

## Coding Guidelines

1. What is the time limit for reporting diagnosis codes for late effects?

- a. Three months
- b. Six months
- c. One year
- d. No time limit

2. In which position should you sequence a manifestation code in brackets [ ]?

- a. Primary code
- b. Primary code in newborn cases
- c. Sequencing determined by the patient's condition
- d. Secondary code to an underlying condition

3. Which of the following does the CPT® Professional Edition indicate is always included in addition to the operation per se?

- a. Evaluating the patient in the pre-anesthesia recovery area
- b. Local infiltration, general, and digital block or topical anesthesia
- c. Immediate postoperative care, including dictating operative notes and talking with the family and other physicians
- d. Prior to the decision for surgery, all evaluation and management visits are included

4. In the CPT® Professional Edition, the same detailed definition for separate procedures can be located in which main section guidelines?

- a. Evaluation and Management, Surgery, and Medicine
- b. Medicine, Radiology, and Surgery
- c. Radiology, Surgery, and Pathology and Laboratory
- d. Cardiovascular System, Radiology, and Medicine

5. If an AMI is documented as non transmural or subendocardial, but the site is provided, how is it reported, according to ICD-10-CM guidelines?

- A. As unspecified
- B. As a subendocardial AMI
- C. As STEMI

D. As both STEMI and NSTEMI

6. Guidelines from which of the following code sets are included as part of the code set requirements under HIPAA?

A. CPT®

B. ICD-10-CM

C. HCPCS Level II

D. ADA Dental Codes

7. Which of the following does the CPT® Professional Edition indicate is always included in addition to the operation per se?

a. Evaluating the patient in the pre-anesthesia recovery area

b. Local infiltration, general, and digital block or topical anesthesia

c. Immediate postoperative care, including dictating operative notes and talking with the family and other physicians

d. Prior to the decision for surgery, all evaluation and management visits are included

Integumentary System (10000 Series)

1. A 55-year-old patient has seven toenails debrided. How should you report this service?

a. 11000, 11721-59

b. 11000, 11001-51

c. 11720, 11721-51

d. 11721

2. Barry underwent a complex incision and drainage due to a postoperative wound infection, which required an extensive secondary closure of the surgical site. Which codes describe this procedure?

a. 13160, 10081-59

b. 10121, 12020-51

c. 13160, 10180-51

d. 10061, 12021-59

3. Stephanie discovered a lesion on her trunk and was referred to Dr. Ralph, a trained Mohs surgeon, for treatment. Stephanie had no prior pathology of this lesion; therefore, Dr. Ralph completed a diagnostic skin biopsy with frozen section prior to the surgery. After reviewing

the biopsy results, Dr. Ralph took the patient to the procedure suite and performed a Mohs surgery that same day. Dr. Ralph's final report indicated the procedure required three stages, including five tissue blocks in each stage. He had to take an additional four blocks in stage two to verify margins and cell structure. Which codes should Dr. Ralph report for this entire encounter?

a. 17313, 17314 x 2, 17315 x 4, 11100-59, 88331-59

b. 17313, 17314 x 2, 17315-59

c. 17311, 17312 x 2, 17315

d. 17311, 17312 x 4, 17315-59, 11101-51, 88331-51

4. Patient has basal cell carcinoma on his upper back. A map was prepared to correspond to the area of skin where the excisions of the tumor will be performed using Mohs micrographic surgery technique. There were three tissue blocks that were prepared for cryostat, sectioned, and removed in the first stage. Then a second stage had six tissue blocks which were also cut and stained for microscopic examination. The entire base and margins of the excised pieces of tissue were examined by the surgeon. No tumor was identified after the final stage of the microscopically controlled surgery. What procedure codes should be reported?

A. 17313, 17314 x 2

B. 17313, 17315

C. 17260, 17313, 17314

D. 17313, 17314, 17315

5. The physician is called in to perform repairs for a 17-year-old girl involved in a motor vehicle accident. She sustained an 8.6 cm laceration to her forehead, a 5.5 cm laceration to her right cheek, a 4 cm laceration to her left cheek, a 4 cm laceration across her chin, and a 12.5 cm laceration to her chest. The wound on her chin required a layered closure. All other wounds required complex closure.

A. 13132, 13133 x 4, 13101, 12052

B. 13132, 13133 x 3, 13133-52, 13101, 13102,  
12052

C. 13132, 13133 x 3, 13101, 13102, 12052

D. 13131, 13132, 13133 x 3, 13101, 13102,  
12052

6. A 15-year-old boy was burned in a fire and assessed to have received burns to 75 percent of his total body surface area. He was transferred to a burn center for definitive treatment. Once stable, he was brought to the OR. Procedure: Due to extent of the patient's burns and lack of sufficient donor sites, his full-thickness burns will be excised and covered with porcine grafts, and a split-thickness skin biopsy will be harvested for preparation of autologous grafts to be applied in the coming weeks, when available. After induction of anesthesia, extensive debridement of the full-thickness burns was undertaken. Attention was first directed to the patient's face, neck, and scalp. A total of 500 sq cm in this area received full-thickness burns.

The eschar involving this area was excised down to viable tissue. Hemostasis was achieved using electrocautery. Attention was then turned to the trunk. A total of 950 sq cm in this area received full-thickness burns. The eschar involving this area was excised down to viable tissue. Hemostasis was achieved. Attention was then turned to the arms and legs. A total of 725 sq cm received full-thickness burns. The eschar involving this area was excised down to viable tissue: Hemostasis was achieved. Attention was then turned to the hands and feet. A total of 300 sq cm in this area received full-thickness burns. The eschar involving this area was excised down to viable tissue. All involved areas were then covered with porcine graft. Finally a split thickness skin graft of 0.015 inches in depth was harvested using a dermatome from a separate donor site. A total of 85 sq cm was recovered. What procedures codes would be reported service?

- A. 15110, 15111 x 10, 15130, 15131 x 10, 15004, 15005, 15002, 15003
- B. 15120, 15121 x 7, 15100, 15101 x 16, 15004, 15005 x 16, 15002, 15003 x 7
- C. 15120, 15121 x 7, 15100, 15101 x 16, 15004, 15005 x 7, 15002, 15003 x 16, 15040
- D. 15120, 15121 x 7, 15100, 15101 x 16, 15004, 15005 x 7, 15002, 15003 x 16

#### Musculoskeletal System (20000 Series)

1. A patient is stabbed in the right arm. The stab wound is enlarged, cleaned, and foreign materials removed and inspected, and coagulation of minor blood vessels is completed. What code(s) should you report for this service?

- a. 20103, 24200
- b. 20103

c. 24200, 24000-59

d. 24000, 20103-59

2. Reese suffered a dislocation to his right fourth carpometacarpal. Dr. Lewis completed a closed manipulation under anesthesia and repaired Reese's injury. What code should Dr. Lewis report for her services?

a. 26605

b. 26641

c. 26670

d. 26675

3. A patient underwent an anterior inter body arthrodesis with discectomy, osteophyctomy, fusion, and decompression of nerve roots at level C3, C4, and C5. The fusion was explored and then stabilized with application of anterior instrumentation placed from C3 to C5. Which codes would you use to report this procedure?

a. 22551, 22585 x 2, 22845-51, 22830-59

b. 22554, 22585 x 2, 22845, 22830-51

c. 22600, 22614, 22842, 22830-59

d. 22551, 22552 x 2, 22845, 22830-51

4. Which code(s) would you report for an aspiration and injection of a ganglion cyst to the bone of the left great toe?

a. 20600

b. 20612

c. 20615

d. 20600, 20612-59

5. A patient suffering from a non healing knee tendon underwent a platelet-rich plasma injection under imaging guidance. How should you report this procedure?

a. 0232T

b. 20551

c. 20551, 77002

d. 0232T, 20551, 77002

6. The patient is a 66-year-old female who presents with Dupuytren's disease in the right palm and ring finger. This results in a contracture of the ring digit MP joint. She is having a subtotal palmar fasciectomy for Dupuytren's disease right ring digit and palm. An extensile Brunner incision was then made beginning in the proximal palm and extending to the ring finger PIP crease. This exposed a large pretendinous cord arising from the palmar fascia extending distally over the flexor tendons of the ring finger. The fascial attachments to the flexor tendon sheath were released. At the level of the metacarpophalangeal crease, one band arose from the central pretendinous cord-one coursing toward the middle finger. The digital nerve was identified, and this diseased fascia was also excised. What procedure code should be used? A. 26123-RT, 26125 B. 26121-RT C. 26035-RT D. 26040-RT

Respiratory and Cardiovascular System (30000 Series)

1. Darlene underwent (SRS/SRBT) thoracic target delineation for stereotactic body radiation therapy. Her course of treatment required four sessions. How should the surgeon report this procedure?

- a. 31626, 32701 x 4
- b. 32701, 77435
- c. 32701 x 4
- d. 32701

2. Harry, a neonate weighing 3 kg, underwent an aortic valvuloplasty with cardiopulmonary bypass using transventricular dilation. During the same operative session a transmyocardial laser revascularization by thoracotomy was completed. How should you report this procedure?

- a. 33140-63, 33141
- b. 33390, 33141
- c. 33390 -63, 33141
- d. 33140, 33390-63, 33141-51

3. Dr. Smith completed an initial diagnostic left heart catheterization including left ventriculography and supraaortic aortography. At the conclusion of this diagnostic study it was determined that the patient required a (TAVR/TAVI) transcatheter aortic valve replacement with a prosthetic valve, which was completed via a transaortic approach. How should Dr. Smith report his services?

- a. 33365-62, 93452-59, 93567
- b. 33365, 93452-51, 93567-51
- c. 33365-62

d. 0318T, 93452-59, 93567-51

4. A patient required a battery change for a single-chamber pacing cardioverter-defibrillator system. The battery was taken out in a subcutaneous fashion and a new battery placed. The cardioverter-defibrillator was then reattached to the electrodes, which were intact and tested, and the skin pocket was then closed. How should these services be reported?

a. 33244, 33241-51, 33240

b. 33241, 33240-51

c. 33236, 33202-51, 33206-51

d. 33241, 33240-51, 33233-51

5. Dr. Lim completed an external ECG with 48-hour continuous rhythm testing during which analysis was performed for Mr. Brown. The report was reviewed and interpretation completed for evaluation of change to the pacemaker system. The report conclusion stated predominant rhythm of atrial fibrillation with noncontrolled left ventricular rate. Dr. Lim scheduled Mr. Brown for placement of a biventricular pacemaker, which will be connected to his current pacemaker system. How should Dr. Lim report her services for the cardiovascular monitoring?

a. 33224

b. 33244, 93224-59

c. 93224

d. 33208, 33225-51, 93225-59

6. What do the primary codes 33880 and 33881 include?

a. Placement of all distal extensions, if required in the distal thoracic aorta

b. Placement of all proximal extensions in the thoracic aorta

c. Repair of extensions in the thoracic aorta

d. Repositioning of all leads and extensions in the thoracic aorta

Digestive System (40000 Series)

1. Dr. Sanchez completed a harvest and transfer for an extra-abdominal omental flap procedure for correction of chest wall defect in an eight-year-old patient. How should Dr. Sanchez report this procedure?

a. 49904

b. 44700, 49905

c. 49904, 20926-59

d. 44700, 49904-62, 20926-59

2. What codes could you report with the add-on code 49568?

a. 11004–11006

b. 49560–49566

c. Both A and B

d. None of the above

3. A 30-year-old patient underwent a cholecystectomy with exploration of common duct with biliary endoscopy. How should you report this procedure ?

a. 47610, 47550

b. 47610, 47630-59, 47552-59

c. 47600

d. 475624, 47550

4. A patient underwent a laparoscopic repair of a paraesophageal hernia with fundoplasty with implantation of mesh. During the procedure, a laparoscopic esophageal lengthening was completed. Which codes capture this procedure?

a. 43327, 43282-59

b. 43333, 43283-51

c. 43281, 43282-59, 43283-51

d. 43282, 43283

5. A patient underwent an enterectomy in the small intestine with four resections and anastomoses. How should you report this type of procedure?

a. 44130

b. 44120 x 4

c. 44111

d. 44120, 44121 x 3

6. A patient has an adjustable gastric restrictive device component removed and replaced via a laparoscopic procedure. How should you code this procedure?

a. 43773

b. 43772, 43773-51

c. 43888

d. 43845

Urinary System, Male Genital System, Female Genital System, and Maternity Care and Delivery (50000 Series)

1. Jeannie, a 28-year-old female patient, presented to the office with a concern that her IUD was "lost internally." Upon examination in the office, an attempt was made to remove the IUD but due to discomfort, the procedure was stopped. The next morning, Jeannie was taken to the outpatient surgical center and the IUD was removed, without complication, under general anesthesia. There was active bleeding at the end of the procedure. The patient tolerated the procedure well and was taken to recovery. How should Dr. Minor report the removal of the IUD?

a. 58300, 58301-59

b. 58301

c. 00840-P1, 58301

d. 58301-47

2. An 18-year-old patient suffered blunt trauma during a football game. The patient was taken to the ER for examination. The ER physician called Dr. Semi to consult on the patient. Dr. Semi completed a corpora cavernosography injection procedure with supervision and interpretation. How should Dr. Semi report his professional services?

a. 99283-25, 54231

b. 99283-25, 54230, 74445-26

c. 54230, 74445-26

d. 54231, 74445-26

3. A physician completed a cystourethroscopy with insertion of two permanent urethral stents. How should you report this?

a. 53855 x 2

b. 52282 x 2

c. 52281, 53855-59

d. 52282 x 2, 52305-59

4. What modifier should be reported with the procedure code for transurethral resection of residual, or regrowth of, obstructive prostate tissue when the procedure is performed by the same physician during a postoperative period?

- a. -22
- b. -52
- c. -77
- d. -78

5. Dr. Laura completed a vaginal delivery in the hospital for Stephanie, a 30-year-old patient. This is Stephanie's first child and she delivered a healthy baby boy. Dr. Laura has taken care of Stephanie during the entire pregnancy and followed her through the postpartum period. Dr. Laura's documentation stated that during the delivery admission, Stephanie required prophylactic antibiotics because she has mitral valve prolapse. How should Dr. Laura report the delivery care and diagnosis for this patient?

- a. 650, I34.1, Z38.00, 59400
- b. 424.0, I34.1, V30.0, 59510
- c. O99.42, I34.1, Z37.0, 59400
- d. I34.1, O99.42, Z37.0, 59614

6. What code series would you refer to for patients who have had a previous cesarean delivery and now present with the expectation of a vaginal delivery?

- a. 59400–59141
- b. 59618–59622
- c. 59610–59614
- d. 59610–59622

Endocrine System, Hemic and Lymphatic Systems, Nervous System, Eye and Ocular Adnexa, Auditory System (60000 Series)

1. Following an accident, a patient underwent a removal of the lens in his right eye via a pars plana approach without a vitrectomy. A McCannel suture technique was used to repair the ciliary body at the end of the procedure. How should you report these services?

- a. 66982-50, 66250-RT-59
- b. 66852-RT, 66682-RT-51
- c. 66840-E3, 66250-E3-59

d. 66820, 66682-51, 66990-51

2. Dr. Tubman completed an excision and repair to one-half of the margin of the left eyelid on Logan, a 42-year-old patient. During this procedure Dr. Tubman completed preparation for skin grafts. Logan will undergo graft procedures when the lid margin is evaluated for proper healing. How should Dr. Tubman report her services?

a. 67950-LT

b. 67971-LT, 15120-59

c. 67966-LT, 15120-59

d. 67966-LT

3. James returned two weeks after surgery, as planned, for a change in his drug delivery system. Today Dr. Harvey opened the previous incision site. The previously placed reservoir was removed and a new programmable subcutaneous pump was connected to the catheter and secured with sutures, tested, and programmed. The subcutaneous incision was closed in layers with a sterile dressing placed. The patient tolerated the procedure well. How should Dr. Harvey report this service?

a. 62362-58

b. 62365, 62362-59

c. 62350-58

d. 62350, 62355-59

4. With which code set or individual codes can add-on code 61781 be correctly reported?

a. 61720–61791

b. 62201 or 77432

c. 77371–77373

d. None of the above

5. A patient had a bilateral strabismus surgery involving the medial and lateral rectus muscles. The surgeon explored and repaired a detached extraocular muscle in the right eye and placed bilateral posterior fixation sutures with muscle recession. How should you report this procedure?

a. 67316-50, 67332-RT, 67334-50

b. 67316-50, 67332-RT, 67335-50

c. 67312-50, 67340-RT, 67334-50

d. 67312-50, 67340-RT, 67335-50

7. Carl, a 28-year-old patient, has a history of epilepsy with recurrent seizures. His seizures are intolerable even with medication management. He does not experience non-epileptic seizures, which was confirmed by EEG recordings. Today he underwent an open procedure for implantation of cranial nerve neurostimulator electrode array, which was coiled around the vagus nerve. The pulse generator was connected to the neurostimulator array, tested, and repositioned to ensure maximum effectiveness. The pulse generator was placed and sutured into a created subcutaneous pocket. Again, the system is tested to ensure proper functionality. The subcutaneous tissues and skin are closed with deep sutures and skin staples. Carl tolerated the procedure well and was returned to the recovery suite in stable condition. Which code(s) should be reported for today's services?

a. 61885, 64568-59

b. 64568

c. 61531

d. 64570, 61888-59, 64568-59

Evaluation and Management (E/M)

1. Dr. Martin admitted Mrs. Worth to Community Hospital for a laparoscopic cholecystectomy and cholangiograms. Dr. Martin admission was documented as a comprehensive history, comprehensive examination, and moderate decision-making. Later that same day (10 hours later), after tolerating the procedures well, Mrs. Worth was discharged without complications. She was instructed to call Dr. Martin if she experienced any problems. Mrs. Worth's sister accompanied her home and will be her primary caregiver for the next few days. Mrs. Worth was instructed to call Dr. Martin's office and schedule a follow-up visit. How should Dr. Martin report her services for the admission?

a. 99222, 99238

b. 99225

c. 99235

d. 99219, 99217

2. Discharge note: Dr. Kara dictated and completed service

Mr. Davis, 54-year-old male patient, is doing well following laparoscopic appendectomy completed at Calvin Hospital yesterday. He has been afebrile since the procedure, tolerating surgical soft diet, and ambulating with minimal assistance. He states he has "quality help" at home with his wife and son. Given his current improved condition and eagerness to leave the hospital, he will be discharged today. The nursing staff will provide discharge instructions and review these with the patient and home health team (family). A follow-up office visit is

set for 10 days. I have instructed the patient to notify me immediately if he experiences a fever, pain, or oozing from the operative site. How should Dr. Kara report today's service?

- a. 99232-25, 99239
- b. 99238
- c. 99315
- d. 99232-25, 99217

3. Dr. Clinton completed two hours of critical care services for a 33-year-old patient. During this time Dr. Clinton completed temporary transcutaneous pacing, measured cardiac output, and completed gastric intubation for the patient. How should Dr. Clinton report her services for this patient?

- a. 99291, 99292 x 2
- b. 99291, 99292 x 2, 92953, 93561, 43752
- c. 99221, 99292
- d. 99291 x 2

4. Today Glen was discharged from a nursing facility after recovering from a hip replacement. It took Dr. Loma 45 minutes to complete the final detailed examination; review detailed history, surgery notes, and lab work; write refills for prescriptions; complete orders for continued physical therapy; and provide detailed verbal instructions to Glen and his family regarding his ongoing care. How would Dr. Loma report her services?

- a. 99024
- b. 99239
- c. 99309, 99316
- d. 99316

5. Dr. Mayer admitted Sally to observation status Monday afternoon related to minor changes to an EKG and a dizzy spell. His dictated note for initial observation status included a comprehensive history, comprehensive examination, and moderate decision-making. He started her on new medications and wanted to continue to observe her until he was sure her condition was stable. On Tuesday, Dr. Mayer saw Sally, who was still receiving observation services as an outpatient, and dictated a chart note related to her changes since his last visit. The note consisted of an expanded problem-focused interval history, expanded problem-focused examination, and straightforward decision-making. How should Dr. Mayer report Tuesday's visit?

- a. 99220-25, 99232

b. 99220, 99226-25

c. 99232

d. 99224

6. Baby-boy Busch was evaluated in the birthing center the morning of his birth. The documentation noted a comprehensive examination and a maternal/fetal/and newborn history, and decision-making for discharge was straightforward. Documentation revealed a normal newborn and decision was made to discharge later that same day. How should you report this service?

a. 99463

b. 99460-25, 99463

c. 99221-25, 99238

d. 99234

Anesthesia

1. Sally, a 22-year-old healthy patient, required three units of blood during an open radical excision and graft of her left elbow. The surgeon completed the operation while the anesthesiologist administered the blood, as well as the endotracheal anesthesia. What code(s) should the anesthesiologist report?

a. 01756-AA-P1

b. 01756-AA-P1, 36430-59

c. 01732-P1

d. 01740-QZ-P1, 36430-59

2. Mark, a 45-year-old mild diabetic patient, underwent an abdominal radical orchiectomy. Dr. Terry, the anesthesiologist, administered general anesthesia and an epidural injection for control and management of postoperative pain. What code(s) should Dr. Terry report for this case?

a. 00928-59, 62311-P1

b. 00928-AA-P2, 62311-59

c. 00926-AA-P1

d. 00920-AA-59

3. Dr. Ella administered general anesthesia to an eight-month-old healthy patient for a repair of a hernia in the lower abdomen. How should Dr. Ella report her services?

a. 00830-QX-P1, 99100

b. 00834-AA-P1, 99100

c. 00834-AA-P1

d. 00836-QX-P1

4. Why should the add-on code 99100 for qualifying circumstances not be reported with the following codes:

00326, 00561, 00834, and 00836?

a. Age of the patient is not a factor with any anesthesia codes or add-on codes

b. Age of the patient as older than 70 years is part of the code; therefore, it does not require the add-on code

c. Age of child as older than 1 year is part of the code; therefore, it does not require the add-on code

d. Age of child as younger than 1 year is part of the code; therefore, it does not require the add-on code

Radiology (70000)

1. Angela, a 28-year-old patient, is pregnant with triplets. She is in her second trimester and is being evaluated by transabdominal ultrasound with real-time imaging for fetal sizes. This is her third follow-up ultrasound to ensure the adequacy of fetal growth, development, and weight. How would you report this service?

a. 76816, 76816-59, 76816-59

b. 76816, 76810 x 2

c. 76830, 76830-59, 76830-59

d. 76805, 76810 x 2

2. A patient had an MRI of the face without contrast materials followed by contrast for six further sequences during the same scanning session. How should this professional service be reported?

a. 70540-26, 70542 x 5

b. 70540, 70542-26

c. 70543-26

d. 70543 x 5

3.The code set 74176–74178 should be reported how many times per CT session of the abdomen and pelvis?

- a. For each organ scanned
- b. Once
- c. Twice
- d. This code set has been deleted for 2011

4.A therapeutic radiologist performed a comprehensive history, comprehensive examination and high complexity decision-making when admitting a patient. After admission, the same physician placed 12 interstitial ribbons for clinical brachytherapy. How would you report these services?

- a. 77778
- b. 99223, 77778
- c. 99223, 77763
- d. 77763

5.A patient completed three radiation treatment sessions for two separate treatment areas with use of multiple blocks. Each session consisted of 8 MeV of radiation being delivered. How should these technical services be reported?

- a. 77412 x 3 -TC
- b. 77407
- c. 77411 -TC
- d. 77413 x 3 –TC

6.A 35 year old mother carrying twin gestations, who has a three year old child with down syndrome, comes in for a prenatal screening. She is in her 12th week of pregnancy and the physician requests that the amount of fluid behind the necks of the fetus be measured. A transabdominal approach was used.

- a.76801, 76802
- b.76811, 76812
- c.76813, 76814
- d.76816, 76816-59

Pathology and Laboratory (80000 Series)

1. Patient King required a C-section delivery during her early second trimester. Her placenta was submitted for gross and microscopic pathology examination following the C-section delivery. The placenta was submitted in two separate specimens and a decalcification procedure was utilized during pathology testing. How should you report this pathology service?

- a. 88307 x 2, 88311
- b. 88305 x 2, 88311
- c. 88300 x 2, 88311-51
- d. 88300, 88305 x 2, 88311-51

2. Dr. Garcia, a pathologist, was consulted during surgery on Mr. Barber. Dr. Garcia was provided with two tissue blocks and five frozen sections from Mr. Barber's gallbladder. Additional cytologic examination by squash prep was required on two separate sites of the gallbladder specimens (one squash prep completed on tissue without frozen section – one squash prep completed on tissue with frozen section). How should Dr. Garcia's professional services be reported?

- a. 88329, 88332-26, 88334-26
- b. 88304-26
- c. 88331-26, 88334-26
- d. 88331-26, 88332-26, 88333-26, 88334-26

4. Larry had a venipuncture during his annual physical examination. The blood sample was used for the following antibody tests: West Nile IgM, Shigella, mumps, and total hepatitis B. How should you report these tests?

- a. 36415
- b. 86486
- c. 86788, 86771, 86735, 86704
- d. 36415-32, 86788, 86771, 86735, 86704

5. Today, an extended culture of five-day embryos was completed. The transfer tests will be completed when the culture test results are confirmed. The culture testing results are scheduled for return within 48 hours. How should the culture service be reported?

- a. 89272
- b. 89250
- c. 89258

d. 89255, 89272

6. A patient had the following blood tests completed as part of her primary care physician's described metabolic panel: albumin, bilirubin total, calcium total, carbon dioxide, chloride, creatinine, glucose, phosphatase alkaline, potassium, protein total, sodium, transferase (ALT SGPT), transferase aspartate (AST SGOT), urea nitrogen (BUN), bilirubin direct, and a hepatitis A IgM. How should these services be reported?

a. 80053, 82248, 86709

b. 80053-22

c. 80076-52, 80074-52, 80053-52

d. 80047, 80053, 80076

#### MEDICINE

1. Mr. Berra is a new patient to Dr. Ocular. Today, Dr. Ocular completed an intermediate ophthalmological examination and fluorescein angiography on Mr. Berra. How should Dr. Ocular report her services?

a. 92012, 92235

b. 92002, 92235

c. 99213, 92002, 92235

d. 92002

2. Brandi, a 14-year-old patient, underwent four daily end-stage renal dialysis services in the outpatient clinic prior to being hospitalized. A complete assessment was not provided before Brandi's hospitalization. How should you report the daily services?

a. 90957, 90969

b. 90965

c. 90957

d. 90969 x 4

3. Cameron received 60 minutes of insight-oriented psychotherapy in an outpatient facility. During this same visit, Cameron complained of an upset stomach due to his new medications. The medications were reviewed and new medications were prescribed, a flare-up of his seasonal allergies was documented, and a persistent cough is noted. The documentation included the psychotherapy notes with an additional 35 minutes dedicated to a problem-focused history, problem-focused examination, and low-complexity decision-making. How would the physician services be reported?

- a. 90837,90838
- b. 99213-25, 99354, 90838
- c. 90837
- d. 99213-25, 90838

4. A patient underwent a left heart catheterization by transeptal puncture through an intact septum with image supervision and interpretation and intra procedural injection for left ventriculography. During the procedure, pharmacologic agents were administered and measured. An arm ergometry was employed for exercise study to assess hemodynamics before and after the procedure. How should this procedure be reported?

- a. 93458, 93462, 93463, 93464 x 2
- b. 93452, 93566, 93462, 93463, 93464 x 2
- c. 93452, 93565, 93462, 93463, 93464
- d. 93452, 93462, 93463, 93464

5. Mathew, a 31-year-old patient, was seen for occupational evaluation on January 15th. At that time, Dr. Winters determined that Mathew may require additional physical therapy and possible surgery for his injuries. Today, March 18th, Dr. Winters reevaluated Mathew's ability to return to work as a heavy- equipment operator, following a second endoscopic surgery to his right elbow and extensive physical therapy. How should Dr. Winters report today's service?

- a. 99213-25, 97001
- b. 99213
- c. 97003
- d. 97164

6. George, a 26-year-old patient, returned to Dr. Morris's office for his scheduled psychotherapy visit. In addition to the 45-minute psychotherapy session, Dr. Morris documented George's increased anxiety and depression, completed an expanded problem-focused history, expanded problem-focused examination, and documented low-complexity medical decision-making. Total time spent face-to-face with the patient was documented as 65 minutes. How should Dr. Morris report services for today's visit?

- a. 99213, 90836
- b. 99213, 90834
- c. 99214, 90838

d. 99214, 90836

### Medical Terminology

1. Which of the following terms best describes the atlas and/or axis bone?

- a. Vertebra
- b. Carpal
- c. Tarsal
- d. Maxilla

2. The lymphatic system is sometimes referred to as which other system?

- a. Endocrine system
- b. Respiratory system
- c. Immune system
- d. Blood circulatory system

3. Which term describes death of breast tissue resulting from interrupted blood flow to this area?

- a. Hyper circulation
- b. Agglutination
- c. Complement
- d. Infarction

### Anatomy

1. What is another name for the eardrum?

- a. Stirrup
- b. Organ of Corti
- c. Tympanic membrane
- d. Oval window

2. Which of the following terms best reflect the function of an epiphyseal disc or plate?

- a. Longitudinal growth
- b. Blood cell formation
- c. Formation of synovial fluid

d. Apoptosis fragmentation

3. What process describes blood cell formation occurring in the red bone marrow?

a. Syneresis

b. Hematopoiesis

c. Fibrinolysis

d. Erythrocytosis

4. MIF is what type of laboratory test?

a. Miller inventory fraction

b. Macro isolate freeze

c. Migration inhibitory factor

d. Minerva iodine filler

ICD-10-CM

1. A patient is treated for three pressure ulcers: bilateral buttock ulcers, stage 3 on the right and stage 2 on the left; and a stage 4 on the sacral area.

A. L89.44, L89.303, L89.312

B. L89.154, L89.300, L89.014

C. L89.154, L89.313, L89.322

D. L89.153, L89.313, L89.322

2. A 7-year-old is brought in to be seen for a red rash on his entire back, followed by diffuse epidermal exfoliation. Blood tests confirm Staphylococcal scalded skin syndrome (SSSS).

A. L00, R21, L49.0

B. L00, L49.1

C. R21, L49.1

D. L49.1, L00

3. A 60-year-old male is admitted for detoxification and rehabilitation. He has continuously abused amphetamines to the point that he cannot voluntarily stop on his own and has become dependent upon them. He also has a long documented history of alcohol abuse and alcoholism. He experiences high levels of anxiety due to PTSD, which causes him to use and abuse substances.

a. F15.10, F15.20, F10.10, F10.20, F41.1, F43.10

b.F15.20, F10.20, F41.1, F43.10

c.F19.20, F10.10, F41.1, F43.10

d.F15.10, F15.20, F10.10, F10.20, F41.1, F43.10

4.A 35 year old woman who is pregnant in her 38th week with her firstchild is admitted to the hospital. She experiences a prolonged labor during the first stage and eventually births a healthy baby boy.

a.O63.0, O09.519, Z37.0

b.O80, Z37.0

c.O80, O63.0, O09.519, Z37.0

d.O63.0, O09.513, Z37.0

5.Metastatic lung cancer, right lower lobe, spread from the liver with treatment directed to the lung.

A. C22.0, C78.01

B. C34.31, C78.7

C. C78.01, C22.8

D. C78.02, C22.9

Compliance and regulatory

1.Which two organizations evaluate, establish regulations, and provide accreditation standards for managed care organizations?

a. National Committee for Quality Assurance (NCQA) and The Joint Commission (formerly JCAHO)

b. NCQA and CMS

c. CMS and QISMC

d. The Joint Commission and QISMC

2.Which two federal government agencies make up the ICD-9-CM Coordination and Maintenance Committee?

a. National Center for Health Statistics (NCHS) and CMS

b. CMS and AHIMA

c. NCHS and AHIMA

d. NCHS and CMS

3. What organization is responsible for updating CPT codes each year?

- a. American Health Information Management Association (AHIMA)
- b. American Medical Association
- c. Centers for Medicare & Medicaid Services (CMS)
- d. American Hospital Association

#### CASE STUDY

1. What code(s) should be reported with the following case? Preoperative diagnosis: Total retinal detachment, right eye

Postoperative diagnosis: Same

Procedure performed: Complex repair of retinal detachment with photocoagulation, scleral buckle, sclerotomy/vitreotomy

Anesthesia: Local

Procedure: The patient was placed, prepped, and draped in the usual manner. Adequate local anesthesia was administered. The operating microscope was used to visualize the retina, which has fallen into the posterior cavity. The vitreous was extracted using a VISC to complete the posterior sclerotomy. Minimal scar tissue was removed to release tension from the choroid. The retina was repositioned and attached using photocoagulation laser, a gas bubble, and a suture placement of a scleral buckle around the eye. The positioning of the retina was checked during the procedure to ensure proper alignment. Antibiotic ointment was applied to the eye prior to placement of a pressure patch.

The patient tolerated the procedure well and returned to the recovery suite in satisfactory condition.

- a. 67113-RT, 67107-51, 67145-51, 66990-51
- b. 67113-RT, 69990-RT
- c. 67113-RT, 66990-RT
- d. 67113-RT, 67107-51, 67145-51, 66990-51