



# MEDICAL TERMINOLOGY THE BASICS

## Foundation of Medical Words

### A. Structure

Most medical words are composed of two or more terms.

To define a medical word:

- divide the word into its terms
- analyze the terms
- define the word

Examples:

#### Pericarditis

*peri* = around; *card* = heart; *itis* = inflammation  
Inflammation around the heart

#### Oncology

*onco* = tumor, mass; *logy* = study of  
Study of tumors

### B. Terms

Term + Term (.....+.....) = medical word

There are five categories of terms:

1. Prefix - beginning of a word  
(ex., *pre* \_\_\_\_; *post* \_\_\_\_).  
Designated by a “\_\_\_” after the term.
2. Suffix - ending of a word  
(ex., \_\_\_\_ *stomy*; \_\_\_\_ *itis*).  
Designated by a “\_\_\_” before the term.
3. Root - foundation/base of a word  
(ex., *hepat*; *gastr*).
4. Combining vowel - vowel (usually “o”) added to a root (ex., *gastr***o**).

Use a combining vowel when joining:

- a. Root to another root (ex., *gastr***o***hepatitis*).
  - b. Root to a suffix beginning with a consonant (ex., *cardi***o***megaly*).
  5. Combining form - root + vowel (ex., *hepat***o**; *gastr***o**).
- Designated by a “/” between the root and the vowel.

Examples:

#### Hyperleukocytosis

*hyper* (prefix) = excessive  
*leuko* (combining form) = white  
*cyt* (root) = cell  
*osis* (suffix) = condition of

Definition: Condition of excessive white blood cells (leukocytes)

#### Hematotoxic

*hemato* (combining form) = blood  
*tox* (root) = poison  
*ic* (suffix) = pertaining to

Definition: Pertaining to blood poisoning

### TIPS:

1. Some terms have more than one definition. To determine the correct definition in a particular medical word, analyze the other terms in the word.

Example:

#### Poliomyelitis

*polio* = gray (matter)  
*myel* = spinal cord, bone marrow  
*itis* = inflammation

Definition: Inflammation of the gray matter of the spinal cord. The bone marrow does not have gray matter.

2. Some terms may function as a root/combining form in one word and a suffix in another word. Classification depends upon the specific medical word.

Examples:

#### Cytology

*cyto* (combining form) = cell  
*logy* (suffix) = study of

Definition: Study of cells

#### Erythrocyte

*erythro* (combining form) = red  
*cyte* (suffix) = cell

Definition: Red blood cell

## The Human Body

### A. Development

Cells - tissues - organs - systems - organism

#### 1. Cells: Major Components

- a. Cell membrane
- b. Cytoplasm
- c. Nucleus

#### 2. Tissues: Primary Types

- a. Connective
- b. Epithelium
- c. Muscle
- d. Nervous

#### 3. Organs

- a. Composed of two or more different tissues
- b. Have specific functions

#### 4. Systems: Related organs with common functions

#### 5. Organism: A living person

### B. Cavities

A space containing organs.

#### 1. Dorsal

- a. Cranial
- b. Vertebral (spinal)

#### 2. Ventral

- a. Abdominal
- b. Pelvic
- c. Thoracic

### C. Planes

An imaginary flat surface.

1. **Frontal** – anterior/posterior
2. **Sagittal** – right/left
3. **Transverse** – upper/lower

### D. Positions

A reference point for location or direction.

1. **Anterior/Ventral** – front of the body  
**Posterior/Dorsal** – back of the body
2. **Deep** – away from the surface  
**Superficial** – on the surface
3. **Inferior** – situated below  
**Superior** – situated above
4. **Lateral** – pertaining to the side
5. **Medial** – pertaining to the middle
6. **Prone** – lying face down  
**Supine** – lying face up

TERMS	DEFINITIONS	WORDS
<b>acid/o</b>	acid, sour, bitter	<i>acidity</i>
<b>acu-</b>	needle	<i>acupuncture</i>
<b>acu/o, acut/o</b>	sharp, severe	<i>subacute</i>
<b>adip/o</b>	fat	<i>adiponecrosis</i>
<b>aer/o</b>	air, gas	<i>aerophagy</i>
<b>agit/o</b>	rapidity, restlessness	<i>agitophobia</i>
<b>-algia</b>	pain	<i>cephalalgia</i>
<b>ambul/o</b>	to walk	<i>ambulatory</i>
<b>anomal/o</b>	irregular	<i>anomaly</i>
<b>anthrac/o</b>	coal, carbon, carbuncle	<i>anthracosis</i>
<b>anthrop/o</b>	man, human being	<i>anthropometry</i>
<b>antr/o</b>	antrum	<i>antrotomy</i>
<b>aphth/o</b>	ulcer	<i>aphthosis</i>
<b>apic/o</b>	apex	<i>apicotomy</i>
<b>aque/o</b>	water	<i>aqueous</i>
<b>atmo-</b>	steam, vapor	<i>atmometer</i>
<b>axi/o</b>	axis	<i>abaxial</i>
<b>bar/o</b>	weight, pressure	<i>barotrauma</i>
<b>bary-</b>	heavy, dull, hard	<i>baryphonia</i>
<b>-basia</b>	walking	<i>brachybasia</i>
<b>bathy-, batho-</b>	deep, depth	<i>bathycardia</i>
<b>bio-, bi/o</b>	life, living	<i>biogenesis</i>
<b>blast/o, -blast</b>	early embryonic stage, immature	<i>blastocyte</i>
<b>-calculia</b>	to compute	<i>dyscalculia</i>
<b>calor/i</b>	heat	<i>calorimetry</i>
<b>camp/o</b>	bent	<i>camptocormia</i>
<b>capsul/o, caps/o</b>	capsule, container	<i>capsulitis</i>

<b>carcin/o</b>	cancer	<i>carcinolysis</i>
<b>cari/o</b>	caries, rottenness	<i>cariogenic</i>
<b>-cataphasia</b>	affirmation	<i>acataphasia</i>
<b>cathar/o, cathart/o</b>	cleansing, purging	<i>catharsis</i>
<b>-cathisia, -kathisia</b>	sitting	<i>acathisia</i>
<b>caud/o</b>	tail	<i>caudal</i>
<b>cavit/o, cav/o</b>	hollow, cavity	<i>cavitation</i>
<b>chem/o</b>	chemical, chemistry	<i>chemosurgery</i>
<b>chron/o</b>	time, timing	<i>chronobiology</i>
<b>clin/o</b>	to slope, bend	<i>clinocephaly</i>
<b>-coimesis</b>	sleeping	<i>dyscoimesis</i>
<b>-coma</b>	deep sleep	<i>semicoma</i>
<b>consci/o</b>	awareness, aware	<i>unconscious</i>
<b>constrict/o</b>	narrowing, binding	<i>vasoconstriction</i>
<b>contus/o</b>	to bruise	<i>contusion</i>
<b>corpor/o</b>	body	<i>corporeal</i>
<b>critic/o</b>	crisis, dangerous	<i>critical</i>
<b>cry/o</b>	cold	<i>cryotherapy</i>
<b>cyt/o, -cyte</b>	cell	<i>cytocide</i>
<b>dem/o</b>	people	<i>epidemic</i>
<b>desicc/o</b>	to dry	<i>electrodesiccation</i>
<b>dilat/o</b>	enlarge, expand	<i>vasodilator</i>
<b>dolich/o</b>	long	<i>dolichofacial</i>
<b>dolor/o</b>	pain	<i>dolorogenic</i>
<b>dors/o</b>	back	<i>dorsoventral</i>
<b>duct/o</b>	to lead	<i>conduction</i>
<b>dynam/o</b>	power, strength	<i>dynamometer</i>
<b>-dynia</b>	pain	<i>gastrodynia</i>
<b>dys-</b>	bad, difficult, painful	<i>dysphonia</i>
<b>echin/o</b>	spiny, prickly	<i>echinocyte</i>
<b>ectr/o</b>	congenital absence	<i>ectrogeny</i>
<b>ele/o</b>	oil	<i>eleoma</i>
<b>emmetr/o</b>	the correct measure, proportioned	<i>emmetropia</i>
<b>enanti/o</b>	opposite, opposed	<i>enantiobiosis</i>
<b>equi-</b>	equality, equal	<i>equilibrium</i>
<b>erethism/o</b>	irritation	<i>erethismic</i>
<b>eti/o</b>	cause	<i>etiology</i>
<b>eu-</b>	good, normal, well	<i>eubiotics</i>
<b>-facient</b>	to cause, make happen	<i>liquefacient</i>
<b>febr/i</b>	fever	<i>febriphobia</i>
<b>fil/o, fil/i, filament/o</b>	thread, threadlike	<i>filamentous</i>
<b>-form</b>	specified shape, form	<i>multiform</i>
<b>frig/o, frigid/o</b>	cold	<i>frigorism</i>
<b>funct/o</b>	performance	<i>dysfunctional</i>
<b>gel/o</b>	to freeze, congeal	<i>gelosis</i>
<b>gemell/o</b>	twins	<i>gemellology</i>
<b>-gen, gen/o</b>	producing, generating	<i>pathogen</i>
<b>-genesis</b>	production, formation	<i>neogenesis</i>
<b>-genic</b>	produced by, forming	<i>carcinogenic</i>
<b>ger/o, geront/o</b>	aged, old age	<i>geriatrics</i>
<b>-grade</b>	step	<i>centigrade</i>
<b>hapl/o</b>	simple, single	<i>haploid</i>
<b>heredo-</b>	heredity	<i>heredoimmunity</i>
<b>-hexia</b>	condition	<i>cachexia</i>
<b>hist/o</b>	tissue	<i>histoclastic</i>
<b>homeo-</b>	likeness, constant, sameness	<i>homeodynamics</i>
<b>hydr/o</b>	water, hydrogen	<i>hydrolysis</i>
<b>iatr/o</b>	treatment, physician	<i>iatrogenic</i>
<b>-ician</b>	specialist	<i>clinician</i>
<b>ion/o</b>	ion	<i>ionophoresis</i>
<b>ipsi-</b>	same	<i>ipsilateral</i>
<b>-ist</b>	specialist	<i>pharmacist</i>
<b>-itis</b>	inflammation	<i>hepatitis</i>
<b>kary/o</b>	nucleus	<i>karyorrhesis</i>

# QuickStudy

kel/o	tumor, fibrous growth	<i>keloid</i>
kraur/o	dry	<i>kraurosis</i>
kym/o	waves	<i>kymography</i>
-labile	unstable, perishable	<i>frigolabile</i>
later/o	side	<i>bilateral</i>
ligat/o	binding, tying	<i>ligature</i>
lim/o	hunger	<i>bulimia</i>
-logist	specialist	<i>neurologist</i>
-logy	study of	<i>cardiology</i>
-lucent	light-admitting	<i>radiolucent</i>
lumin/o	light	<i>luminescence</i>
ly/o	dissolve, loosen	<i>lyoenzyme</i>
-malacia	softening	<i>osteomalacia</i>
-masesis	mastication, chewing	<i>dysmasesis</i>
medi/o	middle	<i>medial</i>
medic/o	heal, healing	<i>medical</i>
mer/o	part	<i>meromicrosomia</i>
meso-	middle	<i>mesoderm</i>
method/o	procedure, technique	<i>methodology</i>
-mimesis	imitation, simulation	<i>pathomimesis</i>
morph/o	shape, form	<i>dolichomorph</i>
mort/o	death	<i>mortician</i>
nom/o	custom, law	<i>nomotopic</i>
nomen-	name	<i>nomenclature</i>
nos/o	disease	<i>nosology</i>
nucle/o	nucleus	<i>nucleoplasm</i>
nutri/o, nutrit/o	nourish	<i>nutrition</i>
ole/o	oil	<i>oleovitamin</i>
-oma	tumor, mass	<i>histocytoma</i>
onc/o	tumor, mass	<i>oncogenesis</i>
organ/o	organ	<i>organomegaly</i>
palliat/o	soothe, relieve	<i>palliative</i>
pant/o	all, whole	<i>pantomorphia</i>
path/o	disease	<i>pathogenic</i>
pharmac/o	drugs	<i>pharmacology</i>
phyl/o	race, species, type	<i>phylogenesis</i>
physi/o	nature	<i>physiologist</i>
physic/o	physical, natural	<i>physicochemical</i>
phyt/o, -phyte	plant	<i>phytotoxin</i>
pin/o	to drink	<i>pinocytosis</i>
plan/o	flat, level, wandering	<i>planocellular</i>
plant/o	sole of the foot	<i>plantalgia</i>
-plasm	formation, growth	<i>neoplasm</i>
plex/o	network (nerves or vessels), plexus	<i>plexectomy</i>
-poiesis	formation	<i>cytopoiesis</i>
posit/o	arrangement, place	<i>reposition</i>
prosep/o	face	<i>prosepasmus</i>
prote/o	protein	<i>proteolysis</i>
psamm/o	sand, sand-like material	<i>psammomatous</i>
puls/o, pulsat/o	to beat, beating	<i>pulsation</i>
-puncture	to pierce a surface	<i>venipuncture</i>
purul/o	pus formation	<i>purulent</i>
pyr/o	fire, fever, heat	<i>pyrogen</i>
pyret/o	fever	<i>pyretolysis</i>
-receptor, -ceptor	receiver	<i>thermoreceptor</i>
resuscit/o	revive	<i>resuscitation</i>
reticul/o	netlike	<i>reticular</i>
sanit/a	health	<i>sanitarian</i>
scirr/h/o	hard	<i>scirrhoma</i>
somat/o	body	<i>somatotype</i>
-some	body	<i>chromosome</i>
spectr/o	image, spectrum	<i>spectrogram</i>
-stable	stable, fixed	<i>thermostabile</i>
-stasis	standing still, standing	<i>hemostasis</i>
-stat	device/instrument for keeping something stationary	<i>hemostat</i>
stere/o	solid, three-dimensional	<i>stereoradiography</i>
succ/o	juice	<i>succorhea</i>
symptom/o	occurrence	<i>asymptomatic</i>
synaps/o, synapt/o	point of contact, to join	<i>synaptogenesis</i>

system/o	system	<i>systematic</i>
systol/o	contraction	<i>presystole</i>
techn/o	skill, art	<i>technology</i>
tele/o	perfect, complete	<i>teleomitos</i>
temp/o, tempor/o	period of time, the temples	<i>tempolabile</i>
-therapy, therapeut/o	treatment	<i>therapeutics</i>
therm/o	heat	<i>thermometer</i>
tors/o	twisting, twisted	<i>sinistrotorsion</i>
trem/o, tremul/o	shaking, trembling	<i>tremor</i>
tri/o	to sort out, sorting	<i>triage</i>
-tumescence, tumesc/o	swelling	<i>detumescence</i>
-type, typ/o	class, representative form	<i>somatotype</i>
ventil/o	to aerate, oxygenate	<i>ventilation</i>
ventr/o	belly, front of the body	<i>ventrolateral</i>
vers/o, -verse	turn, turning	<i>cardioversion</i>
vir/o	virus	<i>virologist</i>
viscer/o	internal organs	<i>visceromegaly</i>
vit/o	life	<i>vital</i>
volv/o, volut/o	to roll	<i>involution</i>
zyg/o	union, junction	<i>zygogenesis</i>

## Terminology Sets

<b>A. DIRECTIONAL TERMS</b>	
ab-	away from
ad-	toward, near
ambi-	around, on both sides, about
amphi-	around, on both sides
ana-	up, backward, against
ante-	before, forward
anter/o	front
anti-	against
apo-	away, separation
cata-	down, under
circum-	around
contra-	against, opposite
dextr/o	right
dia-	through, throughout
dis-	apart, to separate
dist/o	distant
ec-, ecto-	outside, out
en-, endo-	inside, within
epi-	above, over, upon
eso-	within
ex-	out, away from
exo-	outside, outward
extra-	outside
fore-	before, in front
hyper-	above, excessive, beyond
hypo-	under, deficient, below
infra-	below, beneath
inter-	between
intra-	within
juxta-	near
later/o	side
levo-	left
medi/o	middle
meso-	middle
para-	alongside, near, beyond, abnormal
per-	through, throughout
peri-	around, surrounding
post-	after, behind
poster/o	behind, towards the back
pre-	before, in front of
pro-	before
pros/o	forward, anterior
proxim/o	near
re-	back, again
retro-	behind, backward
sinistr/o	left
sub-	under, beneath
super-	above, beyond
supra-	above, beyond
tel/e	distant, end

trans-	across
ultra-	beyond, excess
<b>B. FIVE rrh's</b>	
-rrhagia, -rrhage	excessive flow, profuse fluid discharge
-rrhaphy	suture
-rrhea	flow, discharge
-rrhexis	rupture
rrhythm/o	rhythm
<b>C. NUMERICAL VALUES</b>	
half	demi-, hemi-, semi-
one	mono-, uni-
one-and-a-half	sesqui-
two	bi-, di-
three	tri-
four	tetra-, quadri-
five	quinque-, pent-, penta-
six	hex-, hexa-, sex-
seven	hepta-, sept-, septi-
eight	octa-, octi-
nine	noni-
ten (10 <sup>1</sup> )	deca-
hundred (10 <sup>2</sup> )	hecto-
thousand (10 <sup>3</sup> )	kilo-
million (10 <sup>6</sup> )	mega-
billion (10 <sup>9</sup> )	giga-
trillion (10 <sup>12</sup> )	tera-
quadrillion (10 <sup>15</sup> )	peta-
quintillion (10 <sup>18</sup> )	exa-
one tenth (10 <sup>-1</sup> )	deci-
one hundredth (10 <sup>-2</sup> )	centi-
one thousandth (10 <sup>-3</sup> )	milli-
one millionth (10 <sup>-6</sup> )	micro-
one billionth (10 <sup>-9</sup> )	nano-
one trillionth (10 <sup>-12</sup> )	pico-
one quadrillionth (10 <sup>-15</sup> )	femto-
one quintillionth (10 <sup>-18</sup> )	atto-
<b>D. SURGICAL PROCEDURES</b>	
-centesis	surgical puncture of a cavity
-desis	surgical fixation, fusion
-ectomy	surgical removal
-pexy	fixation
-plasty	surgical correction/repair
-rrhaphy	suture
-sect	to cut
-stomy	surgical opening
-tomy	surgical incision
-tripsy	to crush, break
<b>E. DIAGNOSTIC PROCEDURES</b>	
aspir/o, aspirat/o	removal
-assay	to examine, analyze
auscult/o, auscultat/o	to listen
echo-	reverberating sound
electr/o	electricity
-gram	written record
-graph	instrument for recording
-graphy	process of recording
-meter	instrument for measuring
-metry	process of measuring
-opsy	to view
palp/o, palpat/o	to touch gently
percuss/o	to tap
radi/o	x-ray, radiation
-scope	instrument for visual examination
-scopy	visual examination
-tome	instrument for cutting
<b>F. PATHOGENS</b>	
acar/o	mites
arachn/o	spider
bacteri/o	bacteria
-coccus	berry-shaped bacterium
fungi	fungus, mushroom
helminth/o, -helminth	worm
hirud/i, hirudin/i	leech
ixod/i	ticks
myc/o	fungus
parasit/o	parasite

<b>pedicul/o</b>	louse
<b>scolec/o</b>	worm
<b>verm/i</b>	worm
<b>vir/o</b>	virus
<b>G. COLORS</b>	
<b>alb/o, albin/o</b>	white
<b>chlor/o</b>	green
<b>cirrh/o</b>	orange-yellow
<b>cyan/o</b>	blue
<b>eosin/o</b>	red, rosy, dawn
<b>erythr/o</b>	red
<b>flav/o</b>	yellow
<b>fusc/o</b>	dark brown
<b>glauc/o</b>	gray, bluish green
<b>jaund/o</b>	yellow
<b>leuk/o</b>	white
<b>lute/o</b>	yellow
<b>melan/o</b>	black
<b>poli/o</b>	gray
<b>purpur/i</b>	purple
<b>rhod/o</b>	red, rosy
<b>rose/o</b>	rosy
<b>rubr/o, rubr/i</b>	red
<b>tephr/o</b>	gray (ashen)
<b>xanth/o</b>	yellow

Five Senses

**A. Hearing**

acous/o  
acoust/o  
audi/o  
audit/o  
-cysis

**B. Smell**

olfact/o  
-osmia  
osm/o  
-osphresia  
osphres/o

**C. Touch**

haph/e  
pselaphes/o  
tact/o  
thigm/o

**D. Taste**

-geusia  
gustat/o  
gust/o

**E. Vision**

-opia  
-opsia  
opt/o

Synonyms

<b>abdomen</b>	<b>air</b>	<b>all</b>	<b>bile</b>
abdomin/o	aer/o	pan-	bil/i
celi/o	phys/o	pant/o	chol/e
lapar/o	pneum/o		
	pneumon/o		
<b>bladder</b>	<b>blood</b>	<b>body</b>	<b>breast</b>
cyst/o	hem/o	corpor/o	mamm/o
vesic/o	hemat/o	somat/o	mast/o
	sangu/i	-some	
	sanguin/o		
<b>breathe</b>	<b>cecum</b>	<b>chest</b>	<b>childbirth</b>
-pnea	cec/o	pector/o	-para
respir/o	typhl/o	steth/o	-parous
respirat/o		thorac/o	-partum
spir/o			-tocia
			toc/o
<b>cornea of the eye</b>	<b>death</b>	<b>different</b>	<b>disease</b>
corne/o	mort/o	allo-	nos/o
kerat/o	necr/o	hetero-	path/o
	thanat/o		
<b>dry</b>	<b>ear</b>	<b>eardrum</b>	<b>eye</b>
kraur/o	aur/o	myring/o	ocul/o
	auricul/o	tymp/an/o	ophthalm/o
	ot/o		opt/o
<b>eyelid</b>	<b>face</b>	<b>fat</b>	<b>feces</b>
blephar/o	faci/o	adip/o	corp/o
palpebr/o	op/o	lip/o	scat/o
	prosop/o	pimel/o	sterc/o
		steat/o	

<b>fever</b>	<b>first</b>	<b>foot</b>	<b>hair</b>
febr/i	arch/e	ped/o	pil/o
pyr/o	arch/i	pod/o	trich/o
pyret/o	-arche		
	primit/o		
	prot/o		
<b>half</b>	<b>hearing</b>	<b>heart</b>	<b>heat</b>
demi-	acous/o	cardi/o	calor/i
hemi-	acoust/o	coron/o	therm/o
semi-	audi/o		
	audit/o		
	-cysis		
<b>huge</b>	<b>itching</b>	<b>kidney</b>	<b>lens of the eye</b>
gigant/o	prurit/o	neph/r/o	phac/o
mega-	psor/o	ren/o	phak/o
meglo-			
<b>life</b>	<b>ligament</b>	<b>lip</b>	<b>little, small</b>
bio-	desm/o	cheil/o	-ole
bi/o	ligament/o	chil/o	-ule
vit/o	syndesm/o	labi/o	
viv/i			
<b>lung</b>	<b>milk</b>	<b>mind</b>	<b>mouth</b>
pneum/o	galact/o	ment/o	or/o
pneumon/o	lact/o	-noia	stomat/o
pulmon/o		phren/o	
		psych/o	
<b>mucus</b>	<b>muscle</b>	<b>nail</b>	<b>night</b>
blenn/o	muscul/o	onych/o	noct/i
muc/o	my/o	ungu/o	nyct/o
myx/o	myos/o		
<b>nose</b>	<b>nucleus</b>	<b>oil</b>	<b>ovary</b>
nas/o	kary/o	ele/o	oophor/o
rhin/o	nucle/o	ole/o	ovari/o
<b>pain</b>	<b>palate</b>	<b>pregnancy</b>	<b>pupil</b>
-algia	palat/o	-cyesis	cor/o
dolor/o	uran/o	gravid/o	pupill/o
-dynia			
<b>rectum</b>	<b>saliva</b>	<b>same</b>	<b>skin</b>
proct/o	ptyal/o	homeo-	cutane/o
rect/o	sial/o	homo-	derm/o
		ipsi-	dermat/o
		tauto-	
<b>sound</b>	<b>specialist</b>	<b>stone</b>	<b>straight</b>
son/o	-ician	lith/o	ithy-
phon/o	-ist	petr/o	orth/o
	-logist		
<b>strength</b>	<b>sugar</b>	<b>sweat</b>	<b>swelling</b>
dynam/o	gluc/o	hidr/o	-edema
-sthenia	glyc/o	sud/o	-tumescence
sthen/o	sacchar/o		tumesc/o
<b>tear</b>	<b>thick</b>	<b>time</b>	<b>tongue</b>
dacry/o	pachy-	chron/o	gloss/o
lacrim/o	pycn/o	temp/o	lingu/o
	pykn/o	tempor/o	
<b>tooth</b>	<b>tumor/mass</b>	<b>uterus</b>	<b>vagina</b>
dent/i	-oma	hyster/o	colp/o
odont/o	onc/o	metr/o	vagin/o
		uter/o	
<b>vein</b>	<b>vertebral/spinal column</b>	<b>vessel</b>	
phleb/o	rachi/o	angi/o	
ven/o	spin/o	vas/o	
	spondyl/o		
<b>vulva</b>	<b>water</b>		
episi/o	aque/o		
vulv/o	hydr/o		

Glossary

<b>A</b>	
<b>a-, an-</b>	without, not
<b>ab-</b>	away from
<b>abdomin/o</b>	abdomen
<b>ablat/o</b>	to remove, take away
<b>abrad/o, abras/o</b>	to scrape off
<b>acanth/o</b>	thorny, spiny
<b>acar/o</b>	mites
<b>acid/o</b>	acid, sour, bitter
<b>acous/o</b>	hearing
<b>acoust/o</b>	hearing, sound
<b>acr/o</b>	extremities
<b>actin/o</b>	ray, radiation
<b>acu-</b>	needle
<b>acu/o, acut/o</b>	sharp, severe
<b>ad-</b>	toward, near
<b>aden/o</b>	gland
<b>adenoid/o</b>	adenoids
<b>adip/o</b>	fat
<b>adren/o</b>	adrenal glands
<b>aer/o</b>	air, gas
<b>agglutin/o</b>	clumping
<b>agit/o</b>	rapidity, restlessness
<b>-agogue</b>	producer, leader
<b>-agra</b>	severe pain
<b>alb/o, albin/o</b>	white
<b>albumin/o</b>	albumin
<b>-algesia, alges/o</b>	pain sensitivity
<b>-algia</b>	pain
<b>allo-</b>	other, different
<b>alveol/o</b>	alveolus
<b>ambi-</b>	around, on both sides, about
<b>ambly/o</b>	dim, dull
<b>ambul/o</b>	to walk
<b>ammon/o</b>	ammonium
<b>amni/o</b>	amnion
<b>amphi-</b>	around, on both sides
<b>amyl/o</b>	starch
<b>an/o</b>	anus
<b>ana-</b>	up, backward, against
<b>andr/o</b>	male
<b>aneurysm/o</b>	aneurysm
<b>angi/o</b>	vessel
<b>anis/o</b>	unequal
<b>ankyl/o</b>	stiff, crooked, bent
<b>anomol/o</b>	irregular
<b>ante-</b>	before, forward
<b>anter/o</b>	front
<b>anthrac/o</b>	coal, carbon, carbuncle
<b>anthrop/o</b>	man, human being
<b>anti-</b>	against
<b>antr/o</b>	antrum
<b>aort/o</b>	aorta
<b>-apheresis</b>	separation, removal
<b>aphth/o</b>	ulcer
<b>apic/o</b>	apex
<b>apo-</b>	away, separation
<b>aque/o</b>	water
<b>arachn/o</b>	spider
<b>arch/i, arch/e, -arche</b>	first
<b>arsenic/o</b>	arsenic
<b>arteri/o</b>	artery
<b>arteriol/o</b>	arteriole
<b>arthr/o</b>	joint
<b>articul/o</b>	joint
<b>aspir/o, aspirat/o</b>	inhaling, removal
<b>-assay</b>	to examine, analyze
<b>-asthenia, asthen/o</b>	weakness
<b>astr/o</b>	star, star-shaped
<b>atel/o</b>	incomplete, imperfect
<b>ather/o</b>	fatty substance, plaque
<b>atmo-</b>	steam, vapor
<b>-atresia</b>	closure, occlusion
<b>atreto-</b>	closed, lacking an opening
<b>atri/o</b>	atrium
<b>atto-</b>	one quintillionth (10 <sup>-18</sup> )
<b>audi/o, audit/o</b>	hearing
<b>aur/o, auricul/o</b>	ear
<b>auscult/o, auscultat/o</b>	to listen
<b>auto-</b>	self
<b>aux/o</b>	growth, acceleration
<b>axi/o</b>	axis
<b>axill/o</b>	armpit
<b>azot/o</b>	nitrogen, urea

<b>B</b>	
<b>bacteri/o</b>	bacteria
<b>balan/o</b>	glans penis
<b>balne/o</b>	bath
<b>bar/o</b>	weight, pressure
<b>bary-</b>	heavy, dull, hard
<b>bas/o, basi/o</b>	base, foundation
<b>-basia</b>	walking
<b>bathy-, batho-</b>	deep, depth
<b>bi-</b>	two
<b>bibli/o</b>	books
<b>bil/i</b>	bile
<b>bio-, bi/o</b>	life, living
<b>blast/o, -blast</b>	early embryonic stage, immature
<b>blenn/o</b>	mucus
<b>blephar/o</b>	eyelid
<b>brachi/o</b>	arm
<b>brachy-</b>	short
<b>brady-</b>	slow
<b>brom/o</b>	bromine containing compound, odor
<b>bronch/o</b>	bronchus
<b>bronchiol/o</b>	bronchiole
<b>bucc/o</b>	cheek
<b>-bulia, -boulia</b>	will
<b>burs/o</b>	bursa
<b>C</b>	
<b>cac/o</b>	bad, ill
<b>calcane/o</b>	heel
<b>calci/o</b>	calcium
<b>-calculia, calcul/o</b>	to compute
<b>cali/o</b>	calyx
<b>calor/i</b>	heat
<b>camp/o</b>	bent
<b>-capnia, capn/o</b>	carbon dioxide
<b>capsul/o, caps/o</b>	capsule, container
<b>carb/o</b>	carbon
<b>carcin/o</b>	cancer
<b>cardi/o</b>	heart
<b>cari/o</b>	caries
<b>carp/o</b>	wrist
<b>cata-</b>	down, under
<b>-cataphasia</b>	affirmation
<b>cathar/o</b>	cleansing, purging
<b>cathart/o</b>	
<b>-cathisia, -kathisia</b>	sitting
<b>caud/o</b>	tail
<b>caus/o, cauter/o</b>	burn, burning
<b>cavit/o, cav/o</b>	hollow, cavity
<b>cec/o</b>	cecum
<b>-cele</b>	hernia, swelling
<b>celi/o</b>	abdomen
<b>-centesis</b>	surgical puncture of a cavity
<b>centi-</b>	one hundredth (10 <sup>-2</sup> )
<b>centr/o</b>	center
<b>cephal/o</b>	head
<b>cerebell/o</b>	cerebellum
<b>cerebr/o</b>	cerebrum, brain
<b>cervic/o</b>	neck, cervix
<b>-chalasia</b>	relaxation
<b>cheil/o, chil/o</b>	lip
<b>chem/o</b>	chemical, chemistry
<b>-chezia, -chesia</b>	defecation
<b>chir/o, cheir/o</b>	hand
<b>chlor/o</b>	green
<b>chol/e</b>	gall, bile
<b>choledoch/o</b>	common bile duct
<b>chondr/o</b>	cartilage
<b>chori/o</b>	chorion
<b>-chroia</b>	skin coloration
<b>chrom/o</b>	color
<b>chron/o</b>	time, timing
<b>chrys/o</b>	gold
<b>chyl/o</b>	chyle
<b>-cide</b>	killing, agent which kills
<b>cine-</b>	movement
<b>circum-</b>	around
<b>cirr/h/o</b>	orange-yellow
<b>-clasis, -clasia</b>	break
<b>cleid/o</b>	clavicle
<b>clin/o</b>	to slope, bend
<b>-clysis</b>	irrigation, washing

<b>coagul/o</b>	coagulation, clotting
<b>-coccus</b>	berry-shaped bacterium
<b>coccyg/o</b>	coccyx
<b>cochle/o</b>	cochlea
<b>-coimesis</b>	sleeping
<b>col/o</b>	colon
<b>colp/o</b>	vagina
<b>com-, con-</b>	with, together
<b>-coma</b>	deep sleep
<b>coni/o</b>	dust
<b>conjunctiv/o</b>	conjunctiva
<b>consci/o</b>	awareness, aware
<b>constrict/o</b>	narrowing, binding
<b>contra-</b>	against, opposite
<b>contus/o</b>	to bruise
<b>cor/o</b>	pupil
<b>corne/o</b>	cornea
<b>coron/o</b>	heart
<b>corpor/o</b>	body
<b>cortic/o</b>	cortex
<b>cost/o</b>	rib
<b>cox/o</b>	hip
<b>crani/o</b>	skull
<b>-crasia</b>	mixture (good or bad), temperament
<b>cric/o</b>	ring
<b>crin/o</b>	secrete, separate
<b>-crit</b>	separate
<b>critic/o</b>	crisis, dangerous
<b>cry/o</b>	cold
<b>crypt/o</b>	hidden, concealed
<b>crystall/o</b>	crystal, transparent
<b>cubit/o</b>	elbow, forearm
<b>culd/o</b>	cul-de-sac
<b>cune/o</b>	wedge, wedge-shaped
<b>cupr/o</b>	copper
<b>-cusis</b>	hearing
<b>cutane/o</b>	skin
<b>cyan/o</b>	blue
<b>cycl/o</b>	ciliary body, circular
<b>-cyesis</b>	pregnancy
<b>cyst/o</b>	bladder, cyst
<b>cyt/o, -cyte</b>	cell
<b>D</b>	
<b>dacry/o</b>	tear
<b>dactyl/o</b>	digit (finger or toe)
<b>deca-</b>	ten (10 <sup>1</sup> )
<b>deci-</b>	one tenth (10 <sup>-1</sup> )
<b>demi-</b>	half
<b>dem/o</b>	people
<b>dent/i</b>	tooth
<b>derm/o</b>	skin
<b>dermat/o</b>	
<b>desicc/o</b>	to dry
<b>-desis</b>	surgical fixation, fusion
<b>desm/o</b>	ligament
<b>deuter/o</b>	second, secondary
<b>dextr/o</b>	right
<b>di-</b>	two
<b>dia-</b>	through, throughout
<b>didym/o</b>	a twin, testis
<b>-didymus</b>	conjoined twin
<b>dilat/o</b>	enlarge, expand
<b>dipl/o</b>	double
<b>dips/o</b>	thirst
<b>dis-</b>	apart, to separate
<b>dist/o</b>	distant
<b>dolich/o</b>	long
<b>dolor/o</b>	pain
<b>dors/o</b>	back
<b>drom/o, -drome</b>	running
<b>duct/o</b>	to lead
<b>duoden/o</b>	duodenum
<b>dynam/o</b>	power, strength
<b>-dynia</b>	pain
<b>dys-</b>	bad, difficult, painful
<b>E</b>	
<b>ec-, ecto-</b>	outside, out
<b>echin/o</b>	spiny, prickly
<b>echo-</b>	reverberating sound
<b>eco-</b>	environment
<b>-ectasis, -ectasia</b>	dilation, expansion
<b>-ectomy</b>	surgical removal
<b>ectr/o</b>	congenital absence
<b>-edema</b>	swelling
<b>ele/o</b>	oil

<b>electr/o</b>	electricity
<b>embol/o</b>	embolus
<b>embryo/o</b>	embryo
<b>-emesis</b>	vomiting
<b>-emia</b>	blood condition
<b>emmetr/o</b>	the correct measure, proportioned
<b>-emphraxis</b>	stoppage, obstruction
<b>en-, endo-</b>	inside, within
<b>enanti/o</b>	opposite, opposed
<b>encephal/o</b>	brain
<b>enter/o</b>	intestines (small intestines)
<b>eosin/o</b>	red, rosy, dawn
<b>epi-</b>	above, over, upon
<b>epididym/o</b>	epididymis
<b>epiglott/o</b>	epiglottis
<b>episi/o</b>	vulva
<b>equi-</b>	equality, equal
<b>erethism/o</b>	irritation
<b>erg/o</b>	work
<b>erythem/o</b>	flushed, redness
<b>erythr/o</b>	red
<b>eschar/o</b>	scab
<b>eso-</b>	within
<b>esophag/o</b>	esophagus
<b>esthesi/o, -esthesia</b>	sensation, feeling
<b>eti/o</b>	cause
<b>eu-</b>	good, normal, well
<b>eury-</b>	wide, broad
<b>ex-</b>	out, away from
<b>exa-</b>	quintillion (10 <sup>18</sup> )
<b>excit/o</b>	to arouse
<b>exo-</b>	outside, outward
<b>extra-</b>	outside
<b>F</b>	
<b>faci/o</b>	face
<b>-facient</b>	to cause, make happen
<b>fasci/o</b>	fascia
<b>febr/i</b>	fever
<b>femor/o</b>	femur
<b>femto-</b>	one quadrillionth (10 <sup>-15</sup> )
<b>ferr/i, ferr/o</b>	iron
<b>fet/o</b>	fetus
<b>fibr/o</b>	fiber, fibrous
<b>fibul/o</b>	fibula
<b>fil/o, fil/i,</b>	thread, threadlike
<b>filament/o</b>	
<b>flav/o</b>	yellow
<b>flex/o, flect/o</b>	bend
<b>flu/o, flux/o</b>	to flow
<b>fluor/o</b>	fluorine
<b>follicul/o</b>	small sac, follicle
<b>fore-</b>	before, in front
<b>-form</b>	specified shape, form
<b>frig/o, frigid/o</b>	cold
<b>funct/o</b>	performance
<b>fung/i</b>	fungus, mushroom
<b>fusc/o</b>	dark brown
<b>G</b>	
<b>galact/o</b>	milk
<b>galvano-</b>	direct electric current
<b>gamet/o</b>	gamete
<b>gam/o</b>	marriage, sexual union
<b>gangli/o, ganglion/o</b>	ganglion
<b>gastr/o</b>	stomach
<b>ge/o</b>	earth, soil
<b>gel/o</b>	to freeze, congeal
<b>gemell/o</b>	twins
<b>-gen, gen/o</b>	producing, generating
<b>-genesis</b>	production, formation
<b>-genic</b>	produced by, forming
<b>geni/o</b>	chin
<b>genit/o</b>	reproduction
<b>ger/o, geront/o</b>	aged, old age
<b>gest/o, gestat/o</b>	to bear
<b>-geusia</b>	taste
<b>giga-</b>	billion (10 <sup>9</sup> )
<b>gigant/o</b>	huge
<b>gingiv/o</b>	gums
<b>glauc/o</b>	gray, bluish green
<b>gli/o</b>	glue, neuroglia
<b>-globin</b>	protein
<b>glomerul/o</b>	glomerulus

<b>gloss/o</b>	tongue
<b>gluc/o</b>	glucose, sugar
<b>glyc/o</b>	glucose, sugar
<b>gnath/o</b>	jaw
<b>gnos/o</b>	knowledge
<b>gon/o</b>	genitals, semen
<b>gonad/o</b>	gonads
<b>goni/o</b>	angle
<b>-grade</b>	step
<b>-gram</b>	written record
<b>granul/o</b>	granules
<b>-graph</b>	instrument for recording
<b>graph/o</b>	writing
<b>-graphy</b>	process of recording
<b>gravid/o</b>	pregnancy
<b>-gravida</b>	pregnant woman
<b>gustat/o, gust/o</b>	taste
<b>gynec/o</b>	woman, female
<b>gyr/o</b>	circle, spiral
<b>H</b>	
<b>haph/e</b>	touch
<b>hapl/o</b>	simple, single
<b>hect/o</b>	hundred (10 <sup>2</sup> )
<b>helc/o</b>	ulcer
<b>heli/o</b>	sun
<b>helminth/o, -helminth</b>	worm
<b>hemi-</b>	half
<b>hem/o, hemat/o</b>	blood
<b>hepat/o</b>	liver
<b>hepta-</b>	seven
<b>heredo-</b>	heredity
<b>hetero-</b>	different, other
<b>hex-, hexa-</b>	six
<b>-hexia</b>	condition
<b>hidr/o</b>	sweat
<b>hirsut/o</b>	hairy
<b>hirud/i, hirudin/i</b>	leech
<b>hist/o</b>	tissue
<b>holo-</b>	entire, complete
<b>homeo-</b>	likeness, constant, sameness
<b>homo-</b>	same, similar
<b>hormon/o</b>	hormone
<b>humer/o</b>	humerus
<b>hyal/o</b>	resembling glass, glassy
<b>hydr/o</b>	water, hydrogen
<b>hygr/o</b>	moisture
<b>hymen/o</b>	hymen
<b>hyper-</b>	above, excessive, beyond
<b>hypn/o</b>	sleep
<b>hypo-</b>	under, deficient, below
<b>hypothalam/o</b>	hypothalamus
<b>hypsi-</b>	high
<b>hyster/o</b>	uterus
<b>I</b>	
<b>iatr/o</b>	treatment, physician
<b>ichthy/o</b>	fish
<b>-ician</b>	specialist
<b>icter/o</b>	jaundice
<b>ide/o</b>	idea, mental images
<b>idi/o</b>	individual, distinct, unknown
<b>ile/o</b>	ileum
<b>ili/o</b>	ilium
<b>immun/o</b>	protection, immune
<b>infra-</b>	below, beneath
<b>inguin/o</b>	groin
<b>inter-</b>	between
<b>intra-</b>	within
<b>iod/o</b>	iodine
<b>ion/o</b>	ion
<b>ipsi-</b>	same
<b>ir/o, irid/o</b>	iris
<b>isch/o</b>	suppress, restrain
<b>ischi/o</b>	ischium
<b>is/o</b>	equal
<b>-ist</b>	specialist
<b>ithy-</b>	erect, straight
<b>-itis</b>	inflammation
<b>ixod/i</b>	ticks
<b>J</b>	
<b>jaund/o</b>	yellow
<b>jejun/o</b>	jejunum
<b>juxta-</b>	near

<b>K</b>		<b>melan/o</b>	black	<b>or/o</b>	mouth	<b>phon/o, -phonia</b>	voice, sound
<b>kal/i</b>	potassium	<b>meli-, melit-</b>	honey, sugar	<b>orch/o, orch/i/o,</b>	testis	<b>-phore, phor/o</b>	bearer, processor
<b>kary/o</b>	nucleus	<b>men/o</b>	menses, menstruation	<b>orchido</b>		<b>-phoresis</b>	bearing, transmission
<b>kel/o</b>	tumor, fibrous growth	<b>mening/o</b>	meninges, membranes	<b>-orexia</b>	appetite	<b>phosphat/o</b>	phosphate
<b>ken/o</b>	empty	<b>ment/o</b>	mind	<b>organ/o</b>	organ	<b>phot/o</b>	light
<b>kerat/o</b>	horny tissue, cornea	<b>mer/o</b>	part	<b>ornith/o</b>	bird	<b>phren/o</b>	mind, diaphragm
<b>keraun/o</b>	lightning	<b>meso-</b>	middle	<b>orth/o</b>	straight, normal, correct	<b>phyc/o</b>	seaweed, algae
<b>keton/o</b>	ketones	<b>meta-</b>	after, beyond, change	<b>osche/o</b>	scrotum	<b>phyl/o</b>	race, species, type
<b>kilo-</b>	thousand (10 <sup>3</sup> )	<b>metall/o</b>	metal	<b>oscill/o</b>	to swing	<b>-phylaxis</b>	protection
<b>kinesi/o,</b>	movement	<b>-meter</b>	instrument for measuring	<b>-osis</b>	condition, status, abnormal increase	<b>phyll/o</b>	leaf, leaf-like
<b>-kinesia, -kinetic</b>		<b>method/o</b>	procedure, technique	<b>osm/o, -osmia</b>	sense of smell, odor, impulse	<b>-phyma</b>	tumor, growth
<b>klept/o</b>	theft, stealing	<b>metr/o</b>	uterus			<b>physic/o</b>	physical, natural
<b>koil/o</b>	hollow, concave, depressed	<b>-metry</b>	process of measuring	<b>osphresi/o,</b>	sense of smell, odor	<b>physi/o</b>	air, gas
<b>kraur/o</b>	dry	<b>mi/o</b>	less, smaller	<b>-osphresia</b>		<b>-physis</b>	growth, growing
<b>kym/o</b>	waves	<b>micro-</b>	one millionth (10 <sup>-6</sup> ), small	<b>oste/o</b>	bone	<b>phyt/o, -phyte</b>	plant
<b>kyph/o</b>	humpback	<b>milli-</b>	one thousandth (10 <sup>-3</sup> )	<b>ot/o</b>	ear	<b>pico-</b>	one trillionth (10 <sup>-12</sup> )
<b>L</b>		<b>-mimesis</b>	imitation, simulation	<b>ov/o, ov/i</b>	egg, ovum	<b>picr/o</b>	bitter
<b>-labile</b>	unstable, perishable	<b>mis/o</b>	hatred of, aversion	<b>ovari/o</b>	ovary	<b>piez/o, pies/i,</b>	pressure
<b>lacrim/o</b>	tear, lacrimal duct	<b>-mnesia</b>	memory	<b>ox/o, -oxia</b>	oxygen	<b>pil/o</b>	hair
<b>lact/o</b>	milk	<b>-mogi-</b>	difficult	<b>oxy-</b>	sharp, quick, sour	<b>pimel/o</b>	fat, fatty
<b>lal/o, -lalia</b>	speech, babble	<b>mono-</b>	one	<b>P</b>		<b>pin/o</b>	to drink
<b>lamin/o</b>	lamina	<b>morph/o</b>	shape, form	<b>pachy-</b>	thick	<b>pineal/o</b>	pineal gland
<b>lampr/o</b>	clear	<b>mort/o</b>	death	<b>-pagus</b>	conjoined twins	<b>pituitar/o</b>	pituitary gland
<b>lapar/o</b>	abdomen, abdominal wall	<b>-motor</b>	movement, motion	<b>palat/o</b>	palate	<b>plagi/o</b>	slanting, oblique
<b>laryng/o</b>	larynx	<b>muc/o</b>	mucus	<b>pale/o</b>	old	<b>plan/o</b>	flat, level, wandering
<b>later/o</b>	side	<b>multi-</b>	many, much	<b>palin-, pali-</b>	recurrence, repetition	<b>plant/o</b>	sole of the foot
<b>laxat/o</b>	to slacken, relax, loosen	<b>muscul/o</b>	muscle	<b>palliat/o</b>	soothe, relieve	<b>-plasm</b>	formation, growth
<b>lecith/o</b>	yolk, ovum	<b>mutilat/o</b>	to maim, disfigure	<b>palp/o, palpat/o</b>	to touch gently	<b>plasm/o</b>	plasma, formative substance
<b>-legia</b>	reading	<b>my/o, myos/o</b>	muscle	<b>palpebr/o</b>	eyelid	<b>-plasty</b>	surgical correction/repair
<b>lei/o</b>	smooth	<b>myc/o</b>	fungus	<b>palpit/o,</b>	flutter, throbbing	<b>platy-</b>	broad, flat
<b>-lemma</b>	confining membrane	<b>myel/o</b>	bone marrow, spinal cord	<b>pan-</b>	all	<b>ple/o</b>	more
<b>lepid/o</b>	flakes, scales	<b>myring/o</b>	eardrum	<b>pancreat/o</b>	pancreas	<b>-plegia</b>	paralysis
<b>lepr/o</b>	leprosy	<b>myx/o</b>	mucus	<b>pant/o</b>	all, whole	<b>plesio/o</b>	nearness, similarity
<b>-lepsy</b>	seizure	<b>N</b>		<b>papill/o</b>	nipple-like, papilla	<b>pless/i</b>	striking
<b>lept/o</b>	slender, thin, delicate	<b>nano-</b>	one billionth (10 <sup>-9</sup> )	<b>papul/o</b>	papule, pimple	<b>pleur/o</b>	pleura
<b>letharg/o</b>	drowsiness	<b>narc/o</b>	numbness, stupor	<b>para-</b>	alongside, near, beyond, abnormal	<b>plex/o</b>	network (nerves or vessels), plexus
<b>leuk/o</b>	white	<b>nas/o</b>	nose	<b>-para, -parous</b>	to bear, bring forth	<b>plic/o, plicat/o</b>	to fold, pleat
<b>levo-</b>	left	<b>nat/o</b>	birth	<b>parasit/o</b>	parasite	<b>-ploid, -ploidy</b>	number of chromosome sets
<b>-lexia</b>	speech, word	<b>natr/o</b>	sodium	<b>parathyroid/o</b>	parathyroid	<b>pluri-</b>	more, several
<b>lien/o</b>	spleen	<b>necr/o</b>	death	<b>-paresis</b>	partial paralysis	<b>-pnea</b>	breathe
<b>ligament/o</b>	ligament	<b>neo-</b>	new	<b>-partum</b>	childbirth, labor	<b>pneum/o</b>	lung, air
<b>ligat/o</b>	binding, tying	<b>nephr/o</b>	kidney	<b>patell/o</b>	patella	<b>pneumon/o</b>	lung, air
<b>lim/o</b>	hunger	<b>neur/o</b>	nerve	<b>path/o</b>	disease	<b>pod/o</b>	foot
<b>lingu/o</b>	tongue	<b>neutr/o</b>	neutral	<b>-pause</b>	cessation	<b>-poiesis</b>	formation
<b>lip/o</b>	fat	<b>nev/o</b>	mole, birthmark	<b>pector/o</b>	chest	<b>poikil/o</b>	variation, irregular
<b>-lipsis</b>	omit, fail	<b>noci-</b>	to cause harm, injury or pain	<b>ped/o</b>	foot, child	<b>poli/o</b>	gray (matter)
<b>-listhesis</b>	slipping	<b>noct/i</b>	night	<b>pedicul/o</b>	louse	<b>poly-</b>	many, much
<b>lith/o</b>	stone, calculus	<b>nod/o</b>	knot	<b>pel/o</b>	mud	<b>pon/o</b>	fatigue, overwork, pain
<b>lob/o</b>	lobe	<b>-noia</b>	mind, will	<b>pelv/i</b>	pelvis	<b>-pore, por/o</b>	opening, passageway
<b>logad/o</b>	whites of the eyes	<b>nom/o</b>	custom, law	<b>-penia</b>	deficiency	<b>-porosis</b>	porous, decrease in density
<b>log/o, -log,</b>	word, speech, thought	<b>nomen-</b>	name	<b>pent-, penta-</b>	five	<b>-posia</b>	drinking
<b>-logue</b>		<b>noni-</b>	nine	<b>per-</b>	through, throughout	<b>posit/o</b>	arrangement, place after, behind
<b>-logist</b>	specialist	<b>norm/o</b>	normal, usual	<b>percut/o</b>	to tap	<b>poster/o</b>	behind, towards the back
<b>-logy</b>	study of	<b>nos/o</b>	disease	<b>peri-</b>	around, surrounding	<b>potenti/o</b>	power, strength
<b>loph/o</b>	ridge	<b>not/o</b>	the back	<b>perine/o</b>	perineum	<b>-prandial</b>	meal
<b>lord/o</b>	curvature, bending	<b>nucle/o</b>	nucleus	<b>peritone/o</b>	peritoneum	<b>-praxia</b>	action, activity
<b>lox/o</b>	oblique, slanting	<b>nulli-</b>	none	<b>per/o</b>	deformed, maimed	<b>pre-</b>	before, in front of
<b>-lucent</b>	light-admitting	<b>nutri/o, nutrit/o</b>	nourish	<b>perone/o</b>	fibula	<b>presby-</b>	aging, elderly
<b>luc/i</b>	light	<b>nyct/o</b>	night	<b>perspir/o</b>	breathe through	<b>primi-</b>	first
<b>lucid/o</b>	clear	<b>O</b>		<b>pest/i</b>	plague, pests	<b>-privia</b>	loss, deprivation
<b>lumb/o</b>	loin	<b>obstetr/o</b>	midwife	<b>pet-</b>	quadrillion (10 <sup>15</sup> )	<b>pro-</b>	before
<b>lumin/o</b>	light	<b>octa-, octi-</b>	eight	<b>petal</b>	moving toward, seeking	<b>proct/o</b>	rectum, anus
<b>lute/o</b>	yellow	<b>ocul/o</b>	eye	<b>petr/o</b>	stone, petrous region of temporal bone	<b>pros/o</b>	forward, anterior
<b>luxat/o</b>	dislocate	<b>odont/o</b>	tooth	<b>-pexy</b>	fixation	<b>prosep/o</b>	face
<b>ly/o</b>	dissolve, loosen	<b>-oid</b>	resembling	<b>phac/o</b>	lens	<b>prostato</b>	prostate gland
<b>lymph/o</b>	lymph	<b>-ole</b>	little, small	<b>phag/o, -phagia</b>	eating, ingestion	<b>prote/o</b>	protein
<b>-lysis</b>	dissolution, breakdown	<b>ole/o</b>	oil	<b>phak/o</b>	lens	<b>prot/o</b>	first
<b>M</b>		<b>olfact/o</b>	smell	<b>phalang/o</b>	phalanges	<b>proxim/o</b>	near
<b>-malacia</b>	softening	<b>olig/o</b>	scanty, few, little	<b>phall/o</b>	penis	<b>prurit/o</b>	itching
<b>mamm/o</b>	breast	<b>-oma</b>	tumor, mass	<b>phaner/o</b>	visible, apparent	<b>psamm/o</b>	sand, sand-like material
<b>-mania</b>	madness, obsessive preoccupation	<b>om/o</b>	shoulder	<b>pharmac/o</b>	drugs	<b>pselaphes/o</b>	touch
<b>-masesis</b>	mastication, chewing	<b>omphal/o</b>	navel	<b>phas/o, -phasia</b>	speech	<b>pseudo-</b>	false
<b>mast/o</b>	breast	<b>onc/o</b>	tumor, mass	<b>phe/o</b>	dusky	<b>psor/o</b>	itching
<b>maxill/o</b>	maxilla	<b>onych/o</b>	nail	<b>phen/o</b>	appearance	<b>psych/o</b>	mind
<b>medi/o</b>	middle	<b>o/o</b>	egg, ovum	<b>-pheresis</b>	removal	<b>psychr/o</b>	cold
<b>mediastin/o</b>	mediastinum	<b>oophor/o</b>	ovary	<b>-phil, -philia</b>	affinity for, tendency towards	<b>-pterygium</b>	abnormality of the conjunctiva
<b>medic/o</b>	heal, healing	<b>ophry/o</b>	eyebrow	<b>phim/o</b>	muzzle	<b>pteryg/o</b>	wing-shaped
<b>medull/o</b>	medulla, marrow	<b>ophthalm/o</b>	eye	<b>phleb/o</b>	vein	<b>-ptosis</b>	prolapse, drooping
<b>mega-</b>	million (10 <sup>6</sup> )	<b>-opia, -opsia</b>	vision	<b>-phobia,</b>	fear, aversion		
<b>mega-, megal-</b>	large	<b>opisth/o</b>	backward, behind	<b>phob/o</b>			
<b>-megaly</b>	enlargement	<b>op/o</b>	juice, face				
<b>mel/o</b>	limbs, limb	<b>-opsy</b>	to view				
		<b>opt/o</b>	eye, vision				

<b>-puncture</b>	to pierce a surface
<b>pupill/o</b>	pupil
<b>purgat/o</b>	cleansing
<b>purpur/i</b>	purple
<b>purul/o</b>	pus formation
<b>py/o</b>	pus
<b>pyel/o</b>	renal pelvis
<b>pyg/o</b>	buttocks
<b>pykn/o, pycn/o</b>	thick, dense
<b>pyl/e</b>	portal vein
<b>pylor/o</b>	pylorus
<b>pyret/o</b>	fever
<b>pyrex/o</b>	feverishness, fever
<b>pyr/o</b>	heat, fire, fever
<b>Q</b>	
<b>quadri-</b>	four
<b>quinque-</b>	five
<b>quint/i</b>	fifth
<b>R</b>	
<b>rachi/o</b>	spine
<b>radi/o</b>	x-ray, radiation
<b>radicul/o</b>	nerve root
<b>ram/i</b>	branch
<b>re-</b>	back, again
<b>-receptor, -ceptor</b>	receiver
<b>rect/o</b>	rectum
<b>reflex/o, reflect/o</b>	to bend back
<b>registrat/o</b>	recording
<b>relaps/o</b>	to slide back
<b>ren/o</b>	kidney
<b>respir/o, respirat/o</b>	breathe, breathing
<b>resuscit/o</b>	revive
<b>reticul/o</b>	netlike
<b>retin/o</b>	retina
<b>retract/o</b>	drawing back
<b>retro-</b>	behind, backward
<b>rhabd/o</b>	rod
<b>rhabdomy/o</b>	striated/skeletal
<b>rhe/o</b>	flow, current, stream
<b>rhin/o</b>	nose
<b>rhiz/o</b>	root
<b>rhod/o</b>	red, rosy
<b>rhytid/o</b>	wrinkle
<b>rose/o</b>	rosy
<b>rot/o, rotat/o</b>	turn, revolve
<b>-rrhagia, -rrhage</b>	excessive flow, profuse fluid discharge
<b>-rrhaphy</b>	suture
<b>-rrhea</b>	flow, discharge
<b>-rrhexis</b>	rupture
<b>rrhythm/o</b>	rhythm
<b>-rubr/o, rubr/i</b>	red
<b>S</b>	
<b>sacchar/o</b>	sugar
<b>sacr/o</b>	sacrum
<b>salping/o</b>	fallopian tube
<b>sangu/i, sanguin/o</b>	blood
<b>sanit/a</b>	health
<b>sap/o</b>	soap
<b>sapr/o</b>	rotten, decay
<b>sarc/o</b>	flesh
<b>saur/o</b>	lizard
<b>scaph/o</b>	a scapha, boat-shaped
<b>scapul/o</b>	scapula
<b>scat/o</b>	feces
<b>scel/o, -scelia</b>	leg
<b>schist/o, -schisis</b>	split, cleft
<b>schiz/o</b>	split, division
<b>scint/i</b>	spark
<b>scirr/h/o</b>	hard
<b>scler/o</b>	sclera
<b>-sclerosis</b>	hardening
<b>scolec/o</b>	worm
<b>scoli/o</b>	crooked, twisted
<b>-scope</b>	instrument for visual examination
<b>-scopy</b>	visual examination
<b>scot/o</b>	darkness
<b>scrib/o, script/o</b>	to write

<b>seb/o</b>	sebum
<b>-sect</b>	to cut
<b>secund/i</b>	second
<b>sedat/o</b>	to calm
<b>semi-</b>	half
<b>semin/i</b>	semen
<b>senil/o</b>	old, old age
<b>sens/o, sensat/o</b>	feeling, perception
<b>sensor/i</b>	sensory
<b>-sepsis, septic/o</b>	putrefaction, putrifying
<b>sept-, septi-</b>	seven
<b>sept/o</b>	partition
<b>ser/o</b>	serum, serous
<b>sesqui-</b>	one-and-a-half
<b>sex-</b>	six
<b>sial/o</b>	saliva
<b>sicc/o</b>	to dry
<b>sider/o</b>	iron
<b>sigmoid/o</b>	sigmoid colon
<b>silic/o</b>	silica, quartz
<b>sinistr/o</b>	left
<b>sinus/o, sin/o</b>	cavity, sinus
<b>sit/o</b>	food
<b>skelet/o</b>	skeleton
<b>soci/o</b>	social, society
<b>sodi/o</b>	compound containing sodium
<b>solut/o</b>	dissolved
<b>somat/o</b>	body
<b>-some</b>	body
<b>somn/i, -somnia</b>	sleep
<b>son/o</b>	sound
<b>span/o</b>	scanty, scarce
<b>-spasm, spasm/o</b>	involuntary contraction
<b>spectr/o</b>	image, spectrum
<b>sperm/o, spermat/o</b>	spermatozoa
<b>sphen/o</b>	wedge, sphenoid bone
<b>spher/o</b>	round, sphere
<b>sphygm/o</b>	pulse
<b>-sphyxia</b>	pulse
<b>spin/o</b>	spinal cord, spine
<b>spir/o</b>	breathe
<b>splanchn/o</b>	viscera
<b>splen/o</b>	spleen
<b>spondyl/o</b>	vertebrae, spinal column
<b>spongi/o</b>	spongelike, spongy
<b>spor/o</b>	spore, seed
<b>squam/o</b>	squamous, scales
<b>-stabile</b>	stable, fixed
<b>-stalsis</b>	contraction
<b>staped/o</b>	stapes
<b>staphyl/o</b>	uvula, grape-like clusters
<b>-stasis</b>	standing still, standing
<b>-stat</b>	device/instrument for keeping something stationary
<b>steat/o</b>	fat
<b>-stenosis, sten/o</b>	narrowed, constricted
<b>stere/o</b>	solid, three-dimensional
<b>steril/o</b>	barren
<b>stern/o</b>	sternum
<b>steth/o</b>	chest
<b>sthen/o, -sthenia</b>	strength
<b>stich/o, -stichia</b>	rows
<b>stigmat/o</b>	mark, point
<b>stomat/o</b>	mouth
<b>-stomy</b>	surgical opening
<b>strat/i</b>	layer
<b>strept/o</b>	twisted, curved
<b>strict/o</b>	to tighten, bind
<b>-stroma</b>	supporting tissue of an organ
<b>stroph/o</b>	twisted
<b>sub-</b>	under, beneath
<b>succ/o</b>	juice
<b>suct/o</b>	to suck
<b>sud/o</b>	sweat
<b>sulc/o</b>	furrow, groove
<b>super-</b>	above, beyond

<b>supra-</b>	above, beyond
<b>suspend/o, suspens/o</b>	to hang up, suspend
<b>sym-, syn-</b>	with, together
<b>-symptom/o</b>	occurrence
<b>synaps/o, synapt/o</b>	point of contact, to join
<b>syndesm/o</b>	ligament, connective tissue
<b>synov/o</b>	synovia, membrane synovial
<b>syphil/o</b>	syphilis
<b>syring/o</b>	tube, fistula
<b>system/o</b>	system
<b>systol/o</b>	contraction
<b>syzygi/o</b>	bound together, conjunction
<b>T</b>	
<b>tachy-</b>	fast
<b>fact/o</b>	touch
<b>tal/o</b>	talus
<b>taph/o</b>	grave
<b>tapin/o</b>	low
<b>tars/o</b>	tarsus, edge of eyelid
<b>tauto-</b>	identical, same
<b>-taxia, tax/o</b>	arrangement, coordination
<b>techn/o</b>	skill, art
<b>tect/o</b>	rooflike
<b>tegment/o</b>	covering
<b>tel/e</b>	end, distant
<b>tel/o</b>	end
<b>tele/o</b>	perfect, complete
<b>temp/o, tempor/o</b>	period of time, the temples
<b>ten/o</b>	tendon
<b>tenon/o</b>	tendon
<b>-tension, tens/o</b>	stretched, strained
<b>tephro/o</b>	gray (ashen)
<b>tera-</b>	trillion (10 <sup>12</sup> )
<b>terat/o</b>	monster
<b>termin/o</b>	boundary, limit
<b>ferti-</b>	third
<b>test/o, testicul/o</b>	testis
<b>tetan/o</b>	tetanus
<b>tetra-</b>	four
<b>thalam/o</b>	thalamus
<b>thanat/o</b>	death
<b>thec/o</b>	sheath
<b>thel/o</b>	nipple
<b>theor/o</b>	speculation
<b>-therapy, therapeut/o</b>	treatment
<b>theri/o</b>	animals
<b>therm/o</b>	heat
<b>thigm/o</b>	touch
<b>thio-</b>	presence of sulfur
<b>thorac/o</b>	chest
<b>thromb/o</b>	clot, thrombus
<b>-thymia</b>	mind, emotions
<b>thym/o</b>	thymus gland
<b>thyr/o</b>	thyroid gland
<b>tibi/o</b>	tibia
<b>toc/o, -tocia</b>	childbirth, labor
<b>-tome</b>	instrument for cutting
<b>tom/o</b>	a cutting (section/layer)
<b>-tomy</b>	surgical incision
<b>ton/o</b>	tone, tension
<b>fonsill/o</b>	tonsils
<b>top/o</b>	particular place or area
<b>torpid/o</b>	sluggish, inactive
<b>tors/o</b>	twisting, twisted
<b>tox/o, toxic/o</b>	poison
<b>trachel/o</b>	neck
<b>trache/o</b>	trachea
<b>trachy-</b>	rough
<b>trans-</b>	across
<b>traumat/o</b>	trauma, injury, wound
<b>trem/o, tremul/o</b>	shaking, trembling
<b>-tresia</b>	opening, perforation
<b>tri-</b>	three
<b>tri/o</b>	to sort out, sorting
<b>trich/o</b>	hair

<b>-tripsy</b>	to crush, break
<b>-trophy, troph/o</b>	nourishment, growth
<b>-tropia</b>	to turn
<b>tubercul/o</b>	tubercle, tuberculosis
<b>tub/o</b>	tube
<b>-tumescence, tumesc/o</b>	swelling
<b>turbid/i</b>	cloudy, confused
<b>turg/o, turgid/o</b>	to swell, swollen
<b>tympan/o</b>	eardrum (tympanic membrane)
<b>-type, typ/o</b>	
<b>typh/o</b>	cecum, blindness
<b>typh/o</b>	typhus, typhoid
<b>tyr/o</b>	cheese, caseous
<b>U</b>	
<b>-ule</b>	little, small
<b>ul/o</b>	scar, scarring
<b>ultra-</b>	beyond, excess
<b>un-</b>	not, reversal
<b>ungu/o</b>	nail
<b>uni-</b>	one
<b>uran/o</b>	palate
<b>-uresis</b>	urination
<b>ureter/o</b>	ureter
<b>urethr/o</b>	urethra
<b>-uria</b>	urine condition
<b>uric/o</b>	uric acid
<b>urin/o</b>	urine
<b>ur/o</b>	urine
<b>uter/o</b>	uterus
<b>uve/o</b>	uvea
<b>uvul/o</b>	uvula
<b>V</b>	
<b>vaccin/o</b>	vaccine
<b>vag/o</b>	vagus nerve
<b>vagin/o</b>	vagina
<b>valv/o, valvul/o</b>	valve
<b>varic/o</b>	varicose veins
<b>vari/o, variat/o</b>	change, vary
<b>vas/o</b>	vessel, vas deferens
<b>vascul/o</b>	blood vessel
<b>ven/o</b>	vein
<b>venere/o</b>	sexual intercourse
<b>ventil/o</b>	to aerate, oxygenate
<b>ventr/o</b>	belly, front of the body
<b>ventricul/o</b>	ventricle of the heart or brain
<b>venul/o</b>	venule
<b>verm/i</b>	worm
<b>verruc/i</b>	wart
<b>vers/o, -verse</b>	turn, turning
<b>vertebr/o</b>	vertebra
<b>vesic/o</b>	urinary bladder
<b>vesicul/o</b>	seminal vesicle, a vesicle
<b>vestibul/o</b>	vestibule
<b>vibr/o, vibrat/o</b>	to quiver, shake
<b>viril/o</b>	masculine, manly
<b>vir/o</b>	virus
<b>viscer/o</b>	internal organs
<b>viscid/o, viscos/o</b>	sticky, glutinous
<b>vitell/o</b>	yolk
<b>vit/o, vital/o</b>	life
<b>vitreo/o</b>	glassy, vitreous body
<b>viv/i</b>	life, alive
<b>-volemia</b>	blood volume
<b>volv/o, volut/o</b>	to roll
<b>vulv/o</b>	vulva
<b>X</b>	
<b>xanth/o</b>	yellow
<b>xen/o</b>	strange, foreign matter
<b>xer/o</b>	dry
<b>xiph/o</b>	sword-shaped, xiphoid
<b>Z</b>	
<b>zon/i, zon/o</b>	zone, encircling region
<b>zo/o</b>	animal
<b>zym/o</b>	union, junction
<b>zym/o</b>	enzyme, ferment

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NOTE TO STUDENT: This guide is intended for informational purposes only. Due to its condensed format, this guide cannot cover every aspect of the subject; it should be used in conjunction with course work and texts. This guide is not intended for the diagnosis, treatment, or cure of any medical condition or illness and should not be used as a substitute for professional medical care. BarCharts, Inc., its writers, editors, and design staff are not responsible or liable for the use or misuse of the information contained in this guide. All rights reserved. No part of this publication may be reproduced or transmitted in any form, or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without written permission from the publisher.

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