

Appendix E

Answers to Practice Exercises and Chapter Reviews

Chapter 1

Practice: The Programmed Learning Approach

The Right Match

1. e
2. c
3. d
4. b
5. a

Talking Shop

1. (provided in chapter)
2. c
3. j
4. e
5. l
6. b
7. d
8. g
9. k
10. h
11. a
12. i

Practice: Constructed and Nonconstructed Terms

The Right Match

1. b
2. c
3. d
4. a

Practice: The Word Parts

The Right Match

1. c
2. e
3. f
4. a
5. b
6. d

Practice: Forming Words from Word Parts

The Right Match

1. d
2. b
3. a
4. c

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. appendicitis
r / s
- 2b. inflammation
- 3a. hepatitis
r / s
- 3b. liver
- 4a. neonatology
p / r / cv / s
- 4b. yes, nat

- 5a. mammoplasty
r / cv / s
- 5b. surgical repair
- 6a. electrocardiogram
r / cv / r / cv / s
- 6b. two combining forms
- 7a. prenatal
p / r / s
- 7b. before

Fill It In

1. (provided in chapter)
2. mammoplasties
3. pericardia
4. sarcomas
5. cardiopathies

Linkup

1. (provided in chapter)
2. neonatology
3. neuropathy
4. mastectomy
5. rhinoplasty
6. endoscope
7. mammogram
8. pathologist
9. hysterectomy

Chapter Review

Word Building

1. (provided in chapter)
2. tonsillectomy
3. salpingoplasty
4. dermatitis
5. rhinology
6. mental
7. neuropathy
8. hemophilia
9. laryngitis
10. dermatology
11. laryngoscope
12. biology

Define the Combining Form

1. heart
2. blood
3. nerve
4. stomach
5. disease
6. brain, cerebrum
7. liver
8. mind
9. skin
10. nose

Chapter 2

Practice: Suffix Introduction

The Right Match

1. g
2. b, d, h

3. e
4. c
5. f
6. b, d, h
7. a
8. i
9. b, d, h

Suffix Linkup

1. (provided in chapter)
2. thermometer
3. laparoscopy
4. gastritis

Practice: Suffixes That Indicate an Action or State

The Right Match

1. e
2. a
3. h
4. b
5. d
6. c
7. f
8. g

Suffix Linkup

1. syndrome
2. biopsy
3. hemophilia
4. dysphagia
5. homeostasis

Practice: Suffixes That Indicate a Condition or Disease

Suffix Linkup

1. rhinorrhagia
2. tenodynia
3. amniorrhexis
4. lipoma
5. leukopenia
6. anorexia
7. neoplasia
8. myasthenia
9. rhinorrhea
10. meningocele
11. gastritis

The Right Match

1. c
2. e, k
3. a
4. h
5. j
6. g
7. b
8. e, k
9. d
10. i
11. f

Practice: Suffixes That Indicate Location, Number, or a Quality

The Right Match

1. d
2. e
3. a
4. c
5. b

Suffix Linkup

1. cardiac
2. cervical
3. ocular
4. pulmonary
5. bacterial
6. cephalic
7. nervous
8. cephalad
9. polycythemia

Practice: Suffixes That Indicate a Medical Specialty

The Right Match

1. c
2. d
3. b
4. a

Suffix Linkup

1. audiologist
2. pathology
3. chiropractic
4. podiatry

Practice: Suffixes That Indicate a Procedure or Treatment

The Right Match

1. i
2. f
3. g
4. h
5. a
6. c
7. b
8. d
9. l
10. e
11. j
12. k

Suffix Linkup

1. thoracocentesis
2. osteoclasts
3. lithotripsy
4. craniotomy
5. arthrodesis
6. electrocardiogram

7. electrocardiography
8. thermometer
9. ovulation
10. mastopexy
11. prophylaxis
12. gastropasty
13. gastroscope
14. craniotomy

Chapter Review

Word Building

1. (provided in chapter)
2. nervous
3. syndrome
4. osteoclasia
5. lipoma
6. hemophilia
7. audiologist
8. pathology
9. hematemesia
10. dysphagia
11. prophylaxis
12. thoracocentesis
13. podiatry
14. cardiomalacia
15. lithotripsy
16. tenodynia
17. gastropasty
18. anorexia
19. meningocele
20. hypoxia
21. gastroscope
22. cervical
23. chiropractic
24. arthrodesis
25. biopsy
26. myasthenia
27. thermometer
28. esophagitis
29. laparoscopy
30. aphasia

Practice with Suffixes

1. -scopy process of viewing
2. -meter measure, measuring instrument
3. -ac pertaining to
4. -logy study or science of
5. -pathy disease
6. -itis inflammation
7. -oma tumor
8. -philia loving, affinity for
9. -plegia paralysis
10. -rrhagia abnormal discharge
11. -al pertaining to
12. -plasty surgical repair
13. -stomy surgical creation of an opening
14. -logist one who studies

Chapter 3

Prefix Introduction

The Right Match

1. b
2. c
3. d
4. e
5. a

Prefix Linkup

1. (provided in chapter)
2. metabolism
3. conjoined
4. aphasia

Practice: Prefixes That Indicate Number or Quantity

The Right Match

1. f
2. g
3. h
4. b
5. e
6. c
7. n
8. l
9. d
10. i or j
11. m
12. a
13. i or j
14. k

Prefix Linkup

1. monoplegia
2. nulligravida
3. ambidextrous
4. polyphagia
5. tricuspid
6. quadriplegia

Practice: Prefixes That Indicate Location or Timing

The Right Match

1. e
2. j
3. g
4. h
5. a or r
6. d
7. k
8. b
9. o
10. q
11. n
12. c
13. p
14. f
15. m
16. i
17. t
18. l
19. a or r
20. u
21. s

Prefix Linkup

1. anatomy
2. abduction
3. ectopic
4. dialysis
5. exotropia
6. inferior
7. paracusia
8. subcutaneous
9. syndrome
10. antenatal or prenatal

Practice: Prefixes That Indicate a Specific Quality about a Term

Prefix Linkup

1. pseudocyesis
2. aseptic
3. neonate
4. bradycardia
5. circumcision
6. transsexual
7. dyslexia
8. hyperthyroidism
9. malabsorption
10. megalocyte
11. ultrasound

The Right Match

1. h
2. g
3. o
4. j
5. n
6. k
7. m
8. p
9. e
10. b
11. c
12. f
13. a
14. d
15. i
16. l

Chapter Review

Word Building

1. (provided in chapter)
2. anticonvulsive
3. metabolism
4. diplopia
5. hemiplegia
6. multipara
7. nullipara
8. pandemic
9. diplegia
10. polyarteritis
11. primipara
12. adduction
13. dialysis
14. dislocated
15. ectopic
16. intradermal

17. pericardium
18. syndrome
19. asymptomatic
20. asepsis
21. bradykinesia
22. circumcision
23. euthyroid
24. hypocalcemia
25. pseudocyesis
26. tachycardia
27. conjoined
28. contraception
29. ambidextrous
30. bifocal
31. monoplegia
32. quadriplegia
33. semiconscious
34. tripara
35. unipara
36. abduction

Practice with Prefixes

1. intra- within
2. anti- against, opposite of
3. hyper- excessive, abnormally high, above
4. bi- two
5. hemi- half
6. pan- all
7. poly- extensive, over, many
8. tri- three
9. dis- apart, away
10. epi- upon, over, above, on top
11. intra- within
12. hypo- deficient, abnormally low, below
13. neo- new
14. tachy- rapid, fast

Chapter 4

Practice: Anatomy and Physiology Word Root Introduction

The Right Match

1. g
2. f
3. h
4. c
5. j
6. b
7. a
8. i
9. e
10. d
11. s
12. o
13. r
14. t

15. q
16. k
17. l
18. m
19. p
20. n

Correct the Spelling

1. abdominal
2. thoracic
3. pericardial
4. physiology
5. sagittal
6. superficial
7. homeostasis
8. diaphragm

Word Root Linkup

1. physiology
2. abdominal
3. hypochondriac
4. pericardial
5. pelvic

Chapter Review

Word Building

1. (provided in chapter)
2. home/o/stasis
3. CT scan
4. chron/ic
5. path/o/logy
6. acute
7. transverse plane
8. abdomin/o/pelv/ic cavity
9. endo/scopy
10. sign
11. tissues
12. thorac/ic region
13. magnetic resonance imaging
14. epi/gastr/ic
15. pleur/al
16. sagittal plane
17. umbilic/al
18. eti/o/logy
19. ana/tom/y
20. physi/o/logy

Define the Combining Form

1. abdomen; abdominal cavity, abdominal region
2. skull; cranial cavity
3. below; inferior
4. back; posterior
5. near; proximal
6. above; superior
7. chest, thorax; thoracic
8. to cut; anatomy, anatomical
9. pleura, rib; pleural cavity
10. bowl, basin; pelvic cavity, abdominopelvic cavity

Chapter 5

Practice: Signs and Symptoms of the Integumentary System

The Right Match

1. c
2. a
3. f
4. h
5. b
6. g
7. e
8. d
9. n
10. l
11. m
12. j
13. i
14. k
15. u

Correct the Spelling

1. erythema
2. pruritus
3. abscess
4. urticaria
5. pallor
6. keloid

Practice: Diseases and Disorders of the Integumentary System

The Right Match

1. h
2. a
3. e
4. g
5. c
6. d
7. f
8. b

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. melan/oma
- 2b. tumor
- 3a. onych/o/myc/osis
- 3b. fungus

4a. pedicul/osis

4b. condition of

5a. scler/o/derm/a

5b. hard

6a. trich/o/myc/osis

6b. hair

7a. cellul/itis

7b. inflammation

8a. leuk/o/derm/a

8b. skin

Practice: Treatments, Procedures, and Devices of the Integumentary System

The Right Match

1. e
2. a

3. b
4. c
5. d

Linkup

1. (provided in chapter)
2. rhytidectomy
3. dermatoplasty
4. dermatoautoplasty
5. dermatome

Practice: Abbreviations

1. bx or Bx
2. basal cell carcinoma
3. SLE
4. squamous cell carcinoma
5. TBSA
6. herpes simplex virus

Chapter Review

Word Building

1. (provided in chapter)
2. cellulitis
3. onychopathy
4. onychomycosis
5. xeroderma
6. abrasion
7. folliculitis
8. trichopathy
9. impetigo
10. nevus
11. macule
12. emollient

Define the Combining Form

1. skin; dermatology, dermatologist, dermatitis, dermabrasion, dermatoautoplasty, dermatome, dermatoplasty
2. follicle; folliculitis
3. radiation; actinic keratosis
4. hard; actinic keratosis
5. black; melanoma
6. hair; trichomycosis
7. nail; onychocryptosis, onychomalacia, onychomycosis

Complete the Labels

1. epidermis
2. sebaceous gland
3. hair follicle
4. hair root
5. sweat gland

Medical Report Exercises

Medical Report Comprehension Questions

1. The cicatrices on the skin are the result of scar tissue accumulation as the skin attempts to heal the vesicles and the damage caused by itching.
2. New scar tissue can be prevented or at least

minimized by providing relief from the pruritus (itching sensation) and with anti-inflammatory medications such as topical ointments.

3. Antibiotic therapy is included to combat bacterial infection that may arise with rupturing of vesicles.

Case Study Questions

- a. dermatology; b. dermatitis; c. actinic keratosis; d. vesicles; e. pruritus; f. ulcers; g. cicatrices; h. keloids; i. emollients

Medical Report Comprehension Questions

1. Prolonged activity in outdoor sports, during which exposure to the sun was common, supports the initial diagnosis.
2. A common word for nevus is mole.
3. No, antibiotic therapy should be unnecessary. Antibiotics will not attack cancer cells, and the incision to remove the tumor is minor.

Case Study Questions

- j. emollient; k. nevus; l. dermatologist; m. melanoma; n. bx or Bx; o. dermatoautoplasty; p. cicatrix

Chapter 6

Practice: Signs and Symptoms of the Skeletal and Muscular Systems

Break the Chain

- 1a. & 1b. (provided in chapter)

2a. a/tax/ia

2b. a reaction to a stimulus

3a. a/troph/y

3b. development

4a. brady/kines/ia

4b. slow

5a. dys/kines/ia

5b. motion

6a. dys/troph/y

6b. process of

7a. hyper/troph/y

7b. excessive, abnormally high, above

8a. my/algia

8b. muscle

9a. ten/o/dynia

9b. condition of pain

Practice: Diseases and Disorders of the Skeletal and Muscular Systems

The Right Match

1. i
2. e
3. a
4. b
5. c
6. h
7. j
8. f
9. g
10. d

Linkup

1. (provided in chapter)
2. polymyositis
3. lordosis
4. epicondylitis
5. arthritis
6. osteomalacia
7. bursitis
8. osteitis
9. bursoloth
10. meniscitis
11. tenosynovitis

Practice: Treatments, Procedures, and Devices of the Skeletal and Muscular Systems

The Right Match

1. e
2. c
3. d
4. a
5. b
6. h
7. i
8. j
9. g
10. f

Break the Chain

- 1a. arthr/o/desis
- 1b. surgical fixation
- 2a. chondr/ectomy
- 2b. cartilage
- 3a. crani/o/tomy
- 3b. no
- 4a. lamin/ectomy
- 4b. excision
- 5a. electr/o/my/o/graphy
- 5b. muscle
- 6a. orth/o/tics
- 6b. straight
- 7a. oste/o/clasis
- 7b. break apart
- 8a. ten/o/my/o/plasty
- 8b. surgical repair
- 9a. oste/o/plasty
- 9b. bone

Practice: Abbreviations

1. SCI
2. total knee arthroplasty
3. RA
4. Duchenne muscular dystrophy
5. HNP
6. electromyography
7. ACL
8. total hip replacement
9. L1 through L5
10. carpal tunnel syndrome
11. ROM
12. osteoarthritis
13. TKR
14. the 12 thoracic vertebrae
15. DJD
16. temporomandibular joint disease
17. MG
18. ankylosing spondylitis

Chapter Review

Word Building

1. (provided in chapter)
2. osteoporosis
3. paraplegia
4. scoliosis
5. tenosynovitis
6. arthrogram
7. meniscitis
8. arthrotomy
9. myasthenia
10. myocele
11. carpal tunnel syndrome
12. arthrolysis
13. Paget's disease
14. herniated disk
15. arthroplasty
16. tenodynia
17. bursoloth
18. ankylosis

Define the Combining Form

1. crooked; ankylosis, spondylosing ankylosis
2. joint; arthrology, arthrolologist, arthritis, arthralgia, spondylarthritis, arthrocentesis, arthroclasia, arthrodesis, arthrogram, arthrolysis, arthroplasty, arthroscopy, arthrotomy
3. purse or sac, bursa; bursitis, bursoloth, bursectomy
4. vertebra; spondylarthritis
5. bone marrow; myeloma, osteomyelitis
6. bone; osteitis, osteitis deformans, osteosarcoma, osteogenesis imperfect, osteomalacia, osteomyelitis, osteoporosis,

- ostectomy, osteoclasia,
- osteopathy, osteoplasty
7. cartilage; chondroplasty, chondrectomy
8. synovial; tenosynovitis

Complete the Labels

1. compact bone
2. periosteum
3. diaphysis
4. epiphysis
5. cranium (or frontal bone)
6. clavicle
7. humerus
8. sacrum
9. phalanges
10. femur
11. deltoid
12. gastrocnemius
13. sternocleidomastoid
14. biceps brachii
15. rectus femoris

Medical Report Exercises

Medical Report Comprehension Questions

1. Broken skin at right ankle and x-rays
2. To confirm the diagnosis
3. The ankle

Case Study Questions

- a. compound; b. tendonitis;
- c. myalgia; d. myositis; e. polymyositis; f. Pott's; g. tendonitis

Medical Report Comprehension Questions

1. Osteoporosis and osteoarthritis
2. Osteoarthritis
3. Osteoporosis is a condition of abnormal loss of bone density that is a common result of aging, especially among women. The term literally means "condition of holes in bone."

Case Study Questions

- h. dyskinesia; i. arthralgia;
- j. orthopedics; k. kyphosis;
- l. kyphosis; m. osteoporosis;
- n. osteoarthritis

Chapter 7

Practice: Signs and Symptoms of the Blood and the Lymphatic System

The Right Match

1. d
2. a
3. i
4. g
5. b

6. c
7. f
8. e
9. h

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. thromb/o/penia
- 2b. clot
- 3a. leuk/o/penia
- 3b. abnormal reduction in number
- 4a. hem/o/lysis
- 4b. loosen, dissolve
- 5a. leuk/o/cyt/o/penia
- 5b. white

Practice: Diseases and Disorders of the Blood and the Lymphatic System

The Right Match

1. b
2. c
3. h
4. g
5. a
6. d
7. f
8. e
9. j
10. i

Linkup

1. (provided in chapter)
2. thymoma
3. anemia
4. botulism
5. hematoma
6. iatrogenic
7. hemophilia
8. hemoglobinopathy
9. lymphadenitis
10. mononucleosis
11. hydrophobia

Practice: Treatments and Procedures of the Blood and the Lymphatic System

The Right Match

1. c
2. f
3. j
4. b
5. a
6. e
7. d
8. g
9. h
10. i

Break the Chain

- 1a. immun/o/therapy
- 1b. treatment
- 2a. splen/ectomy
- 2b. spleen

- 3a. lymph/aden/ectomy
- 3b. gland
- 4a. immun/o/logy
- 4b. exempt, immunity
- 5a. hom/o/logous
- 5b. same
- 6a. hemat/o/logy
- 6b. study of
- 7a. aut/o/logous
- 7b. self
- 8a. anti/bi/o/tic
- 8b. against
- 9a. hem/o/stasis
- 9b. standing still
- 10a. thromb/o/lysis
- 10b. loosen, dissolve

Practice: Abbreviations

- 1. AIDS
- 2. complete blood count
- 3. PLT
- 4. red blood cell or red blood count
- 5. HGB, Hgb
- 6. prothrombin time
- 7. PTT
- 8. white blood cell or white blood count
- 9. HCT, Hct
- 10. human immunodeficiency virus
- 11. MRSA
- 12. non-Hodgkin lymphoma

Chapter Review

Word Building

- 1. (provided in chapter)
- 2. anisocytosis
- 3. dyscrasia
- 4. malaria
- 5. erythropeia
- 6. hemophilia
- 7. leukemia
- 8. macrocytosis
- 9. staphylococemia
- 10. autoimmune disease
- 11. polycythemia
- 12. poikilocytosis
- 13. septicemia
- 14. lymphadenitis

Define the Combining Form

- 1. bacteria; bacteremia
- 2. exempt, immunity; immunology, immunologist, immunodeficiency, immunosppression
- 3. blood; hematology, hematologist, hematopathologist, hemolysis, hemorrhage, hematoma, hemoglobinopathy, hemophilia, hemorrhage,

- hemorrhagic fever, hematocrit, hematology, hemoglobin, hemostasis
- 4. red; erythropeia
- 5. gland; lymphadenitis
- 6. clear water or fluid; lymphatic system, lymphoma, lymphadenitis
- 7. spleen; splenomegaly, splenectomy
- 8. poison; toxemia
- 9. putrefying, wall or partition; septicemia, sepsis, septic, septic shock
- 10. white; leukemia

Complete the Labels

- 1. neutrophil
- 2. platelets
- 3. red blood cells
- 4. lymphatic vessel
- 5. thymus gland
- 6. spleen
- 7. lymph nodes

Medical Report Exercises

Medical Report Comprehension Questions

- 1. Persistent mild fever and body aches, tenderness of the armpit and groin lymph nodes.
- 2. Antibiotics may fail if the bacterial strain is resistant to its effects.
- 3. *Staphylococemia* means "condition of *Staphylococcus aureus* in the blood" and is commonly called a staph infection.

Case Study Questions

- a. lymphadenitis;
- b. lymphoma; c. Hodgkin disease; d. splenomegaly;
- e. differential count;
- f. infection; g. septicemia;
- h. staphylococemia;
- i. antibiotic;
- j. immunodeficiency;
- k. immunotherapy

Medical Report

Comprehension Questions

- 1. Dietary supplements were administered to see if the cause of the symptoms is pernicious anemia.
- 2. The reduced ability of red blood cells to carry oxygen.
- 3. The patient's complaint of lack of energy is the

primary evidence for a diagnosis of anemia.

Case Study Questions

- l. dyscrasia; m. complete blood count; n. hematocrit;
- o. hemoglobin; p. anemia

Chapter 8

Practice: Signs and Symptoms of the Cardiovascular System

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. brady/card/ia
- 2b. heart
- 3a. cardi/o/dynia
- 3b. condition of pain
- 4a. cardi/o/genic
- 4b. pertaining to producing
- 5a. cyan/osis
- 5b. blue
- 6a. angi/o/spasm
- 6b. sudden, involuntary muscle spasm

The Right Match

- 1. f
- 2. e
- 3. g
- 4. a
- 5. d
- 6. h
- 7. c
- 8. b

Practice: Diseases and Disorders of the Cardiovascular System

Linkup

- 1. (provided in chapter)
- 2. cardiomyopathy
- 3. atherosclerosis
- 4. angioma
- 5. pericarditis
- 6. angiocarditis
- 7. varicosis
- 8. thrombosis
- 9. hypertension

The Right Match

- 1. e
- 2. k
- 3. i
- 4. f
- 5. g
- 6. a
- 7. d
- 8. b
- 9. j
- 10. c
- 11. h

Practice: Treatments, Procedures, and Devices of the Cardiovascular System

The Right Match

- 1. d
- 2. g
- 3. e
- 4. f
- 5. a
- 6. h
- 7. c
- 8. b
- 9. j
- 10. i

Break the Chain

- 1a. arteri/o/gram
- 1b. a record or image
- 2a. ech/o/cardi/o/graphy
- 2b. sound
- 3a. embol/ectomy
- 3b. a plug
- 4a. sphygm/o/man/o/metry
- 4b. process of measuring
- 5a. phleb/o/tom/ist
- 5b. vein
- 6a. electr/o/cardi/o/graphy
- 6b. recording process
- 7a. cardi/o/pulmon/ary
- 7b. lung
- 8a. end/arter/ectomy
- 8b. within
- 9a. valvul/o/plasty
- 9b. surgical repair

Practice: Abbreviations

- 1. CHF
- 2. atrial septal defect
- 3. CABG
- 4. myocardial infarction
- 5. PET
- 6. cardiopulmonary resuscitation
- 7. ASHD
- 8. atrioventricular
- 9. ECG, EKG
- 10. coronary artery disease
- 11. AED
- 12. right ventricle
- 13. VSD
- 14. mitral valve prolapse

Chapter Review

Word Building

- 1. (provided in chapter)
- 2. angiocarditis
- 3. angiotenosis
- 4. angioma
- 5. arteriosclerosis
- 6. bradycardia
- 7. cardiodynia
- 8. endarterectomy
- 9. cardiomegaly

10. endocarditis
11. arrhythmia
12. hypertension
13. myocardial infarction
14. myocarditis
15. electrocardiography

Define the Combining Form

1. blood vessel; angina pectoris, angiospasm, angiostenosis, angiocarditis, angioma, angiography, angiogram, angioplasty, angioscopy, angiostomy, angiectomy
2. heart; angiocarditis, cardiac arrest, cardiac tamponade, cardiomegaly, cardiomyopathy, cardiovalvulitis, endocarditis, myocardial infarction, myocarditis, pericarditis, cardiac catheterization, cardiac pacemaker, cardiopulmonary resuscitation, echocardiography, echocardiogram, electrocardiography
3. blood; hemorrhoids
4. vein; phlebectomy, phlebotomy, phlebotomist
5. narrow; angiostenosis, aortic stenosis
6. hard; arteriosclerosis, atherosclerosis
7. clot; thrombus, thrombosis, thrombolytic therapy
8. sound; echocardiography, echocardiogram

Complete the Labels

1. Lung (or pulmonary) capillaries
2. Left pulmonary veins
3. Artery
4. Heart
5. Aorta
6. Right ventricle
7. Mitral (or bicuspid) valve
8. Left ventricle

Medical Report Exercises

Medical Report Comprehension Questions

1. Mild chest pain that is not characteristic of angina pectoris.
2. The mild chest pain combined with the dental extractions suggests a bacterial infection that originated from the mouth.
3. Congestive heart failure

Case Study Questions

- a. angina pectoris;
- b. cardiology; c. cardiologist; d. electrocardiography;
- e. stress ECHO; f. block;
- g. myocardial infarction;
- h. angiostenosis; i. atherosclerosis; j. cardiovalvulitis;
- k. valvuloplasty

Medical Report Comprehension Questions

1. The cause of the abdominal pain is angiospasm from the aortic aneurysm.
2. The aortogram provided the evidence for the diagnosis of aortic aneurysm.
3. An angioplasty is a surgical repair of a blood vessel. In this case, it is performed to repair the aortic aneurysm, probably by the insertion of a stent to reinforce the weakened blood vessel wall.

Case Study Questions

- l. hypertension; m. aortogram;
- n. angiospasm; o. aneurysm;
- p. angioplasty; q. arteriotomy

Chapter 9

Practice: Signs and Symptoms of the Respiratory System

The Right Match

1. i
2. f
3. d
4. e
5. a
6. b
7. c
8. j
9. g
10. h
11. k

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. dys/phonia
- 2b. condition of sound or voice
- 3a. dys/pnea
- 3b. difficult
- 4a. epi/staxis
- 4b. dripping
- 5a. hyper/pnea
- 5b. breath
- 6a. laryng/o/spasm
- 6b. larynx

Practice: Diseases and Disorders of the Respiratory System

Linkup

1. (provided in chapter)
2. sinusitis
3. bronchiectasis
4. tracheostenosis
5. asphyxia
6. tonsillitis
7. bronchogenic carcinoma
8. pneumoconiosis
9. tuberculosis
10. legionellosis
11. pulmonary embolism

The Right Match

1. h
2. e
3. g
4. a
5. i
6. d
7. c
8. j
9. f
10. b

Practice: Treatments, Procedures, and Devices of the Respiratory System

The Right Match

1. j
2. f
3. g
4. c
5. b
6. e
7. i
8. d
9. h
10. a

Break the Chain

- 1a. trache/o/tomy
- 1b. incision or to cut
- 2a. thora/centesis
- 2b. chest, thorax
- 3a. pneumon/ectomy
- 3b. lung, air
- 4a. bronch/o/scopy
- 4b. process of viewing
- 5a. aden/oid/ectomy
- 5b. resembling
- 6a. bronch/o/dilat/ion
- 6b. process
- 7a. lob/ectomy
- 7b. round part, lobe
- 8a. rhin/o/plasty
- 8b. nose
- 9a. sept/o/plasty
- 9b. surgical repair

Practice: Abbreviations

1. CPAP
2. TB
3. adult (or acute) respiratory distress syndrome
4. CXR
5. cardiopulmonary resuscitation
6. CF
7. upper respiratory infection
8. SCLC
9. chronic obstructive pulmonary disease
10. PE
11. acid-fast bacilli smear
12. NRDS
13. shortness of breath
14. PFTs
15. purified protein derivative

Chapter Review

Word Building

1. (provided in chapter)
2. anoxia
3. bronchitis
4. respiratory distress syndrome (or ARDS, or NRDS)
5. auscultation
6. hypoxia
7. dyspnea
8. hypercapnia
9. bronchiectasis
10. pneumoconiosis
11. bronchogenic carcinoma
12. cystic fibrosis
13. tracheitis
14. asphyxia
15. bronchogram
16. thoracentesis (or pleurocentesis)
17. oximetry

Define The Combining Form

1. airway, bronchus; bronchiectasis, bronchitis, bronchiolitis, bronchogenic carcinoma, bronchopneumonia
2. voice box, larynx; laryngitis, laryngospasm, laryngectomy, laryngoscopy, laryngotracheotomy
3. oxygen; hypoxia, oximetry
4. nose; rhinorrhagia, rhinitis, rhinoplasty
5. incomplete; atelectasis
6. pleura, rib; pleuritis, pleural effusion, pleurocentesis
7. air, lung; bronchopneumonia, pneumoconiosis,

- pneumonia, pneumonitis, pneumonectomy
8. lung; pulmonary, pulmonologist

Complete the Labels

1. hard palate
2. pharyngeal tonsil
3. epiglottis
4. thyroid cartilage
5. pharynx
6. trachea
7. right lung
8. right main (or primary) bronchus

Medical Report Exercises

Medical Report Comprehension Questions

1. Dyspnea, thoracalgia, and malaise support the diagnosis of TB infection.
2. It is likely that the TB infection originated from exposure brought home by either of his parents.
3. TB is an abbreviation for tuberculosis, a bacterial infection of the lungs and other organs that often becomes chronic and severe if not managed aggressively with antibiotic therapy.

Case Study Questions

- a. coryza (or acute rhinitis); b. bronchitis;
- c. bronchodilating;
- d. tuberculosis (TB); e. acid-fast; f. tuberculosis; g. chest x-rays

Medical Report

Comprehension Questions

1. Pneumonia causes the symptoms of dyspnea and thoracalgia.
2. It is important to locate the source of the infection, such as the home or school, to prevent the further spread of the disease.
3. The source of the infection causing pneumonia is the fungus *Pneumocystis jiroveci*

Case Study Questions

- h. dyspnea; i. thoracalgia;
- j. auscultation; k. pulse oximeter; l. spirometer;
- m. hypoxemia; n. pneumonia;

- o. acid-fast; p. *Pneumocystis jiroveci*; q. pneumonia

Chapter 10

Practice: Signs and Symptoms of the Digestive System

The Right Match

1. c
2. a
3. b
4. f
5. i
6. e
7. h
8. d
9. g

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. dys/peps/ia
- 2b. digestion
- 3a. gastr/o/dynia
- 3b. stomach
- 4a. hemat/emesi
- 4b. vomiting
- 5a. steat/o/rhea
- 5b. fat
- 6a. hepat/o/megal/y
- 6b. liver

Practice: Diseases and Disorders of the Digestive System

The Right Match

1. i
2. j
3. n
4. c
5. k
6. l
7. e
8. a
9. h
10. b
11. g
12. f
13. o
14. r
15. p
16. m
17. d
18. q

Linkup

1. (provided in chapter)
2. glossitis
3. cholelithiasis
4. proctoptosis
5. hepatoma
6. gastromalacia
7. esophagitis
8. gastroenteritis

9. pancreatitis
10. dysentery
11. anorexia nervosa
12. polyposis

Practice: Treatments, Procedures, and Devices of the Digestive System

The Right Match

1. f
2. c
3. h
4. g
5. e
6. d
7. i
8. a
9. j
10. b

Break the Chain

- 1a. anti/emetic
- 1b. vomiting
- 2a. gloss/o/rrhaphy
- 2b. tongue
- 3a. sigmoid/o/scopy
- 3b. the letter S (sigmoid)
- 4a. hemorrhoid/ectomy
- 4b. surgical removal
- 5a. lapar/o/tomy
- 5b. abdomen
- 6a. pylor/o/plasty
- 6b. surgical repair
- 7a. anti/spasmodic
- 7b. against
- 8a. gingiv/ectomy
- 8b. gums
- 9a. vag/o/tomy
- 9b. incision

Practice: Abbreviations

1. barium enema
2. IBD
3. upper GI series
4. GERD
5. nausea and vomiting
6. UGI
7. irritable bowel syndrome
8. LGI
9. stool culture and sensitivity
10. GI
11. fecal occult blood test
12. EGD
13. lactose intolerance

Chapter Review

Word Building

1. (provided in chapter)
2. hepatomegaly
3. dysphagia
4. cheilitis
5. cholecystitis
6. cholelithiasis
7. colitis
8. colorectal cancer

9. enteritis
10. gastromalacia
11. diverticulosis
12. hepatoma
13. sialoadenitis
14. hemorrhoidectomy
15. colostomy
16. proctoscopy
17. laparoscopy
18. glossorrhaphy
19. polypectomy

Define the Combining Form

1. stomach; gastrodynia, gastrectasis, gastric cancer, gastric ulcer, gastritis, gastroenteritis, gastroduodenitis, gastroenterocolitis, gastroesophageal reflux disease, gastromalacia, gastrectomy, gastric lavage
2. gallbladder; cholecystitis, cholecystogram, cholecystectomy
3. common bile duct; cholechochitis, choledocholithiasis, choledocholithotomy
4. small intestine; gastroenteritis, gastroenterocolitis
5. duodenum; duodenal ulcer
6. gums; gingivitis
7. colon; colitis, colorectal cancer, colon cancer
8. digestion; peptic ulcer, dyspepsia

Complete the Labels

1. pharynx
2. esophagus
3. stomach
4. pancreas
5. small intestine
6. large intestine
7. gallbladder
8. liver
9. teeth (incisor)
10. soft palate
11. uvula
12. pharynx
13. tongue

Medical Report Exercises

Medical Report Comprehension Questions

1. Crohn's disease
2. A laparoscopy confirmed the initial diagnosis of Crohn's disease. Also, a colonoscopy revealed inflamed diverticula of the colon, and a barium enema revealed inflammation of the ileum.

3. A laparoscopy is a diagnostic procedure in which a modified endoscope, called a laparoscope, is inserted into the abdomen to observe and surgically correct a condition.

Case Study Questions

- a. diarrhea; b. flatus; c. constipation; d. lactose intolerance; e. irritable bowel syndrome; f. Crohn's disease; g. inflammatory bowel; h. barium enema; i. laparoscopy

Medical Report Comprehension Questions

- The father is the more likely source of an inherited condition.
- The complaints of diarrhea or constipation are common after eating and support IBS as a diagnosis.
- IBS is an abbreviation for irritable bowel syndrome.

Case Study Questions

- m. anorexia nervosa; n. colonoscopy; o. C&S; p. hemorrhoids; q. lactose intolerance; r. irritable bowel syndrome

Chapter 11

Practice: Signs and Symptoms of the Urinary System

The Right Match

- g
- c
- i
- f
- b
- e
- a
- h
- d

Break the Chain

- 1a. & 1b. (provided in chapter)
 2a. azot/emia
 2b. urea, nitrogen
 3a. dys/uria
 3b. pertaining to urine or urination
 4a. an/uria
 4b. without or absence of
 5a. py/uria
 5b. pus
 6a. glycos/uria
 6b. sweet, sugar
 7a. bacteri/uria
 7b. pertaining to urine, urination

- 8a. keton/uria
 8b. ketone

Practice: Diseases and Disorders of the Urinary System

The Right Match

- b
- c
- e
- f
- a
- d
- i
- g
- h
- j
- l
- k

Linkup

- (provided in chapter)
- glomerulonephritis
- pyelonephritis
- nephrolithiasis
- hydronephrosis
- nephroma
- pyelitis

Practice: Treatments, Procedures, and Devices of the Urinary System

Break the Chain

- 1a. cyst/o/graphy
 1b. recording process
 2a. cyst/o/lith/o/tomy
 2b. incision or to cut
 3a. lith/o/tripsy
 3b. stone
 4a. hem/o/dia/lysis
 4b. through
 5a. cyst/o/rrhaphy
 5b. no
 6a. nephro/lysis
 6b. loosen or dissolve
 7a. nephro/gram
 7b. a record or image
 8a. nephro/tom/o/graphy
 8b. kidney
 9a. ureter/o/stomy
 9b. surgical creation of an opening

The Right Match

- d
- e
- a
- b
- c
- h
- k
- i
- l
- f

11. g
 12. j

Practice: Abbreviations

- urinalysis
- RP
- catheter, catheterization
- VCUG
- intravenous pyelogram
- UTI
- hemodialysis
- ESKD
- specific gravity
- AKI
- extracorporeal shock wave lithotripsy
- BUN

Chapter Review

Word Building

- (provided in chapter)
- bacteriuria
- cystolith
- nephritis
- hematuria
- ureterocele
- enuresis
- nephrolithiasis
- nephropexy
- pyelostomy
- urethroplasty
- ureterotomy
- cystogram
- nephrography
- intravenous pyelogram
- nephroscope
- blood urea nitrogen (BUN)
- urinalysis

Define the Combining Form

- urine; urology, urologist, uremia, urinary retention, urinary tract infection, urinalysis, urinary endoscopy
- pus; pyuria
- kidney; renal transplant, renography
- renal pelvis; pyelitis, pyelonephritis, pyelogram, pyelolithotomy, pyeloplasty
- bladder, sac; cystitis, cystolith, cystocele, cystectomy, cystogram, cystography, cystoureterography, cystolithotomy, cystoplasty, cystorrhaphy, cystoscopy, cystoscope, cystostomy, cystotomy, polycystic kidney disease
- kidney; nephritis, nephroblastoma, nephrolithiasis, nephroma,

- nephromegaly, nephroplasty, nephroptosis, nephrectomy, nephrogram, nephrology, nephrography, nephrologist, nephrolysis, nephropexy, nephroscopy, nephrosonography, nephrostomy, nephrotomogram, nephrotomography
 7. narrow; ureterostenosis, urethrostenosis
 8. ureter; ureterocele, ureterolithiasis, ureterectomy, ureterostomy, ureterotomy

Complete the Labels

- kidney
- renal artery and vein
- ureter
- urinary bladder
- urethra
- renal cortex
- renal pelvis
- ureter

Medical Report Exercises

Medical Report Comprehension Questions

- Lumbar pain, malaise, hematuria, loss of appetite, generalized body aches
- Nephrotomography* literally means a "recording process of a cut kidney" and refers to a diagnostic procedure of observing the internal structure of a kidney using a series of x-rays. The term *nephrectomy* is the surgical procedure involving the removal of a kidney.
- Dialysis is ordered prior to surgery to stabilize the patient's condition, which will reduce the surgical risk of death.

Case Study Questions

- a. urinalysis; b. albuminuria; c. hematuria; d. nephrotomography; e. nephroscopy; f. nephromegaly; g. polycystic kidney disease; h. pyelonephritis; i. hemodialysis; j. renal transplant

Medical Report Comprehension Questions

- Any condition associated with the left kidney could cause the symptoms of lumbar pain, dysuria, and

nocturia, such as polycystic kidney disease, glomerulonephritis, etc.

2. It is unlikely that Type 2 DM contributed to the renal calculi because DM usually causes high urine flow rather than low flow.
3. *Renal calculi* is the presence of mineral deposits, or stones, within the renal pelvis that interfere with the flow of urine, and *pyelonephritis* is inflammation of the renal pelvis and kidney nephrons.

Medical Report Case Study

k. dysuria; l. nocturia; m. urinalysis; n. nephrolithiasis; o. urology; p. urologist; q. pyelogram; r. nephroscopy; s. lithotripsy

Chapter 12

Practice: Signs and Symptoms of the Male Reproductive System

The Right Match

1. d
2. a
3. b
4. e
5. c

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. olig/o/sperm/ia
- 2b. few in number
- 3a. test/algia
- 3b. testis
- 4a. urethr/itis
- 4b. inflammation
- 5a. a/sperm/ia
- 5b. without or absence of

Practice: Diseases and Disorders of the Male Reproductive System

The Right Match

1. d
2. a
3. e
4. b
5. f
6. c

Linkup

1. (provided in chapter)
2. balanitis
3. epididymitis
4. hydrocele
5. varicocele

Practice: Treatments, Procedures, and Devices of the Male Reproductive System

The Right Match

1. c
2. a
3. e
4. b
5. d
6. g
7. h
8. i
9. f

Break the Chain

- 1a. vas/ectomy
- 1b. vas deferens
- 2a. hydr/o/cel/ectomy
- 2b. hernia, swelling, or protrusion
- 3a. orchid/o/pexy
- 3b. testis
- 4a. prostat/ectomy
- 4b. surgical removal
- 5a. vas/o/vas/o/stomy
- 5b. surgical creation of an opening

Practice: Signs and Symptoms of the Female Reproductive System

Linkup

1. amenorrhea
2. colpodynia
3. mastalgia
4. menorrhagia
5. hematosalpinx
6. oligomenorrhea
7. metrorrhagia
8. leukorrhea
9. dysmenorrhea
10. hydrosalpinx

Practice: Diseases and Disorders of the Female Reproductive System

The Right Match

1. b
2. c
3. a
4. e
5. f
6. d
7. i
8. g
9. j
10. h

Break the Chain

- 1a. vulv/itis
- 1b. vulva
- 2a. salping/o/cele
- 2b. fallopian tube
- 3a. a/mast/ia
- 3b. breast

- 4a. endo/metr/i/osis
- 4b. within
- 5a. lei/o/my/oma
- 5b. smooth

Practice: Treatments, Procedures, and Devices of the Female Reproductive System

The Right Match

1. i
2. e
3. a
4. h
5. c
6. g
7. d
8. b
9. f

Linkup

1. vulvectomy
2. colpoplasty
3. gynecology
4. hysterectomy
5. colporrhaphy
6. hysteropexy
7. mammogram
8. oophorectomy
9. salpingectomy

Practice: Signs and Symptoms of Obstetrics

Break the Chain

- 1a. dys/toc/ia
- 1b. condition of
- 2a. hyper/emesis
- 2b. excessive
- 3a. pseud/o/cyesis
- 3b. false
- 4a. poly/hydr/amni/o/s
- 4b. amnion
- 5a. lact/o/rrhea
- 5b. discharge
- 6a. amni/o/rrhea
- 6b. discharge

Practice: Diseases and Disorders of Obstetrics

The Right Match

1. c
2. f
3. a
4. h
5. g
6. b
7. e
8. d

Practice: Treatments, Procedures, and Devices of Obstetrics

The Right Match

1. d
2. a

3. f
4. c
5. b
6. e

Linkup

1. amniocentesis
2. episiotomy
3. fetometry

Practice: Sexually Transmitted Infections (STIs)

The Right Match

1. c
2. i
3. f
4. h
5. a
6. b
7. e
8. g
9. d

Practice: Abbreviations

1. prostate-specific antigen
2. STI
3. human immunodeficiency virus
4. TURP
5. benign prostatic hyperplasia
6. AIDS
7. HBV
8. herpes simplex virus type 2
9. DRE
10. human papillomavirus
11. CIN
12. dilation and curettage
13. CIS
14. hormone replacement therapy
15. NRDS
16. premenstrual syndrome
17. TAB
18. polycystic ovary syndrome
19. PID
20. transvaginal sonography
21. GYN
22. biopsy
23. Pap smear
24. erectile dysfunction
25. FBD
26. obstetrics
27. C-section
28. obstetrics/gynecology
29. SAB
30. pregnancy-induced hypertension
31. FAS
32. infiltrating ductal carcinoma

Chapter Review

Word Building

1. (provided in chapter)
2. testicular carcinoma
3. priapism
4. phimosis
5. circumcision
6. hep
7. orchidotomy (or orchiotomy)
8. cryptorchidism
9. oligospermia
10. orchitis
11. varicocele
12. amenorrhea
13. leukorrhea
14. mastalgia
15. menorrhagia
16. oligomenorrhea
17. endometriosis
18. cervicitis

Define the Combining Form

1. glans penis; balanorrhea, balanitis, balanoplasty
2. testis; anorchism, cryptorchism, orchidopexy, orchidoplasty
3. testis; testalgia, testicular torsion, testicular carcinoma
4. seed, sperm; aspermia, azoospermia, oligospermia
5. vagina; colpodynia, colpectomy, colpoplasty, colporrhaphy
6. breast; mammo-plasty, mammography, mammogram
7. uterus; metrorrhagia
8. fallopian tube; pyosalpinx, salpingitis, salpingocele, salpingectomy, salpingo-oophorectomy, salpingopexy, salpingostomy
9. pregnancy; pseudocyesis
10. birth; dystocia

Complete the Labels

1. vas deferens
2. prostate gland
3. testis
4. epididymis
5. vagina
6. ovary
7. labia minora
8. cervix
9. vagina

Medical Report Exercises

Medical Report Comprehension Questions

1. Dysmenorrhea and menorrhagia are both consistent

with evidences that point to CIS.

2. A Pap smear was performed to evaluate stages of cervical cell changes as an examination for CIS, which is characterized by cell changes.
3. *Dysmenorrhea* is abnormal pain during menstruation and *menorrhagia* is an abnormally heavy menstrual flow.

Case Study Questions

- a. dysmenorrhea; b. menorrhagia; c. leukorrhea; d. dilation and curettage; e. Papanicolaou (Pap) smear; f. HPV (human papillomavirus); g. colposcopy; h. carcinoma in situ of the cervix; i. cervical conization

Medical Report Comprehension Questions

1. Testicular cancer is supported by sensitivity in the scrotal and genital region, palpable lump on lateral aspect of right testis, and positive biopsy for nonseminoma testicular cancer in both testes.
2. The gonorrhea infection was obtained through unprotected sex.
3. A bilateral orchiectomy is surgical excision of both testes, also called castration.

Case Study Questions

- j. oligospermia; k. orchiepididymitis; l. balanorrhea; m. gonorrhea; n. testicular; o. orchiectomy; p. infertile

Chapter 13

Practice: Signs and Symptoms of the Nervous System

Linkup

1. (provided in chapter)
2. hyperalgesia
3. polyneuralgia
4. hyperesthesia
5. neurasthenia
6. neuralgia
7. paresthesia

The Right Match

1. e
2. d

3. g
4. h
5. c
6. b
7. a
8. f

Practice: Diseases and Disorders of the Nervous System

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. cerebell/itis
- 2b. little brain or cerebellum
- 3a. encephal/itis
- 3b. brain
- 4a. epi/lepsy
- 4b. seizure
- 5a. mening/itis
- 5b. inflammation
- 6a. para/plegia
- 6b. paralysis
- 7a. neur/oma
- 7b. tumor
- 8a. neur/itis
- 8b. nerve

The Right Match

1. k
2. e
3. g
4. a
5. h
6. j
7. c
8. f
9. d
10. i
11. b

Practice: Treatments, Procedures, and Devices of the Nervous System

Linkup

1. anesthesia
2. craniectomy
3. neurology
4. craniotomy
5. neurorrhaphy
6. psychiatry
7. vagotomy
8. psychology

The Right Match

1. e
2. c
3. d
4. b
5. g
6. a
7. f

Practice: Mental Health Diseases and Disorders

The Right Match

1. f

2. c
3. e
4. b
5. d
6. a

Break the Chain

- 1a. dys/lexia
- 1b. bad, abnormal, painful, or difficult
- 2a. neur/osis
- 2b. nerve
- 3a. psych/o/pathy
- 3b. disease
- 4a. psych/osis
- 4b. mind

Practice: Abbreviations

1. EP studies
2. positron emission tomography
3. electroencephalography
4. CT scan
5. magnetic resonance imaging
6. PD
7. cerebral palsy
8. echoEG
9. deep tendon reflexes
10. MS
11. cerebrovascular accident
12. AD
13. amyotrophic lateral sclerosis
14. ADD
15. attention-deficit/hyperactivity disorder
16. TBI

Chapter Review

Word Building

1. (provided in chapter)
2. cephalalgia
3. cerebellitis
4. cerebral vascular disease
5. glioma
6. encephalomalacia
7. neuropathy
8. hyperesthesia
9. encephalitis
10. meningocele
11. multiple sclerosis
12. myelitis
13. neurasthenia
14. neuroma
15. neuralgia
16. paresthesia
17. hemiplegia
18. polyneuritis
19. psychopathy
20. quadriplegia

Define the Combining Form

1. membrane; meningitis, meningioma, meningocele, meningomyelocele

2. brain; cerebral aneurysm, cerebral atherosclerosis, cerebral embolism, cerebral hemorrhage, cerebral palsy, cerebrovascular accident
3. brain; encephalitis, encephalomalacia, electroencephaly
4. spinal cord, medulla, myelin; myelitis, poliomyelitis
5. nerve; neurology, neurologist, neuritis, polyneuritis, neuroma, neuropathy, polyneuropathy, neurectomy, neurolysis, neuroplasty, neurorrhaphy, neurotomy, neurectomy
6. sensation; paresthesia. anesthesia, anesthetist
7. skull, cranium; craniectomy, craniotomy
8. knot, ganglion; ganglionectomy
9. mind; psychology, psychologist, psychiatry, psychiatrist, psychotherapy, psychopathy, psychosis, psychosomatic
10. to speak; aphasia

Complete the Labels

1. brain
2. gray
3. ganglion
4. nerve
5. cerebral
6. left
7. cerebrum
8. cerebellum
9. stem

Medical Report Exercises

Medical Report Comprehension Questions

1. The early sign is the polyneuritis reported on the left limb and shoulder, which indicates possible brain damage to the right side.
2. The primary possible consequence to the patient is brain damage to the right temporal lobe.
3. The term *neuralgia* means a “pain in a nerve,” and *cephalgia* means a “pain in the head,” or headache.

Case Study Questions

- a. cephalgia; b. neuralgia;
- c. polyneuritis; d. analgesics;

- e. paresthesia; f. computed tomography; g. magnetic resonance imaging; h. intracranial;
- i. craniotomy

Medical Report Comprehension Questions

1. Veteran of Vietnam War with a history of drug use and chronic depression are indicators of PTSD.
2. The MRI revealed a slow leakage of blood within the brain.
3. The term *aphasia* means a “condition of without speech,” and *agnosia* means a “condition of without knowledge.”

Case Study Questions

- j. epilepsy; k. aphasia;
- l. paresthesia;
- m. Alzheimer disease;
- n. cerebral hemorrhage;
- o. cerebral angiography;
- p. cerebrovascular accident;
- q. psychopathy; r. psychosis;
- s. encephalomalacia

Chapter 14

Practice: Signs and Symptoms of the Eyes and Sight

The Right Match

1. f
2. d
3. a
4. e
5. b
6. c

Linkup

1. (provided in chapter)
2. asthenopia
3. ophthalmalgia
4. ophthalmorrhagia
5. blepharoptosis
6. blepharitis

Practice: Diseases and Disorders of the Eyes and Sight

The Right Match

1. d
2. e
3. b
4. f
5. a
6. c

Linkup

1. conjunctivitis
2. diplopia
3. astigmatism
4. iritis

5. retinopathy
6. ophthalmopathy

Practice: Treatments, Procedures, and Devices of the Eyes and Sight

The Right Match

1. c
2. d
3. b
4. a
5. f
6. e

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. dacry/o/cyst/o/rhin/o/stomy
- 2b. surgical creation of an opening
- 3a. ophthalm/o/logist
- 3b. eye

Practice: Signs and Symptoms of the Ears and Hearing

The Right Match

1. b
2. d
3. f
4. a
5. c
6. e

Linkup

1. paracusis
2. otorrhea
3. otalgia
4. otorrhagia
5. anacusis
6. hyperacusis

Practice: Diseases and Disorders of the Ears and Hearing

The Right Match

1. c
2. f
3. b
4. e
5. d
6. a

Linkup

1. otitis
2. otosclerosis
3. otopathy
4. mastoiditis

Practice: Treatments, Procedures, and Devices of the Ears and Hearing

The Right Match

1. c
2. a
3. e
4. f

5. b
6. d

Break the Chain

1. a) ot/o/logist
1. b) ear
2. a) tympan/o/metry
2. b) measurement
3. a) myring/o/plasty
3. b) membrane, eardrum

Practice: Abbreviations

1. OM
2. ear, nose, and throat
3. Oto
4. both ears
5. AS
6. emmetropia
7. ARMD
8. right ear
9. EENT
10. tympanic membrane
11. phaco
12. head, eyes, ears, nose, and throat
13. Ast
14. laser-assisted in situ keratomileusis
15. IOL
16. right eye; in Latin *oculus dexter*

Chapter Review

Word Building

1. (provided in chapter)
2. blepharoptosis
3. dacryolithiasis
4. conjunctivitis
5. ophthalmomalacia
6. ophthalmoplegia
7. retinopathy
8. optometrist
9. dacryocystitis
10. ophthalmorrhagia
11. leukocoria
12. otitis media
13. otalgia
14. otosclerosis
15. otorrhea

Define the Combining Form

1. eyelid; blepharoptosis
2. pupil; leukocoria
3. eye; ophthalmalgia, ophthalmoplegia, ophthalmology, ophthalmologist
4. to bind together, conjunctiva; conjunctivitis
5. tear; dacryolithiasis, dacryocystitis
6. hard, cornea; keratitis
7. retina; retinopathy
8. ear; otorrhea, otorrhagia, otalgia
9. hearing; audiologist, audiometry, audiology

10. maze, inner ear;
labyrinthectomy

Complete the Labels

1. cornea
2. lens
3. retina
4. sclera
5. malleus
6. semicircular canals
7. cochlea
8. tympanic cavity
9. tympanic membrane

Medical Report Exercises

Medical Report Comprehension Questions

1. The diagnosis of conjunctivitis is supported by ophthalmalgia, inflammation, and exudates.
2. Antibiotics is the common form of treatment because conjunctivitis is usually caused by a bacterial infection.
3. The meaning of *OU ophthalmalgia* is “pain in each eye.”

Case Study Questions

- a. ophthalmalgia; b. OS;
- c. blepharitis; d. conjunctivitis;
- e. ophthalmologist; f. conjunctivitis; g. keratitis

Medical Report Comprehension Questions

1. In an infant, the evidence includes pulling at the ear, crying and fussiness, possible fever, and difficulty sleeping.
2. The myringotomy is performed to drain fluids from the tympanic cavity to relieve the pressure caused by the infection.

Case Study Questions

- h. otalgia; i. AD; j. otoscope; k. myringitis; l. otitis media; m. eye, ear, nose, & throat; n. otologist; o. otitis media; p. myringotomy; q. audiometry

Chapter 15

Practice: Signs and Symptoms of the Endocrine System

The Right Match

1. d

2. e
3. a
4. b
5. c

Break the Chain

- 1a. & 1b. (provided in chapter)
- 2a. ex/ophthalm/o/s
- 2b. eye
- 3a. poly/uria
- 3b. pertaining to urine or urination
- 4a. acr/o/megaly
- 4b. extremity
- 5a. ket/o/acid/osis
- 5b. ketone

Practice: Diseases and Disorders of the Endocrine System

Linkup

1. (provided in chapter)
2. adenopathy
3. adenocarcinoma
4. hyperadrenalism
5. hypercalcemia
6. hypoglycemia
7. hyperparathyroidism
8. hypothyroidism
9. pancreatitis
10. thyroiditis

The Right Match

1. f
2. d
3. h
4. j
5. a
6. b
7. e
8. c
9. g
10. i

Practice: Treatments, Procedures, and Devices of the Endocrine System

The Right Match

1. d
2. c
3. a
4. b
5. g
6. e
7. f

Break the Chain

- 1a. adren/al/ectomy
- 1b. pertaining to
- 2a. endo/crin/o/logy
- 2b. to secrete
- 3a. thyroid/oma

- 3b. tumor
- 4a. thyroid/o/tomy
- 4b. incision or to cut
- 5a. thyr/o/para/thyroid/ectomy
- 5b. surgical excision or removal

Practice: Abbreviations

1. glucose tolerance test
2. RAIU
3. postprandial blood sugar
4. DI
5. fasting blood sugar
6. HRT
7. diabetes mellitus
8. PTH
9. adrenocorticotrophic hormone
10. FSH

Chapter Review

Word Building

1. (provided in chapter)
2. hyperthyroidism
3. diabetic neuropathy
4. adrenalitis
5. endocrinopathy
6. hypercalcemia
7. parathyroidoma
8. pituitary gigantism
9. hypoadrenalism
10. hirsutism
11. hypoparathyroidism
12. hypoglycemia
13. thyrotoxicosis
14. Hashimoto's disease
15. hypogonadism

Define the Combining Form

1. gland; adenoma, adenocarcinoma
2. adrenal gland; adrenalitis, adrenomegaly, hyperadrenalism, hypoadrenalism, adrenalectomy
3. to secrete; endocrine, endocrinology, endocrinologist, endocrinopathy
4. thyroid gland; parathyroid, hypothyroidism, hyperthyroidism, thyroiditis, thyroidectomy, thyroidoma, thyroidotomy
5. sugar; hypoglycemia, hyperglycemia
6. pancreas; pancreatitis
7. calcium; hypercalcemia, hypocalcemia
8. acid/o; acidosis

Complete the Labels

1. gland
2. thyroid
3. adrenal
4. pancreas
5. testis

Medical Report Exercises

Medical Report Comprehension Questions

1. Malaise between meals, polydipsia, polyuria, cephalalgia
2. No, the diagnosis is lifelong and not presently curable.
3. FBS is fasting blood sugar, which refers to a blood test for glucose following an overnight fast (i.e., before breakfast). GTT is a glucose tolerance test, in which a patient is given a known amount of glucose and the blood is tested for it at timed intervals.

Case Study Questions

- a. endocrinology;
- b. polydipsia; c. ketosis;
- d. acidosis; e. fasting blood sugar; f. glucose;
- g. hyperglycemia; h. insulin;
- i. type 1 diabetes

Medical Report Comprehension Questions

1. A tumor of the adrenal gland often causes hypersecretion of androgens, which leads to excess body hair or hirsutism.
2. Hyperglycemia is related to weight gain because it is an excessive amount of sugar in the blood, which encourages the deposition of fat into tissues.
3. Adrenal hyperplasia is the excessive growth of an adrenal gland caused by a genetic error.

Case Study Questions

- j. hirsutism; k. adrenalitis;
- l. adrenal hyperplasia;
- m. Cushing; n. hyperglycemia; o. androgens;
- p. hirsutism; q. adenoma;
- r. adrenalectomy