Learning Objectives

1. Write the meanings of Chapter 2 word parts, or match word parts with their meanings.
2. Match medical specialists with the areas in which they specialize.
3. Identify the common medical conditions associated with each specialty.
4. Identify the suffixes for surgical procedures, symptoms, and diagnoses.
5. Identify combining forms for selected body structures.
6. Build and analyze medical terms with combining forms and suffixes.
7. Write the correct term when presented with its definition, or match terms with their definitions.
8. Spell medical terms correctly.

Using Suffixes to Write Words

- append/o + -ectomy

Suffixes: Specialists or Specialties

- -er, -ist (one who)
- -iatrician (practitioner)
- -iatrics, -iatry (medical profession or treatment)

Suffixes: Specialists or Specialties, cont.

- -logist (one who studies; specialist)
- -logy (study or science of)

Suffixes: “Pertaining to”

- -ac, -al, -ic
- -logic, -logical

Combining Forms: Selected Medical Specialties

- cardi/o (heart)
- crin/o (to secrete)
- dermat/o (skin)
- esthesi/o (sensation)
- gastr/o, enter/o (stomach)
- ger/a, ger/o, geront/o (elderly)

Combining Forms: Selected Medical Specialties, cont.

- gynec/o (female)
- immun/o (immune)
- ne/o (new)
- nat/o (birth)
- neur/o (nerve)
- obstetr/o (midwife)
Combining Forms: Selected Medical Specialties, cont.

- onc/o  tumor
- ophthalm/o  eye
- orth/o  straight
- ot/o  ear
- laryng/o  larynx or voice box
- path/o  disease
- ped/o  child or foot

Combining Forms: Selected Medical Specialties, cont.

- psych/o  mind
- radi/o  radiation
- rheumat/o  rheumatism
- rhin/o  nose
- ur/o  urinary tract (sometimes urine)

Quick Quiz!
A. eyes
B. tumors
C. ears, nose, and throat
D. skin

Terms Related to Medical Specialties
- pathology, pathologist, pathologic, pathological
- neurologist
- orthopedics, orthopedist
- anesthesiologist, anesthetist, anesthetic
- hospitalist
- psychiatry, psychiatrist

Terms Related to Medical Specialties, cont.
- psychology, psychologist
- intensivist
- epidemiologist
- therapist
- forensic medicine

Suffixes: Surgical Procedures
- -centesis
- -ectomy
- -lysis
- -pexy
- -plasty
- -rrhaphy (meaning suture)
Suffixes: Surgical Procedures, cont.

- -tripsy
- -scopy
- -tome
- -tomy
- -stomy

Combining Forms: Selected Body Structures

- aden/o gland
- angi/o vessel
- append/o, appendic/o appendix
- bi/o life
- blephar/o eyelid

Combining Forms: Selected Body Structures, cont.

- cerebr/o, encephal/o brain
- chir/o hand
- col/o colon or large intestine
- cutane/o skin
- faci/o face
- hepat/o liver
- mamm/o, mast/o breast

Combining Forms: Selected Body Structures, cont.

- muscul/o, my/o muscle
- myel/o bone marrow or spinal cord
- oste/o bone
- pulm/o, pulmon/o, pneum/o lung
- tonsil/l/o tonsils
- trache/o trachea (windpipe)
- vas/o vessel

Quick Quiz!
What does the suffix -centesis mean?
A. process of loosening
B. surgical puncture
C. surgical fixation
D. surgical crushing

Suffixes: Surgical Interventions

- colopexy
- mastectomy
- biopsy
- lumpectomy
- mammoplasty, augmentation mammoplasty
Suffixes: Surgical Interventions, cont.
- otoplasty, dermatoplasty, ophthalmoplasty
- dermatome
- encephalotome
- cerebrotomy
- angioplasty
- angiectomy

Suffixes: Symptoms or Diagnosis
- -algia, -dynia  pain
- -cele           hernia
- -ectasia, -ectasis  dilation, or dilatation
- -edema         swelling
- -emesis        vomiting
- -emia          blood condition

Suffixes: Symptoms or Diagnosis, cont.
- -ia, -iasis   condition
- -itis         inflammation
- -lith         stone
- -malacia      soft or softening
- -mania        excessive preoccupation
- -megaly       enlargement

Suffixes: Symptoms or Diagnosis, cont.
- -oid          resembling
- -oma          tumor
- -osis         condition
- -pathy        disease
- -penia        deficiency
- -phobia       fear

Suffixes: Symptoms or Diagnosis, cont.
- -ptosis       prolapse or sagging
- -rrhage, -rrhagia  hemorrhage
- -rrhea        flow or discharge
- -rrhexis      rupture
- -spasm        cramp or twitching
- -stasis       stopping or controlling

Miscellaneous Suffixes
- -able, -ible  capable of
-an, -ar, -ary, pertaining to
-eal, -ive, -tic,
-ous, -ac, -al, -ic
-eum, -ium membrane
-ia, -ism condition or theory

**Enzymes**
-ase = enzyme

-lact/o = milk (lactase is an enzyme that acts on the milk sugar lactose)
amy/o = starch (amylase is an enzyme that breaks down starch)
prote/o = protein (protease or proteinase are enzymes that break down protein.
lip/o = fat (lipase is an enzyme that breaks down fat)

**Quick Quiz!**
What does rhinorrhea mean?
A. inflammation of the brain
B. softening of bone
C. sagging of the eyelid
D. runny nose

**Miscellaneous Suffixes, cont.**
-iac one who suffers
-opia vision
-ous pertaining to or characterized by
-y state or condition

**Miscellaneous Word Parts**
amyl/o starch
glyc/o sugar
hemat/o blood
lact/o milk
lip/o fat

**Miscellaneous Word Parts, cont.**
lith/o stone
micro- small
muc/o mucus
prote/o, protein/o protein
pyr/o fire

**Eponyms & Abbreviations**

**Eponym**
names for diseases, organs, procedures, or body functions that are derived from the name of a person
Ex: Cesarean section, Parkinson disease

**Abbreviations**
Shortened forms of written words or phrases that are used in place of the whole
Types of Abbreviations
1. Letters  MD=doctor of medicine,  2. Shortened words  “stat”
3. Acronyms = words formed from initial letters of a compound term  CABG=coronary
    artery bypass graft

Acronyms and Abbreviations
- ED
- ENT
- ER
- GP
- GYN, Gyn, gyn
- ICU
- OB
- PA