INSTRUCTIONS

- Carefully remove the flash card pages from the textbook and separate them to create 160 flash cards.
- There are three types of cards: prefixes (such as a- and hyper-), suffixes (such as graphy and -rrhagia), and word roots/combining forms (such as gastr/o and arthr/o). For the prefixes and suffixes, the type of word part is listed on the front on each card. The definition is on the back.
- The word root/combining form cards are arranged by body systems. This allows you to sort out the cards you want to study based on where you are in the book. Use the “general” cards as they apply throughout your course.
- Use the flash cards to memorize word parts, to test yourself, and to serve as a periodic review.
- By putting cards together, you can create terms just as you did in the challenge word building exercises.

WORD PART GAMES

Here are games you can play with one or more partners to help you learn word parts using your flash cards.

The Review Game

Word Parts Up: Shuffle the deck of flash cards. Put the pile, word parts up, in the center of the desk. Take turns choosing a card from anywhere in the deck and giving the definition of the word part shown. If you get it right, you get to keep it. If you miss, it goes into the discard pile. When the draw pile is gone, whoever has the largest pile wins.

Definitions Up: Shuffle the deck of flash cards and place them with the definition side up. Play the review game the same way.

The Create-a-Word Game

Shuffle the deck and deal each person 14 cards, word parts up. Place the remaining draw pile in the center of the desk, word parts down.

Each player should try to create as many legitimate medical words as possible using the cards he or she has been dealt, then take turns discarding one card (word part up, in the discard pile) and taking one. When it is your turn to discard a card, you may choose either the card the previous player discarded, or a “mystery card” from the draw pile. Continue working on words until all the cards in the draw pile have been taken.

To score, each player must define every word created correctly. If the definition is correct, the player receives one point for each card used. If it is incorrect, two points are deducted for each card in that word. Cards left unused each count as one point off. Whoever has the highest number of points wins. Note: Use your medical dictionary if there is any doubt that a word is legitimate!
within, in, inside

without, away from, negative, not

half

before, toward

excessive, increased

against, counter

deficient, decreased

slow

between, among

bad, difficult, painful
INTRA-

POST-

NEO-

PRE-

PERI-

SUPER-, SUPRA-

POLY-

TACHY-
after  within, inside

before  new, strange

below  excessive, through

above, excessive  surrounding, around

fast, rapid  many
cell

pertaining to, relating to

surgical fixation of bone or joint, to bind, tie together

pain, suffering

surgical removal

pertaining to

stretching, enlargement

hernia, tumor, swelling

blood, blood condition

surgical puncture to remove fluid
-ESTHESIA

-GRAM, -GRAPH

-GRAPHY

-IA

-IC

-ITIS

-LYSIS

-MALACIA

-MEGALY

-MECROSIS
inflammation

breakdown, separation, setting free, destruction, loosening

abnormal softening

enlargement

tissue death

sensation, feeling

a picture or record

the process of recording

state or condition

pertaining to
surgical incision  
specialist

disease, suffering, feeling, emotion  
the science or study of

stopping  
tumor

surgical fixation, to put in place  
abnormal condition

surgical repair  
surgical creation of an opening
-PLEGIA
-PNEA
-PTOSIS
-RRHAGIA, -RRHAGE
-RRHAPHY
-RRHEA
-RRHEXIS
-SCLEROSIS
-SCOPE
-SCOPY
abnormal flow or discharge

rupture

abnormal hardening

instrument for visual examination

to see, visual examination

paralysis

breathing

prolapse, drooping forward

bleeding, abnormal excessive fluid discharge

to suture
-STENOSIS

-TRIPSY

-URIA

ANGI/O

AORT/O
<table>
<thead>
<tr>
<th>Artery</th>
<th>Abnormal Narrowing</th>
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</thead>
<tbody>
<tr>
<td>Plaque, Fatty Substance</td>
<td>To Crush</td>
</tr>
<tr>
<td>Heart</td>
<td>Urination, Urine</td>
</tr>
<tr>
<td>Blood, Pertaining To The Blood</td>
<td>Pertaining To Blood Or Lymph Vessels</td>
</tr>
<tr>
<td>Vein</td>
<td>Aorta</td>
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</table>
Cardiovascular System

THROMB/O

Diagnostic Procedures

ECH/O

RADI/O

Digestive System

COL/O, COLON/O

DUODEN/I, DUODEN/O

ENTER/O

ESOPHAG/O

CHOLECYST/O

GASTR/O
colon, large intestine  clot

duodenum  vein

small intestine  sound

esophagus  radiation, x-rays

stomach  gallbladder
Digestive System

HEPAT/O

SIGMOID/O

Endocrine System

THYR/O, THYROID/O

ADIP/O

ALBIN/O

General

ADREN/O, ADRENAL/O

GONAD/O

CEPHAL/O

Endocrine & Reproductive Systems

PANCREAT/O

Endocrine & Digestive Systems

CERVIC/O
thyroid gland
dliver

fat

sigmoid colon

white

adrenal glands

head

sex gland

neck, cervix
(neck of uterus)

pancreas
abdomen, abdominal wall  
coronary, crown  

white  
blue  

fat, lipid  
cell  

black, dark  
red  

fungus  
tissue
tumor

skin

disease, suffering, feeling, emotion

pus

skin

fever, fire

sweat

tumor

skin

flesh (connective tissue)

sebum

cancerous
<table>
<thead>
<tr>
<th>System</th>
<th>Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integumentary</td>
<td>UNGU/O</td>
</tr>
<tr>
<td>Lymphatic</td>
<td>XER/O</td>
</tr>
<tr>
<td>Muscular</td>
<td>MY/O</td>
</tr>
<tr>
<td>Nervous</td>
<td>ENCEPHAL/O</td>
</tr>
<tr>
<td>Muscular</td>
<td>TEN/O, TEND/O, TENDIN/O</td>
</tr>
<tr>
<td>Lymphatic</td>
<td>SPLEN/O</td>
</tr>
<tr>
<td>Nervous</td>
<td>MENING/O</td>
</tr>
<tr>
<td>Muscular</td>
<td>FASCI/O</td>
</tr>
<tr>
<td>Nervous</td>
<td>NEUR/I, NEUR/O</td>
</tr>
</tbody>
</table>
muscle

tendon, stretch out,
extend, strain
dry

brain
gland

meninges

nerve, nerve tissue

fascia, fibrous band

nail
ovary

testicles, testis, testes

uterine (fallopian) tube, auditory (eustachian) tube

uterus

menstruation, menses

uterus

vagina

vagina

egg
Respiratory System

BRONCH/O, BRONCHI/O

Respiratory System

PULM/O, PULMON/O

Respiratory System

LARYNG/O

Respiratory System

TRACHE/O

Skeletal System

ANKLY/O

Skeletal System

ARTHRO/O

Skeletal System

PLEUR/O

Respiratory System

PHARYNG/O

Respiratory System

PNEUM/O, PNEUMON/O

Skeletal System

CHONDRO/O
lung  bronchial tube, bronchus

trachea, windpipe  larynx, voice box

crooked, bent, stiff  throat, pharynx

joint  pleura, side of the body

cartilage  lung, air
chest

rib

horny, hard, cornea

skull

tympanic membrane, eardrum

spinal cord, bone marrow

eye, vision

bone

ear, hearing

vertebrae, vertebral column, back bone
kidney
renal pelvis, bowl of kidney
sclera, white of eye, hard
tympanic membrane, eardrum
urinary bladder, cyst, sac of fluid
stone, calculus