Chapter 19: Basics of Procedural Coding
Study Guide Answer Keys

VOCABULARY REVIEW
1. I
2. bundled
3. abstract
4. Guidelines
5. III
6. eponym
7. unbundled
8. modifiers
9. sections
10. acronyms

**OPTIONAL CODING EXERCISES**
1. Dr. Smith visits Eula Fairbanks, a patient with dementia, in the nursing home for less than 30 minutes.
   Answer: 99335

2. Jessica Lundy, a newborn, was admitted to the pediatric critical care unit after her birth, whereby Dr. Williams provided her initial care.
   Answer: 99468

3. Because Lucille Westerman had multiple health problems, she was admitted for observation after a fainting spell. Dr. Adams took a comprehensive history and performed a thorough examination and then made medical decisions of high complexity regarding her care.
   Answer: 99236

4. Dr. Wray saw Tammy Luttrell in the office as a new patient. He took a detailed history and performed a detailed examination and then made medical decisions of low complexity.
   Answer: 99203

5. Sylvia Julius saw Dr. Bridges for her allergies. The physician took a problem-focused history, performed a problem-focused examination, and made straightforward decisions regarding her care.
   Answer: 99212

6. Bonnie Sadler comes to the office to have blood work drawn for an obstetric panel. What is the code for the obstetric panel only?
   Answer: 80055

7. The office charges Bonnie Sadler, a college student, for drawing a blood specimen. What is the code for venipuncture?
   Answer: 36415

   Answer: 43633

9. Kim Errant had an outpatient kidney imaging with vascular flow to make certain that her kidneys were functioning normally.
   Answer: 78701

10. Georgie Ebersol had blood drawn for a total bilirubin. Code the blood test only.
    Answer: 82247

11. Roy Messing’s urine was tested for total protein.
    Answer: 84156

12. Jerry Orchard was tested for his blood alcohol level.
    Answer: 82055
13. Andrea Adams has a bleeding disorder and has to undergo regular coagulation time tests. Her physician uses the Lee and White method.  
Answer: 85345

14. Dr. Airheart sent Roberto’s specimen to the microbiology laboratory to check for *Cryptosporidium* organisms.  
Answer: 87328

15. The body was sent to the county medical examiner’s office for a forensic autopsy, which was performed by Dr. Stein.  
Answer: 88040

16. Jonathan Boyd was required to have a polio vaccine by his school. He received an oral dose. Code only the vaccine.  
Answer: 90712

17. Julia Anderson has a lithium level drawn to make certain that her dosage was accurate and appropriate.  
Answer: 80178

18. Cynthia Hernandez was exposed to hepatitis, so her physician ordered an acute hepatitis panel.  
Answer: 80074

19. Sam Livingston, a baby in the neonatal unit, had total bilirubin tests drawn each morning.  
Answer: 82247

20. Susan’s husband has blood drawn regularly to measure his quinidine levels.  
Answer: 80194

21. Bobby had to undergo treatment of a clavicular fracture, without manipulation, after his injury during a football game.  
Answer: 23500

22. Betty received anesthesia for the vaginal delivery of her child.  
Answer: 01960

23. Anesthesia was provided to Ron Smith, a brain-dead patient whose organs were being harvested for donation.  
Answer: 01990-P6

24. Dr. Partridge participated in a complex, lengthy telephone call regarding a patient who was scheduled for multiple surgeries.  
Answer: Code range: 99441-99443; not enough information to code this case

25. When Terri Anderson was involved in a major car accident, the ER physician took a comprehensive history and performed a thorough examination, and made highly complex decisions.  
Answer: 99285

26. Tim Taylor is a new patient with a small cyst on his back. Dr. Young took a problem-focused history and performed a problem-focused examination and then made straightforward medical decisions.  
Answer: 99201

27. Jim Angelo, an established patient, saw the physician for a minor cut on the back of his hand. The physician spent approximately 10 minutes with Jim.  
Answer: 99212
28. Vera Carpenter was admitted to the hospital for diabetes mellitus, congestive heart failure, and an infection of unknown origin. Dr. Antonetti performed a consultation that took about an hour, including the time spent writing orders in her medical record.
   **Answer:** 99253

29. Carla had a nasal polyp removed that was hindering her ability to breathe. The excision was a simple one and was performed in Dr. Wilson’s office.
   **Answer:** 30110

30. Darla’s son, Andy, was examined for pinworms.
   **Answer:** 87172

31. The police asked the laboratory technician to perform an arsenic test on a tube of blood.
   **Answer:** 82175

32. An incision was made into the newborn’s pyloric sphincter to allow food to travel through his digestive system.
   **Answer:** 43520

33. Ben, a 6-year-old, had his tonsils and adenoids removed after recurrent infections.
   **Answer:** 42820

34. Edward had one testicle removed because of a growing tumor attached to it. An inguinal approach was used, and during the surgery the physician explored the abdominal area to look for other growths.
   **Answer:** 54535

35. Alex’s mother insisted that she have her ears pierced by a physician so that the procedure would be as clean as possible.
   **Answer:** 69090

36. Fonda was diagnosed with an abdominal ectopic pregnancy, which Dr. Tomlinson removed surgically.
   **Answer:** 59130

37. The medical assistant performed a simple urinalysis, using a dipstick and a microscope to examine the specimen.
   **Answer:** 81000

38. Wayne had blood drawn for a CBC with an automated WBC.
   **Answer:** 85025

39. Paula had an inflammation somewhere inside her body, as evidenced by her sedimentation rate. The test was automated.
   **Answer:** 85652

40. Jimmie’s physician ordered computed tomography of his abdomen with contrast material.
   **Answer:** 74160

41. Joan had a laparoscopic biopsy of her left ovary.
   **Answer:** 49321

42. Craig had to undergo a direct repair of a ruptured aneurysm of the carotid artery, which was performed by neck incision.
   **Answer:** 35002

43. Emma was given a urine pregnancy test in the clinic before receiving x-ray examinations to diagnose her back disorder, using a color comparison test kit.
   **Answer:** 81025
44. Jennifer’s child was tested for serum albumin.  
   Answer: 82040

45. Angela had a qualitative lactose test using a urine specimen.  
   Answer: 83633

46. Sarah was required to have a blood chemistry test for methadone by her probation officer.  
   Answer: 83840

47. The two children that had been lost in the woods were tested for Rocky Mountain spotted fever.  
   Answer: 86000

48. Marcus has a total T-cell count every month.  
   Answer: 86359

49. After her needlestick injury, Felicia was tested for the hepatitis B surface antibody.  
   Answer: 86706

50. Dr. Torrid felt that Katrina might have the Epstein-Barr virus, so he tested for the early antigen.  
    Answer: 86663

51. Dr. Battson performed a chlamydia culture on the vaginal specimen.  
    Answer: 87110

52. Juan was given a test for herpes simplex, type 2.  
    Answer: 86696

53. Mr. Albertson was given a blood test for uric acid.  
    Answer: 84550

54. Derrick had a Western blot test last week. The interpretation and report are due back to the physician by tomorrow.  
    Answer: 84181

55. Roy had a urine test for total protein.  
    Answer: 84156

56. The emergency physician ordered a lead test on the small child, thinking that she had perhaps ingested some paint chips.  
    Answer: 83655

57. Joy has monthly blood tests to evaluate her iron-binding capacity.  
    Answer: 83550

58. Andi was tested for chromium yesterday and has a return appointment next week.  
    Answer: 82495

59. All gastric bypass patients are required to have a basic metabolic panel before surgery is scheduled.  
    Answer: 80048

60. June had an obstetric panel run on her second appointment with the physician.  
    Answer: 80055

61. Royce had a chest x-ray, single frontal view, to check for pneumonia.  
    Answer: 71010
62. Dr. True suspected that Joey had fractured his sternum, so he ordered an x-ray that would show two views of the bone.  
   **Answer:** 71120

63. Jessalyn had an MRI of her spinal canal and its contents.  
   **Answer:** 72141

64. Dr. Tompkins visited a new patient at her home and spent about 20 minutes diagnosing and treating her for the flu.  
   **Answer:** 99341

65. Dr. Revy was on standby for about 20 minutes while the decision was made as to whether the patient would have a cesarean section.  
   **Answer:** Standby services less than 30 minutes are not reported separately.

66. Judge Jordan has his blood checked for potassium levels monthly.  
   **Answer:** 84132

67. Steven Pauly needs a chest x-ray examination, and the physician has requested four views.  
   **Answer:** 71030

68. Linda Ellis had a complete hip x-ray examination with two views because her physician was considering hip replacement surgery.  
   **Answer:** 73510

69. Judy had a theophylline level drawn during her last office visit.  
   **Answer:** 80198

70. Joy had a closed treatment of a coccygeal fracture.  
   **Answer:** 27200

71. Mrs. Dickson went to see Dr. Donner for a complete radiologic examination of the scapula.  
   **Answer:** 73010

72. Bobbie returned to the physician’s office to have a short leg walking cast applied after wearing the larger cast for 4 weeks.  
   **Answer:** 29425

73. Dr. Angell ordered a radiologic examination of Sylvia’s mastoids, requesting two views.  
   **Answer:** 70120

74. Sammy had a uric acid test during his last office visit.  
   **Answer:** 84550

75. Peter asked his physician to repeat his CPK total because it had been slightly high on his last visit.  
   **Answer:** 82550

76. Bryce has a digoxin level drawn every 3 months.  
   **Answer:** 80162

77. The pathologist prepared tissue for drug analysis.  
   **Answer:** 80103

78. Julie was quite dehydrated for a week, so her physician ran an electrolyte panel.  
   **Answer:** 80051

79. Frank asked the physician how a magnesium level related to his illness.  
   **Answer:** 83735
80. Joel’s physician felt that he had an adrenal insufficiency, so he ordered an ACTH stimulation panel.
   Answer: 80400

81. All three children who lived in the condemned home were subjected to a quantitative carbon monoxide test.
   Answer: 82375

82. When Ariel turned 50, her physician recommended that she have an occult blood test annually.
   Answer: 82272

83. Most diabetics periodically have a blood glucose test performed at the physician’s office in addition to the test strip checks that they perform at home.
   Answer: 82947

84. Selenium can be detected with a blood test.
   Answer: 84255

85. Sarah’s infant returned to the physician’s office to have a PKU test a few weeks after she was born.
   Answer: 84030

86. Van Stephens had blood work done on Monday to check his triglycerides.
   Answer: 84478

87. Karry has been to the physician for several days in a row to have ovulation tests, which are done by visual color comparison.
   Answer: 84830

88. Samuel’s vitamin K test results were slightly below normal.
   Answer: 84597

89. Dr. Grant runs a spun microhematocrit on each of his pregnant patients at every prenatal visit.
   Answer: 85013

90. Trent had a serum folic acid test run this morning at his physician’s office.
   Answer: 82746
CASE STUDY

Find all procedures that need to be coded for billing purposes in the following text.

Roberta Sleether is a new patient who saw Dr. Morganstern, complaining of feeling tired all of the time. She stated that she was exhausted even after a full 8 hours of sleep at night. Roberta said that she did not have much of an appetite and that she had been eating mostly salads and chicken, with a bowl of fruit as snacks. She is not overweight and her blood pressure and other vital signs were normal. Dr. Morganstern decided to perform a CBC, an electrolyte panel, and a lipid panel. He also ordered a urinalysis, an iron-binding capacity, and a vitamin B₁₂ test. The physician asked if she had noticed any blood in her urine or stool, and she denied blood in the urine but did mention she had several episodes of diarrhea. Dr. Morganstern added an occult blood test as well as a stool culture to check for pathogens. The physician placed Roberta on multivitamin therapy and told her to return in 1 week to discuss her laboratory test results. He spent approximately 30 minutes with Roberta, taking a detailed history and performing a detailed examination, making low complexity medical decisions. Roberta scheduled her appointment for the following week and left the clinic.

Answer:
Office visit
CBC
Electrolyte panel
Lipid panel
Urinalysis
Iron-binding capacity
Vitamin B₁₂ blood test
Occult blood