, equinovarus, acquired
10.	711.04	Arthritis, pyogenic Fifth digit 4 = hand
	041.02	Infection, streptococcus, Group, B

20. 732.2 Slipped epiphysis, upper femoral

Chapter 17 Congenital Anomalies and Certain Conditions Originating in the Perinatal Period

Exercise 17.1

1. V30.01 Newborn, single, born in hospital, with cesarean delivery

756.6 Hernia, diaphragmatic, congenital

53.75 Repair, hernia, diaphragmatic, abdominal approach

V30.00 Newborn, single, born in hospital, delivered without mention of c. delivery

755.01 Polydactyly, fingers

749.22 Cleft, lip, with, cleft palate, unilateral

27.54 Repair, cleft, lip

4. 747.0 Patent, ductus arteriosus

38.85 Repair, patent ductus arteriosus

5. 754.69 Talipes (congenital), equinovalgus

758.0 Down's syndrome
Syndrome, Down's

83.39 Excision, cyst, Baker

6. 742.3 Hydrocephalus, congenital

02.34 Insertion, shunt—no entry
Insertion, ventriculoperitoneal—no entry

Shunt, ventricular to abdominal cavity (peritoneal)

7. 748.5 Hypoplasia, lung

8. 756.79 Omphalocele

53.49 Repair, hernia, umbilical, open

9. 753.14 Polycystic, kidney, childhood

10. 759.2 Cyst, thyroglossal (duct)

11. 722.82 Syndrome, postlaminectomy, thoracic
Postlaminectomy syndrome, thoracic12. 733.00 Kyphosis, due to,
osteoporosis 733.0 [737.41]737.41 Kyphosis, due to, osteoporosis
733.0 [737.41]

Tabular: Osteoporosis, unspecified 733.00

13. 717.3 Derangement, joint, knee
717.9

Derangement, knee 717.9

Derangement, meniscus,
medial 717.3No mention of current injury, current injury =
836.2. Tabular List = 836.0 medial, *see also* Fear,
meniscus80.6 Meniscectomy (knee) NEC
Note: Per instructions in *Coding Clinic* (1993,
2000), the arthroscopic approach is not coded; code
80.26 is not necessary.14. 716.95 Arthritis, nonpyogenic
Fifth digit 5 = pelvic region
(hip)

041.10 Infection, staphylococcal

15. 720.0 Spondylitis, ankylosing

16. 727.51 Baker's cyst (knee)
Cyst, Baker's (knee)

83.39 Excision, cyst, Baker

17. 733.11 Fracture, pathologic,
humerusFracture, humerus,
pathologic

733.01 Osteoporosis, postmenopausal

79.01 Reduction, fracture, humerus
(closed)

18. 731.0 Paget's disease, bone

19. 733.22 Cyst, bone, aneurysmal

77.67 Excision, cyst—no bone subterm,
see also Excision, lesion, by site

Excision, lesion, bone, tibia

06.7 Excision, thyroglossal duct

Review Exercise: Chapter 17

- | | | |
|-----|--------|---|
| 1. | V30.00 | Newborn, single, born in hospital, delivered without mention of c. delivery |
| | 768.2 | Distress, fetal, liveborn infant, first noted, before onset of labor |
| 2. | 773.2 | Erythroblastosis (fetalis) |
| 3. | 774.2 | Hyperbilirubinemia, neonatal, of prematurity |
| | 765.18 | Prematurity NEC
Premature, infant NEC
Fifth digit 8 = birth weight 2,000 grams |
| | 765.28 | Gestation, weeks of, 35 completed |
| | 99.83 | Phototherapy |
| 4. | 767.6 | Erb's palsy
Palsy, Erb's |
| 5. | 775.0 | Hypoglycemia, in infant of diabetic mother |
| 6. | 777.51 | Enterocolitis, fetus or newborn, necrotizing, Stage I |
| 7. | V30.00 | Newborn, single, born in hospital, delivered without mention of c. delivery |
| | 760.75 | Maternal condition, affecting fetus or newborn, Noxious substance transmitted via breast milk or placenta, "crack" or cocaine |
| | 765.14 | Prematurity NEC
Premature, infant, NEC
Fifth digit 4 = birth weight 1,247 grams |
| | 765.26 | Gestation, 32 completed weeks |
| 8. | 486 | Pneumonia |
| 9. | 771.81 | Septicemia, of newborn |
| 10. | 776.2 | Coagulation, intravascular, newborn |
| | | Neonatal = 28 days of life or first month of life |
| 11. | V30.01 | Newborn, single, born in hospital, delivered by cesarean delivery |
| | 775.0 | Large, baby, of diabetic mother |

- | | | |
|-----|--------|--|
| 12. | 741.02 | Spina bifida, with hydrocephalus |
| | | Fifth digit 2 = dorsal (thoracic) region |
| | 03.52 | Repair, myelomeningocele |
| | 02.34 | Insertion, shunt—no entry
Insertion, ventriculoperitoneal—no entry
Shunt, ventricular to abdominal cavity (peritoneal) |
| 13. | V30.00 | Newborn, single, born in hospital, delivered without mention of c. delivery |
| | 770.84 | Failure, respiratory, newborn |
| | 96.71 | Ventilation, mechanical |
| | 96.04 | Intubation, trachea
Insertion, tube, endotracheal |
| 14. | 745.2 | Tetralogy of Fallot |
| | 39.0 | Blalock-Taussig operation
Procedure—no entry for Blalock-Taussig |
| | 39.61 | Bypass, cardiopulmonary |
| 15. | V30.01 | Newborn, single, born in hospital, delivered by cesarean delivery |
| | 752.61 | Hypospadias (male) |

Chapter 18 Symptoms, Signs, and Ill-Defined Conditions

Review Exercise: Chapter 18

- | | | |
|----|--------|---|
| 1. | 795.01 | Abnormal, Papanicolaou (smear), cervix, atypical squamous cells |
| 2. | 798.0 | Sudden, death, infant
Syndrome, infant, death, sudden |
| 3. | 780.51 | Apnea, sleep, with, insomnia |
| 4. | 786.05 | Shortness, breath |
| 5. | 793.80 | Abnormal, mammogram |
| 6. | 788.63 | Urgency, urination |

7.	486	Pneumonia
8.	796.2	Elevation, blood pressure, reading
9.	788.32	Incontinence, stress, male Incontinence, urine, male, stress Incontinence, urine, stress, male
10.	571.2	Cirrhosis, Laennec's (of liver) Laennec's cirrhosis (alcoholic)
	789.59	Ascites
11.	780.39	Seizure, convulsive Convulsions
12.	789.01	Pain, abdominal Fifth digit 1 = right upper quadrant
13.	780.71	Syndrome, fatigue, chronic Fatigue, chronic, syndrome
14.	789.30	Mass, abdominal
	782.4	Jaundice
15.	786.59	Pain, chest, noncardiac
16.	790.22	Findings, abnormal, glucose, tolerance test
17.	790.93	Elevation, prostate specific antigen (PSA)
18.	799.1	Arrest, respiratory
19.	783.41	Failure to thrive, child
20.	783.5	Polydipsia
	788.42	Polyuria
21.	388.70 780.60	Earache Fever
22.	722.10	Herniation, disc, see Displacement, intervertebral disc Displacement, intervertebral disc, lumbar
23.	379.99 784.99	Itch, eyes Scratchy, throat
24.	789.00 575.0 577.0	Pain, abdominal, acute Cholecystitis, acute Pancreatitis, acute
25.	434.91	Occlusion, artery, cerebral with a fifth

780.01 digit of 1 for cerebral infarction
Coma

Chapter 19 Injury and Poisoning I

Exercise 19.1

1. with loss of consciousness of unspecified duration
2. coracoid process
3. lateral dislocation of elbow
4. hematoma without rupture of capsule
5. back (any part)

Exercise 19.2

1. 823.22 Fracture, tibia, shaft, with fibula
2. 812.20 Fracture, humerus
3. 821.10 Fracture, femur, open
4. 813.53 Fracture, ulna, lower end, open
5. 733.16 Fracture, pathologic, fibula
756.51 Fracture, fibula, pathologic
Osteogenesis imperfecta

Exercise 19.3

1. 800.72 Fracture, frontal (bone)—*see*
Fracture, skull, vault

Fracture, skull, vault, open, with
subarachnoid hemorrhage

Fifth digit 2 = with brief
(less than one hour) loss of
consciousness
2. 812.41 Fracture, humerus, supracondylar

813.01 Fracture, olecranon
3. 822.1 Fracture, patella, open
4. 827.0 Fracture, multiple, leg
5. 823.30 Fracture, tibia, shaft, open

Exercise 19.4

1. 832.01 Dislocation, elbow, anterior
2. 839.01 Dislocation, vertebra,
cervical, first

- 839.02 Dislocation, vertebra, cervical, second
3. 835.10 Dislocation, hip, open
4. 844.0 Sprain, lateral collateral, knee
5. 846.0 Strain—*see also* Sprain, by site
Sprain, lumbosacral

Exercise 19.5

1. 852.36 Hemorrhage, subdural, traumatic—*see*
Hemorrhage, brain, traumatic, subdural
Hemorrhage, brain, traumatic, subdural,
with open intracranial wound
Fifth digit 6 = with loss of
consciousness of unspecified duration
2. 851.82 Contusion, cerebral – *see*
Contusion, brain

Fifth digit 2 = with brief (less than
one hour) loss of consciousness
3. 864.03 Laceration, liver, moderate
4. 860.3 Hemothorax, traumatic, with, open
wound into thorax

850.5 Concussion, with, loss of consciousness
5. 863.21 Injury, duodenum—*see* Injury,
internal duodenum

Injury, internal, duodenum

Exercise 19.6

1. 871.3 Avulsion, eye
2. 897.1 Amputation, traumatic, leg, below
knee, complicated

*See note that defines "complicated"
as delayed healing*
3. 877.0 Wound, open, buttock
4. 881.22 Wound, open, wrist, with tendon
involvement
5. 872.00 Laceration, external ear—no entry
Laceration—*see also* Wound,
open, by site
Wound, open, ear, external

Exercise 19.7

1. 942.22 Burn, chest wall, second degree

941.10 Burn, face (see burn, head),
first degree 941.10
2. 943.41 Burn, forearm, third degree, deep
3. 942.34 Burn, back, third degree

948.22 Burn, extent, 20–29 percent
Fifth digit 2 = 20–29 percent
4. 948.31 Burn, extent, 30 percent
Fifth digit 1 = 10–19 percent
5. 944.25 Burn, palm, second degree
6. 943.23 Burn, arm, upper, second degree

944.20 Burn, hand, second degree
7. 945.26 Burn, thigh, second degree

958.3 Burn, infected
8. 945.29 Burn, legs, multiple, second degree
9. 942.34 Burn, full thickness – *see*
Burn by site third degree
- Burn, back, third degree
10. 943.35 Burn, shoulder, third degree

941.26 Burn, scalp, second degree

Exercise 19.8

1. 891.2 Wound, open, leg, lower,
with tendon involvement

904.51 Injury, artery—*see also* injury,
blood vessel, by site

Injury, blood vessel, tibial,
artery, anterior
2. 913.5 Bite, insect, nonvenomous—*see*
Injury, superficial, by site

Injury, superficial, elbow

Fourth digit 5 = insect bite,
nonvenomous, infected

3.	924.10	Contusion, leg, lower (with knee)	E933.0	Table of Drugs & Chemicals, Periactin, External Cause, Therapeutic Use	
4.	952.00	Injury, spinal cord, cervical (C1–C4)			
5.	927.20	Crush, crushed, crushing injury, hand, except fingers alone (and wrist)	5.	342.90	Hemiplegia
		Crush, crushed, crushing injury, wrist, with hand(s) except fingers alone		909.5	Late, effect(s), adverse effect of drug, medicinal or biological substance
Exercise 19.9			E932.2	Table of Drugs & Chemicals, Enovid, External Cause, Therapeutic Use	
1.	934.1	Foreign body, entering through orifice, bronchus			
	98.15	Removal, foreign body, bronchus	Exercise 20.2		
2.	930.9	Foreign body, entering through orifice, eye	1.	995.27	Allergy, drug
				E947.9	Table of Drugs & Chemicals, “Drug”, External Cause, Therapeutic Use
3.	936	Foreign body, entering through orifice, colon	2.	909.5	Late, effect(s), adverse effect of drug, medicinal or biological substance
4.	932	Foreign body, entering through orifice, nose		E931.0	Table of Drugs & Chemicals, Sulfonamide, External Cause, Therapeutic Use
5.	931	Foreign body, entering through orifice, ear	3.	796.0	Toxicity, Dilantin, asymptomatic; query the physician to obtain the correct E code

Chapter 20 Injury and Poisoning II

Exercise 20.1

1.	781.3	Ataxia	E936.1	Table of Drugs & Chemicals, Dilantin, External Cause, Therapeutic Use	
	E936.3	Table of Drugs & Chemicals, Carbamazepine, External Cause, Therapeutic Use	4.	693.0	Rash
	E930.3	Table of Drugs & Chemicals, Erythromycin, External Cause, Therapeutic Use		E947.9	Table of Drugs & Chemicals, Drug, External Cause, Therapeutic Use
2.	780.4	Vertigo	Exercise 20.3		
	E947.8	Table of Drugs & Chemicals, radio-opaque (drugs) (material), External Cause, Therapeutic Use	1.	962.2	Table of Drugs & Chemicals, contraceptives (oral), poisoning
		Table of Drugs & Chemicals, dye, diagnostic agents, External Cause, Therapeutic Use		E858.0	Table of Drugs & Chemicals, contraceptives (oral), External Cause, Accidental
3.	564.09	Constipation		530.3	Stricture, esophagus
	E933.1	Table of Drugs & Chemicals, Oncovin, External Cause, Therapeutic Use		909.1	Late, effect(s), toxic effect, nonmedical substance
	201.90	Hodgkin's disease		E929.2	E-Code Index
		Fifth digit 0 = unspecified site, extranodal and solid organ sites			Late effect of, poisoning, accidental
4.	780.09	Drowsiness	3.	969.4	Table of Drugs & Chemicals, Valium, poisoning
				980.0	Table of Drugs & Chemicals, Alcohol, absolute, beverage, poisoning

	780.97	Listlessness	2.	998.32	Dehiscence, operative wound
	E980.3	Table of Drugs & Chemicals, Valium, External Cause, Undetermined	3.	965.02	Table of Drugs & Chemicals, Methadone, poisoning
	E980.9	Table of Drugs & Chemicals, Alcohol, External Cause, undetermined		E950.0	Table of Drugs & Chemicals, Methadone, External Cause, suicide attempt
4.	984.0	Table of Drugs & Chemicals, Lead paint, poisoning	4.	958.0	Embolism, air
	E861.5	Table of Drugs & Chemicals, Lead paint, External Cause, accidental	5.	823.90	Fracture, tibia, open (compound)
5.	986	Table of Drugs & Chemicals, Carbon monoxide, poisoning		79.36	Reduction, fracture, tibia, open, with internal fixation
	E952.0	Table of Drugs & Chemicals, Carbon monoxide, External Cause, suicide attempt	6.	920	Contusion, cheek
	E849.0	Place of occurrence: Home (garage)		923.10	Contusion, forearm
Exercise 20.4			7.	813.41	Fracture, Colles'
1.	996.63	Complication, infection, ventricle shunt		79.02	Reduction, fracture, radius
2.	996.54	Displacement/displaced, internal prosthesis— <i>see</i> Complications, mechanical	8.	881.20	Wound, open, forearm, with tendon involvement
		Complications, mechanical, prosthesis, breast	9.	974.3	Table of Drugs & Chemicals, Diuril, poisoning
		Complications, mechanical, implant, prosthetic, in, breast		980.0	Table of Drugs & Chemicals, alcohol, absolute, beverage
		Complications, due to (presence of) any device, implant, or graft classified to 996.0–996.5		780.2	Syncope
		Tabular List—review all codes in subcategory		E858.5	Table of Drugs & Chemicals, Diuril, External Cause, accident
3.	996.02	Leakage, device— <i>see</i> Complications, mechanical, heart valve prosthesis		E860.0	Table of Drugs & Chemicals, Alcohol, absolute, beverage, External Cause, accident
4.	997.2	Thrombophlebitis, postoperative	10.	787.03	Vomiting
	451.0	Thrombophlebitis, leg, superficial (vessels)		198.5	Neoplasm, bone, malignant, secondary
5.	383.30	Complication, postmastoidectomy		199.1	Neoplasm, unknown site or malignant, primary
Review Exercise: Chapters 19 and 20				E933.1	Table of Drugs & Chemicals, External Cause, Therapeutic Use
1.	708.0	Urticaria		Cytosan,	
	E930.4	Table of Drugs & Chemicals, Tetracycline, therapeutic use	11.	996.42	Dislocation, prosthesis, internal— <i>see</i> Complications, mechanical
					Complication, mechanical, orthopedic device, internal, mechanical, dislocation

	V43.64	Replacement, joint, hip Status, organ replacement, joint, hip			Acetaminophen, External Cause, suicide attempt
	79.75	Reduction, dislocation, hip (closed)		E950.4	Table of Drugs & Chemicals, Ampicillin, External Cause, suicide attempt
12.	998.59	Infection, postoperative wound			
	682.6	Cellulitis, leg (Use additional code, if desired, to identify any infectious organism.)	16.	997.31	Pneumonia, ventilator associated
	041.11	Infection, staphylococcus aureus	17.	998.32	Disruption, wound, external
13.	574.10	Cholelithiasis, with, cholecystitis, chronic	18.	999.2	Thrombophlebitis, following infusion
		Fifth digit 0 = without mention of obstruction	19.	999.89	Reaction, transfusion— <i>see</i> Complications, transfusion
	997.39	Atelectasis—no subterm for postoperative Have to know to code this as a complication of surgical procedure Complication, surgical procedure, no atelectasis Complication, surgical procedure, respiratory	20.	999.31	Infection, due to, central venous catheter
	518.0	Atelectasis	Chapter 21 Supplementary Classifications—E Codes (External Causes of Injury and Poisoning)		
	51.22	Cholecystectomy	Exercise 21.1		
	87.53	Cholangiogram, Intraoperative	1.	E883.9	Fall, into, hole
14.	850.0	Concussion, without loss of consciousness	2.	E884.1	Fall, from, cliff
	913.0	Abrasion— <i>see</i> Injury, superficial, by site Injury, superficial, elbow Fourth digit = type of injury = 0 = abrasion without mention of infection	3.	E923.0	Fireworks
	917.0	Injury, superficial, foot Fourth digit = type of injury = 0 = abrasion without mention of infection	4.	E924.0	Burn, hot, liquid
15.	965.4	Table of Drugs & Chemicals, Tylenol—no entry Table of Drugs & Chemicals, Acetaminophen, poisoning	5.	E886.0	Tackle in sport
	960.0	Table of Drugs & Chemicals, Ampicillin, poisoning	Exercise 21.2		
	311	Depression	1.	(k)	Off-road motor vehicle
	E950.0	Table of Drugs & Chemicals,	2.	(r)	Pedestrian
			3.	(u)	Aircraft
			4.	(i)	Motor vehicle
			5.	(q)	Pedestrian conveyance
			Exercise 21.3		
			1.	E911	Choking on, food any type
				E849.4	Accident, occurring, school, riding
			2.	E917.0	Striking against, object, in sports
					Hit/hitting, object, projected or thrown— <i>see</i> Striking against

	E849.4	Accident, occurring, baseball field	E929.0	Index to External Causes
3.	E885.9	Slipping, on, surface, slippery		Late effect of, motor vehicle accident
	E849.6	Accident, occurring, store	2. 784.0	Headache
4.	E916	Fall/Falling, timber	905.0	Late, effects, fracture, skull
	E849.8	Accident, occurring, forest	E929.3	Index to External Causes Late effect of, fall
5.	E910.2	Cramp, swimmer's	3. 470	Deviation, septum (nasal) (acquired)
	E849.0	Accident, occurring, swimming pool, private home or garden	905.0 E929.8	Late, effect, fracture, face and skull Index to External Causes Late effect of, accident, specified (No entry for sports injury, but this is a specified accident)
Exercise 21.4				
1.	E804.1	Fall, while alighting from boarding/entering/leaving, railway train	4. 709.2 906.7	Scars Late, effect, burn, extremities
		Fall, from/off, railway rolling stock/train/vehicle (while alighting, boarding)	E929.4	Index to External Causes Late effect of, fire, accident caused by
		Fourth digit 1 = passenger		
2.	E827.0	Knocked down, transport vehicle— <i>see</i> vehicle involved under Hit by	5. 348.1	Damage, cerebral— <i>see</i> Damage, brain Damage, brain, anoxic/hypoxic Anoxia, cerebral
		Hit/Hitting, vehicle— <i>see</i> Accident, vehicle Accident, animal-drawn vehicle	906.0 E969	Late, effect, wound, open, head Index to External Causes
		Fourth digit 0 = pedestrian		Late effect of, homicide, attempt (any means)
3.	E834.3	Fall, from, gangplank, to dock		
		Fourth digit 3 = occupant of other watercraft other than crew		
4.	E828.2	Thrown, from, animal (being ridden)		
		Fourth digit 2 = rider of animal		
5.	E838.4	Hit/Hitting by, boat, while swimming, waterskiing		
		Fourth digit 4 = water-skier		
Exercise 21.5				
1.	730.25	Osteomyelitis		
		Fifth digit 5 = pelvic region and thigh		
	905.4	Late, effects, fracture, extremity, lower		
Chapter 22 Late Effects				
Exercise 22.1				
1.		Residual—Tendon contracture Cause—Poliomyelitis		
2.		Residual—Mental retardation Cause—Viral encephalitis		
3.		Residual—Seizure disorder Cause—Intracranial abscess		
4.		Residual—Aphasia Cause—Cerebrovascular accident		
5.		Residual—Paralysis Cause—Radial nerve injury		
Exercise 22.2				
1.	345.90	Seizures, recurrent		

and Contact with Health Services)**Exercise 23.1**

1.	V01.1	Exposure, to, tuberculosis
2.	V25.2	Admission, for, sterilization
	66.22	Ligation, fallopian tubes, with, division, by endoscopy
3.	V16.0	History, family, malignant neoplasm, colon
4.	V32.01	Newborn, twin, mate stillborn, born in hospital Fifth digit 1 = delivered by cesarean section
5.	V28.0	Screening, antenatal, based on amniocentesis, chromosomal anomalies
	75.1	Amniocentesis

Exercise 23.2

1.	V42.0	Transplant, kidney
2.	V54.89	Encounter for, no entry regarding case— <i>see also</i> Admission for Admission for cast removal— <i>see</i> No entry Admission for removal of cast Aftercare, involving, removal of, fixation device, external Aftercare, orthopedic, removal of fixation device, external Removal, cast
3.	V59.3	Admission, as organ donor— <i>ee</i> Donor Donor, bone, marrow Aspiration, bone marrow
4.	V58.11	Admission, for, (encounter, for) chemotherapy Chemotherapy, encounter (for)
	201.90	Lymphoma, Hodgkin's Hodgkin's, lymphoma Fifth digit 0 = unspecified site
	99.25	Chemotherapy

	326	Late, effect, encephalitis
2.	733.81	Malunion, fracture
	905.2	Late, effect, fracture, extremity, upper
3.	906.1	Late, effect, wound, open, extremity
4.	344.1	Paraplegia
	907.2	Late, effect, injury, spinal, cord
5.	701.4	Keloid
	906.4	Late, effect, crushing (injury)
6.	438.22	Late effect, cerebrovascular disease, with hemiplegia, affecting, nondominant side
7.	716.17	Arthritis, traumatic Fifth digit 7 = ankle
	905.4	Late, effect, fracture, extremity, lower
8.	709.2	Scar
	906.7	Late, effect, burn, extremity
9.	718.43	Contraction/Contracture, joint, wrist
	138	Late, effect, poliomyelitis
10.	244.1	Hypothyroidism due to irradiation (therapy)
	909.2	Late, effects, radiation
11.	438.82	Late, effect, cerebrovascular disease, with dysphagia
12.	736.05	Drop, wrist
	907.4	Late, effect, injury, nerve, upper limb
13.	389.21	Loss, hearing, mixed conductive and sensorineural, unilateral
	905.0	Late, effect, fracture, skull and face
14.	621.8	Deformity, uterus, acquired
	677	Late, effect, complication, delivery
15.	438.7	Late, effect, cerebrovascular disease, with, disturbance of vision
	368.2	Double, vision or Diplopia (See use additional code note at 438.7)

**Chapter 23: Supplementary
Classifications—V Codes
(Factors Influencing Health Status**

5.	V53.31	Reprogramming, cardiac pacemaker Admission, for, reprogramming of cardiac pacemaker			Deficit, neurologic, due to, cerebrovascular lesion, late effect— <i>see</i> Late effects of cerebrovascular disease
6.	V50.2	Admission, for, circumcision Circumcision, routine	93.83		Therapy, occupational Occupational therapy
	64.0	Circumcision			
7.	V55.0	Replacement, no entry for tracheostomy tube— <i>see also</i> Fitting of Tracheostomy, attention to (Alpha Index to Diseases) Fitting of, no entry for tracheostomy tube Have to know to use index entry "Attention to" Attention to, tracheostomy	10.	V52.1	Encounter for fitting, no entry — <i>ee also</i> Admission for Admission, for, fitting, artificial, leg Fitting, artificial leg Fitting, prosthesis/prosthetic, leg, below knee
	97.23	Replacement, tube, tracheostomy			
8.	V56.0	Encounter for dialysis, no entry— <i>see also</i> Admission for Admission, for, dialysis Dialysis, renal	89.26		Examination, cervical Papanicolaou smear, as part of gynecological examination Examination, gynecologic
	585.6	Disease, renal, end-stage	91.46		Examination, microscopic, cervix Fourth digit 6 = cell block and Papanicolaou smear
	39.95	Hemodialysis	2.	V71.3	Observation, accident, at work
9.	V57.21	Encounter for occupational therapy, no entry— <i>see also</i> Admission for Admission, for, occupational therapy Admission for, rehabilitation, occupational Admission, for, therapy, occupational Therapy, occupational Occupational, therapy	3.	V71.1	Observation, malignant neoplasm, suspected Examination, microscopic, cervix Fourth digit 6 = cell block and Papanicolaou smear
	438.0	Accident, cerebrovascular, old— <i>see</i> Late effects Late effect, cerebrovascular, with, cognitive deficits	4.	789.00	Pain, abdominal Fifth digit 0 = unspecified site
				87.61	Radiology, digestive tract, barium swallow
			5.	V67.09	Follow-up, specified, surgery (colon resection)
				V10.05	History, malignant neoplasm, personal, colon
				45.23	Colonoscopy
			6.	191.9	Neoplasm, brain, malignant, primary

Review Exercise: Chapter 23

		Glioblastoma, giant cell, specified site – see Neoplasm, by site, malignant		inner quadrant, malignant, primary
			99.25	Chemotherapy
V66.7		Palliative care		
		Care, palliative		
7.	V70.0	Examination, medical, general, routine		
8.	V72.0	Examination, eye		abortion, legal
9.	V79.3	Screening, developmental, in early childhood (infant)		Fifth digit 2 = complete
10.	780.79	Fatigue (No code V72.6 for laboratory test if reason for test is known)	647.53	Pregnancy, complicated by, rubella Pregnancy, complicated by, current disease or condition, rubella
11.	V82.81	Screening (for), osteoporosis		Fifth digit 3 = antepartum, not delivered, used with abortion codes
12.	V57.1	Encounter for physical therapy, no entry— <i>see also</i> Admission for	69.51	Curettage, uterus, aspiration, to terminate pregnancy
		Admission, for, physical therapy		Aspiration, curettage, to terminate pregnancy
		Admission, for, rehabilitation, physical	2.	675.14
		Admission, for, therapy, physical		Abscess, breast, puerperal/postpartum
		Therapy, physical		Puerperal, abscess, breast
		Physical therapy NEC		Fifth digit 4 = postpartum condition
V49.75		Status (post), amputation—no entry Amputation status— <i>see</i> Absence, by site, acquired	3.	153.2
		Absence, leg, below knee		Neoplasm, colon— <i>see</i> Neoplasm, intestine, large
93.39		Therapy, physical		Neoplasm, intestine, large, colon, descending, malignant, primary
		Physical therapy		Neoplasm, lymph nodes, mesenteric, malignant, secondary
13.	V43.3	Status (post), organ replacement, heart, valve	46.13 M8140/3	Colostomy, permanent Adenocarcinoma, NOS
14.	V59.4	Admission, as organ donor— <i>see</i> Donor Donor, kidney	M8140/6	Adenocarcinoma, metastatic, NOS
	55.51	Nephrectomy	4.	295.35
				Schizophrenia, paranoid
				Fifth digit 5 = in remission
15.	V58.11	Encounter for, chemotherapy Admission, chemotherapy Chemotherapy, encounter for	5.	331.4
				Hydrocephalus (obstructive)
	174.2	Neoplasm, breast, upper	02.32	Shunt, ventriculoatrial Shunt, ventricular, to, circulatory system

Coding Self-Test

6.	332.1	Parkinsonism, secondary	17.	331.81	Syndrome, Reye's
	E939.2	Table of Drugs & Chemicals, haloperidol, external cause, therapeutic use			Reye's syndrome
7.	250.73	Diabetes, gangrene 250.7 [785.4]	18.	942.42 945.40	Burn, chest, third-degree, deep Burn, leg, third-degree, deep
		Fifth digit 3 = Type I, uncontrolled	19.	310.9	Syndrome, brain (chronic)
	785.4	Gangrene, diabetic 250.7 [785.4]		437.0	Brain, syndrome Arteriosclerosis, cerebral
8.	V32.01	Newborn, twin, mate stillborn, born in hospital	20.	800.29	Fracture, frontal (bone) — <i>see</i> Fracture, skull, vault
		Fifth digit 1 = delivered by cesarean delivery			Fracture, skull, vault, with subarachnoid hemorrhage
	775.0	Hypoglycemia, in infant of diabetic mother		E819.0	Fifth digit 9 = with concussion Concussion not coded separately Accident, motor vehicle
9.	V14.2	History, allergy to, sulfa			Fourth digit 0 = driver of motor vehicle other than motorcycle
10.	V56.0	Admission, dialysis, renal	21.	011.04	Tuberculosis, lung— <i>see</i> Tuberculosis, pulmonary
		Dialysis, renal			Tuberculosis, pulmonary, infiltrative
	585.6	Disease, kidney, chronic, stage V, on dialysis			Fifth digit 4 = confirmed by bacterial culture
	39.95	Hemodialysis		015.01	Tuberculosis, spondylitis 015.0 [720.81]
11.	493.20	Asthma, with, chronic obstructive pulmonary disease (COPD)			Spondylitis, tuberculous 015.0 [720.81]
		Disease, lung, obstructive (chronic) (COPD), with, asthma (chronic) (obstructive)			Fifth digit 1 = bacterial or histological examination not done
12.	411.1	Angina, unstable		720.81	Spondylitis, tuberculous
13.	780.4	Dizziness	22.	620.2	Cyst, ovary/ovarian, retention
14.	404.90	Hypertension/hypertensive, with heart, with kidney— <i>see</i> Hypertension, cardiorenal		65.25	Oophorectomy, partial, laparoscopic
		Hypertension, cardiorenal, with, kidney disease, stage III	23.	088.81	Lyme disease Disease, Lyme
	585.3	Disease, kidney, chronic, stage III		711.80	Arthritis, due to, Lyme disease 088.81 [711.8]
15.	280.0	Anemia, iron deficiency, due to blood loss (chronic)	24.	790.92	Findings, abnormal, prothrombin time
16.	577.2	Pancreatitis, cystic			

		Abnormal, test results without manifest disease— <i>see</i> Findings, abnormal	31.	174.4	Carcinoma, infiltrating duct, unspecified site but upper outer quadrant is a clue to the site of breast; also Carcinoma, infiltrating duct means the breast is primary site
		Abnormal, laboratory findings— <i>see</i> Findings, abnormal			
25.	746.7	Hypoplasia, heart, left (syndrome)		M8500/3	Carcinoma, infiltrating duct
		Syndrome, hypoplastic left heart		198.5	Neoplasm, bone, malignant, secondary
26.	969.0	Table of Drugs & Chemicals, amitriptyline, poisoning			Carcinoma
	785.0	Tachycardia		M8010/6	Carcinoma, metastatic
	E950.3	Table of Drugs & Chemicals, amitriptyline, external cause, suicide attempt	32.	250.83	Diabetes/diabetic, hypoglycemic shock
					Hypoglycemic shock, diabetic
27.	812.00	Fracture, shoulder— <i>see</i> Fracture, humerus, upper end			Hypoglycemia, diabetic
		Fracture, humerus, upper end			Fifth digit 3 = Type I, uncontrolled
	E881.0	Index to External Causes	33.	289.4	Hypersplenism (known underlying cause of thrombocytopenia)
		Fall, from/off, ladder		287.4	Thrombocytopenia, secondary
	E849.0	Accident, occurring, home (private) (residential)		41.5	Splenectomy
	79.01	Reduction, fracture, humerus (closed)	34.	482.41	Pneumonia, due to, staphylococcus aureus
28.	702.11	Seborrhea/seborrheic, keratosis, inflamed		33.22	Bronchoscopy, fiberoptic
		Keratosis, seborrheic, inflamed	35.	531.00	Ulcer, stomach, acute, with, hemorrhage
	86.3	Cryotherapy, skin			Fifth digit 0 = without mention of obstruction
29.	318.0	Retardation, mental, moderate			Ulcer, peptic = 533; <i>see</i> excludes note—
	326	Late, effects, meningitis, bacterial— <i>see</i> category 326		45.16	peptic ulcer: gastric 531
		Meningitis, late effect— <i>see</i> Late, effect, meningitis	36.	582.4	Esophagogastroduodenoscopy, with closed biopsy
30.	099.53	Vaginitis, chlamydial <i>See</i> “use additional code” note under code 099.53 to specify site of infection, such as vagina and vulva (616.11)			Glomerulonephritis, chronic, rapidly progressive
	616.11	No entry under vaginitis to indicate vaginitis in diseases classified elsewhere		55.23	Glomerulonephritis, rapidly progressive, chronic
					Biopsy, kidney, Percutaneous
			37.	414.02	Disease, coronary (<i>see also</i> Ischemia, heart) 414.9

			788.30	Incontinence, urine
	Refer to Tabular List and review other subcategories under 414		58.5	Release, urethral stricture
	Arteriosclerosis, coronary, graft — <i>see</i> Arteriosclerosis, bypass graft	42.	705.83	Hidradenitis (suppurative)
			86.4	Excision, skin, radical (wide)
	Arteriosclerosis, bypass graft, coronary, autologous vein		86.69	Graft, skin (partial thickness)
36.16	Bypass, internal mammary-coronary artery, double vessel	43.	965.01	Table of Drugs & Chemicals, heroin, poisoning
36.11	Bypass, aortocoronary, one coronary vessel		780.01	Coma
39.61	Bypass, heart-lung		304.70	Dependence, drug, combination, morphine or opioid-type drug with any other drug
	Extracorporeal, circulation		E850.0	Table of Drugs & Chemicals, heroin, external cause, accidental
38.	V67.09 Examination, follow-up, specified surgery (partial cystectomy)			
	Follow-up, specified, surgery	44.	795.5	Positive, skin test, tuberculin
	V10.51 History, malignant neoplasm, bladder			Findings, abnormal, skin test, positive, tuberculin
	57.33 Cystoscopy, with biopsy	45.	862.9	Gunshot wound, internal organs— <i>see</i> Injury, internal, by site, with open wound
39.	715.36 Disease, joint, knee 719.96			Injury, internal, intrathoracic, with open wound
	Disease, degenerative— <i>see also</i> Degeneration			
	Degeneration, joint disease 715.9— <i>see also</i> Osteoarthritis			
	Osteoarthritis (degenerative), localized		E965.0	Index to External Causes Gunshot wound— <i>see also</i> Shooting E922.9 Shooting, homicide (attempt), handgun
	Fifth digit 6 = lower leg, includes knee by definition			
	81.54 Replacement, knee		E849.5	Accident, occurring, street
40.	200.20 Lymphoma (malignant), undifferentiated, Burkitt's type		34.02	Thoracotomy, exploratory
	Lymphoma (malignant), Burkitt's type (undifferentiated)	46.	V58.11	Admission, chemotherapy Encounter for, chemotherapy
	M9750/3 Lymphoma (malignant), Burkitt's type (undifferentiated)		183.0	Neoplasm, ovary, malignant, primary
	41.31 Aspiration, bone marrow		M8010/3	Carcinoma, primary
41.	598.2 Stricture, urethra, Postcatheterization		196.6	Neoplasm, lymph, gland, intrapelvic, malignant, secondary

	M8010/6	Carcinoma, metastatic		Fifth digit 1 = delivered, with or without mention of antepartum condition
	99.25	Chemotherapy		
47.	750.5	Hypertrophy/hypertrophic, pylorus, congenital/infantile	V27.0	Outcome of delivery, single, liveborn
		Stenosis, pylorus (hypertrophic), congenital/infantile	672.02	Pregnancy, complicated by, fever—no entry
	43.3	Pyloromyotomy		Delivery, complicated by fever during labor—this case described as postpartum
48.	717.43	Derangement, meniscus, lateral, posterior horn		Fever, puerperal/postpartum
		Derangement, joint, knee 717.9		Puerperal, fever, meaning pyrexia (of unknown origin)
		Refer to Tabular List and review other subcategories under 717		Pyrexia, puerperal
		Derangement, knee 717.9—review other subcategories under 717		Fourth digit 0 = fill in digit
		Please note if more information was supplied as to the type of past sports injury, such as a sprain or tendon injury, a late effect code might be added.	648.31	Fifth digit 2 = delivered, with mention of postpartum complication
	80.26	Arthroscopy, knee		Pregnancy, complicated, drug dependence
49.	716.13	Arthritis, traumatic Fifth digit 3 = forearm, includes wrist by definition		Pregnancy, complicated, current disease or condition, drug dependence
	905.2	Late, effect, fracture, extremity, upper		Fifth digit 1 = delivered, with or without mention of antepartum condition
	E929.3	Index to External Causes Late effect of, fall	304.31	Refer to Tabular under category 648—use additional code to identify condition
50.	644.21	Delivery, premature, labor		Dependence, marihuana Fifth digit 1 = continuous