1. Chapter 1, Case Study 2, Page 9 Answers Page 145

Correct Answer

T81.4xxA  Infection following a procedure, initial encounter
A41.01  Sepsis due to Staphylococcus aureus
B95.61  Methicillin susceptible Staphylococcus
D72.829  Elevated white blood cell count, unspecified
D64.9  Anemia, unspecified
E10.9  Type 1 diabetes mellitus without complications
Z95.1  Presence of coronary artery by-pass graft

*Rationale:* The first diagnosis should be reason for the primary treatment, which is the post procedural infection. The guidelines direct that an additional code is reported for the infection, which is A41.01 as the secondary diagnosis. Because the provider indicated the patient has leukocytosis, anemia, and type 1 diabetes, and all the conditions can be affected by the infection, they can all be reported as additional diagnoses.

2. Chapter 1, Case Study 8, Page 12, Answers Page 146

Correct Answer

B47.0  Eumycetoma
S91.321S  Laceration with foreign body, right foot, sequela encounter
W45.8xxS  Other foreign body or object entering through skin, sequel

*Rationale:* The open wound of the foot is reported as the subsequent encounter. The infection is coded in addition to treatment of the wound. Because the infection is a late effect of the wound, the seventh character S is reported for sequela. Madura of the foot, which is the infectious process, is reported with B47.0 (Eumycetoma). In addition the external cause code, which is optional, can be reported.
3. Chapter 2, Case Study 4, Page 19, Answers Page 146

Correct Answer

C78.7  Secondary malignant neoplasm of liver and intrahepatic bile duct
C79.89 Secondary malignant neoplasm of other specified sites (for the abdominal cavity)
C18.9  Malignant neoplasm of colon, unspecified (primary site)
Z87.891 Personal history of nicotine dependence

Rationale: Because the patient has metastatic colon cancer (primary/origin), the code is referenced in the Alphabetic Index under the main term Colon and selected from the primary column and verified in the Tabular List (C18.9). The documentation also indicates the cancer metastasized to the liver and abdominal cavity, so C78.7 and C79.89 is reported. Also, since the history indicates the patient was a smoker 15 years ago, personal history (Z87.891) would be reported.

4. Chapter 6, Case Study 17, Page 77

Correct Answer

G91.3  Post-traumatic hydrocephalus, unspecified

Rationale: The postoperative diagnosis is post-traumatic hydrocephalus and is reference in the Alphabetic Index as Hydrocephalus – post traumatic and verified in the Tabular List.

5. Chapter 6, Case Study 13, Page 75, Answer Page 156

Correct Answer

J44.0  Chronic obstructive pulmonary disease with acute lower respiratory infection
F17.210 Nicotine dependence, cigarettes, uncomplicated

Rationale: The Alphabetic Index is referenced with the main term Disease-pulmonary-chronic obstruction with asthma (J44.0) and verified in the Tabular List. The documentation also indicates in the history of present illness that the patient is a smoker, and nicotine dependence is reported as a secondary diagnosis.
6. Chapter 8, Case Study 19, Page 100, Answer Page 161

Correct Answer

M84.451A  Pathological fracture, right femur
M19.90    Unspecified osteoarthritis, unspecified site
E03.9     Hypothyroidism, unspecified
G90.09    Other idiopathic peripheral autonomic neuropathy
W18.30xA Fall on same level, unspecified, initial encounter
Y92.038   Other place in apartment as the place of occurrence of the external cause
Y99.8     Other external cause status

Rationale: The fall should be reported as well as the place of occurrence, which is referenced in the Alphabetic Index to External Causes. Since the home is a condominium, it is coded in the category “apartment”. The fracture is referenced as fracture-pathological-femur-right. The seventh character A is reported for the initial encounter.

7. Chapter 9, Case Study 11, Page 113, Answer Page 162

Correct Answer

O36.4xx0 Maternal care for intrauterine death (one fetus)
O70.2    Third degree perineal laceration during delivery
Z37.1    Single stillbirth
Z3A.37   37 weeks gestation of pregnancy

Rationale: The Alphabetic Index can be referenced under the main term: Death-intrauterine-O36.4xx0 (fetus 1). The documentation indicates the still birth was affected by the compression of the umbilical cord. The outcomes of delivery must be reported as a single stillbirth (Z37.1). In addition the third degree perineal laceration during delivery, is reported as O70.2 and the weeks of gestation should also be reported (Z3A.37).
8. Chapter 9, Case Study 12, Page 114, Answer Page 162

Correct Answer

O69.81x0 Labor and delivery complicated by cord around neck, without compression (one fetus)
Z37.0 Single live birth
Z3A.38 38 weeks gestation of pregnancy

Rationale: The Alphabetic Index can be referenced under the main term: Delivery – complicated by. The seventh character reports fetus 1. The dummy placeholder x is built into the code to allow for the seventh character. The single live birth should also be reported on the maternal record to report the outcome of delivery.

9. Chapter 10, Case Study 19, Page 133, Answer Page 165

Correct Answer

First listed diagnosis: T23.301A Burn of third degree of right hand, unspecified site, Initial encounter
Second listed diagnosis: X04.xxxA Exposure to ignition of gasoline, Initial encounter
Additional diagnosis: Y92.096 Yard, private residence as the place of occurrence of the external cause
Y99.8 Other external cause status

Rationale: The secondary diagnosis X04, is a three-character code, but it requires the seventh character. Because a seventh character is required to identify the encounter, the placeholder (x) must be added to the code. The place of the occurrence should also be reported. Burns are reported by site, degree, encounter, and, if third degree, the Total Body Surface Area (TBSA). We don’t know the TBSA so it not reported in this instance. Because this patient encounter is for treatment to re-excise the burns, the seventh character is A. The seventh character A for the initial encounter is reported during the course of treatment for the burn. The Official Guidelines for Coding and Reporting indicate that the initial encounter seventh character is used while the patient is receiving active treatment for the condition.