

Researched and Compiled by Grant Walters. Updated Tue 09 Sep 2009.

## Legend

Abbreviations	
G	Greek
L	Latin
N	New Latin
I	Italian
F	French
A	Arabic
S	Sanskrit
E	English
D	German (Deutsch)
Example	
M	muscle
L	ligament
B	bone

Symbols	
»	genitive
›	derivative
•	diminutive
~	past participle
x	nominative plural
¤	frequentative
Usage	
<	before
>	after
Brackets	
()	Association / separation
[]	Origin/Meaning word link
{ }	Interesting side note

Word Root Symbology			
<i>abc-</i>	Prefix (can be combining)		
<i>-xyz</i>	Suffix (can be combining)		
<u>abc</u>	Underlined letter optional		
<b>abcd</b>	Root in <b>bold</b>		
2 Root Variations			
Root Abbrev.	Root 1	Root 2	
<b>ab/c</b>	<b>ab</b> (ab - c)	<b>ac</b> (ab - b + c)	
<b>ab cd</b>	<b>ab</b> (ab - cd)	<b>abcd</b> (ab + cd)	
<b>a bcd</b>	<b>ab</b> (a - bcd)	<b>acd</b> (a - b + cd)	
<b>-abc</b>	<b>abc</b> (a + bc)	<b>bc</b> (- a + bc)	
3 Root Variations			
Root Abbrev.	Root 1	Root 2	Root 3
<b>ab/c</b>	<b>a</b> (a - b - c)	<b>ab</b> (a + b)	<b>ac</b> (a + c)

## Simple Word Roots

A	Origin	Meaning	Example
<b>a</b>	G <i>a-</i> (< cons)	without, not	<b>acelous</b> , <b>agnatha</b> , <b>amoral</b>
<b>an</b>	G <i>an-</i> (< vowel)	See <b>an</b>	<b>anapsid</b> , <b>angemia</b> , <b>anaesthesia</b>
<b>ab</b>	L <i>ab-</i>	away from	<b>abduction</b> , <b>abductor digiti minimi</b> M
<b>abdom</b>	L [ <i>abdo</i> ] <i>abdere</i> › <i>abdomen</i>	[to conceal] stow away, cover	<b>abdomen</b> , rectus <b>abdominis</b> M
<b>acanth</b>	G [ <i>ake aketon</i> ] <i>akantha</i>	[sharp (point)] spine, thorn (of plant)	<b>acanthodii</b> , <b>acanthocephalan</b> , <b>acanthus</b>
<b>acetabul</b>	G (L [ <i>acetum</i> ] › <i>acetabulum</i> )	[vinegar] vinegar cup	<b>acetabulum</b> , <b>acetic acid</b>
<b>acinar</b>	L <i>acinus</i>	berry, kernel	<b>acinar gland</b>
<b>acrom</b>	G <i>akros akrom</i>	topmost, extremity	<b>acropolis</b> , <b>acromegaly</b> , <b>acromion</b> ,
<b>actin</b>	G <i>aktin</i>	ray	<b>actin</b> , <b>actinopterygii</b>
<b>acoust</b>	G <i>akouo</i> › <i>akoustikos</i>	hear	<b>acoustics</b>
<b>ad</b>	L <i>ad-</i>	to: move toward, change, add, intensify	<b>adduction</b> , <b>adorbital</b> , <b>adrenalin</b>
<b>a</b>	L <i>a-</i> (< sc, sp, st)	See <b>ad</b>	<b>ascend</b> , <b>aspect</b> , <b>aspersion</b> , <b>astatic</b> , <b>astigmatism</b>
<b>ac</b>	L <i>ac-</i> (< c, k, q)	See <b>ad</b>	<b>accessory</b> , <b>acknowledge</b> , <b>accident</b> , <b>acquire</b> (as in <b>AIDS</b> )
<b>af</b>	L <i>af-</i> (< f)	See <b>ad</b>	<b>afferent</b> , <b>affliction</b>
<b>ag</b>	L <i>ag-</i> (< g)	See <b>ad</b>	<b>agglutinin</b> , <b>aggressive</b>
<b>al</b>	L <i>al-</i> (< l)	See <b>ad</b>	<b>alleviate</b> , <b>allusion</b> , <b>alluvial</b>
<b>an</b>	L <i>an-</i> (< n)	See <b>ad</b>	<b>annulus fibrosus</b> , <b>annihilate</b> , <b>annotate</b>
<b>ap</b>	L <i>ap-</i> (< p)	See <b>ad</b>	<b>apprehension</b> , <b>approximate</b>
<b>ar</b>	L <i>ar-</i> (< r)	See <b>ad</b>	<b>arrector pili</b> M, <b>array</b>
<b>as</b>	L <i>as-</i> (< s)	See <b>ad</b>	<b>assembly reassure</b> , <b>assessment</b>
<b>at</b>	L <i>at-</i> (< t)	See <b>ad</b>	<b>attenuate</b> , <b>attribute</b> , statement of <b>attainment</b>
<b>aden</b>	G <i>adenos</i>	gland	<b>adenopophysis</b> , <b>adenoid</b> , <b>adenoma</b> , <b>adenosine</b>
<b>adip</b>	L <i>adeps adipis</i>	fat	<b>adipose</b> , <b>adipocyte</b>
<b>-aem</b>	G (See <b>haem</b> ) › <i>aimia</i>	See <b>haem</b> : blood	<b>anaemia</b> , <b>anemic</b>
<b>aero</b>	G <i>aer</i> › <i>aero-</i>	air	<b>aerobic</b> , <b>anaerobic</b>
<b>aesthes/t</b>	G <i>aisthesis</i>	sensation	<b>anaesthetic</b> , syn <b>aesthesia</b>
<b>agon</b>	G <i>agon</i> › <i>agonistes</i>	contest	<b>agonist</b> , <b>antagonist</b> , <b>agony</b>
<b>ala/i</b>	L <i>ala</i>	wing	<b>alar foramen</b> , <b>aliform</b> , <b>alisphenoid</b> B, sacral <b>alae</b>
<b>axil</b>	L (See <b>ala/i</b> ) › <i>axilla</i>	armpit	<b>axil</b> , <b>axilla</b> , <b>axillary border</b> (of scapula)
<b>alb</b>	L <i>albus</i> › <i>albo</i>	white	corpus <b>albicans</b> , <b>albino</b> , linea <b>alba</b>
<b>aliment</b>	L <i>alere</i> › <i>alimentum</i>	nourish	<b>alimentary canal</b>
<b>alg</b>	G <i>algos</i>	pain	neur <b>algia</b> , neur <b>algic</b> , <b>analgesic</b>
<b>allo</b>	G <i>allos</i>	different, other	<b>allotheria</b> , <b>allopathy</b>
<b>allanto</b>	G <i>allas</i> › <i>allantos</i>	sausage	<b>allantoic artery</b> , <b>allantos</b>
<b>allel</b>	G <i>allel</i>	of one another	<b>alleles</b> , <b>parallel</b>
<b>alveol</b>	L <i>alveus</i> › <i>alveolus</i>	hollow cavity	<b>alveolar</b> , <b>alveoli</b> , <b>alveolus</b>
<b>amnio</b>	G [ <i>amnos</i> ] › <i>amnios</i>	[lamb] sac {caul = birth membrane}	<b>amnion</b> , <b>anamniote</b> , <b>amniocentesis</b>
<b>amoeb</b>	G <i>amoibe</i>	change	<b>amoeba</b> , <b>amoeboid</b> , <b>amoebic dysentery</b>
<b>amph</b>	G <i>amphi</i>	on both sides of, double	<b>amphibian</b> , <b>amphicoelous</b> , <b>amphioxus</b> , <b>amphora</b>
<b>ampul</b>	G <i>ampulla</i>	a small jug	<b>ampulla of Lorenzini</b> , <b>ampule</b>
<b>amygdal</b>	G <i>amugdale</i>	almond	<b>amygdaloid</b> , <b>amygdala</b>
<b>an</b>	L <i>anus</i>	anus	levator <b>ani</b> M, <b>anal</b> , <b>anus</b> , <b>anilingus</b>
<b>ana</b>	G <i>ana-</i> (< cons)	up (back, again)	<b>anaphase</b> , <b>anatomy</b> , <b>anamnesis</b>
<b>an</b>	G <i>an-</i> (< vowel)	See <b>an</b>	<b>anion</b>
<b>ancon/kyl</b>	G [ <i>agkuloo</i> ] <i>agkon</i>	[crook] elbow	<b>anconeus</b> M, <b>ankylosis</b>
<b>anglul</b>	L <i>angulus</i>	corner	<b>angle</b> , depressor <b>anguli oris</b> M, <b>angular</b>
<b>angi</b>	G <i>ageion</i>	vessel	<b>angiitis</b> , <b>angioma</b>
<b>angin</b>	G <i>agkhone</i>	strangling	<b>angina pectoris</b>
<b>annul</b>	L <i>annulus</i>	a ring	<b>annulus fibrosus</b>
<b>anserin</b>	L <i>anser anserinus</i>	goose	pes <b>anserinus</b>
<b>anti</b>	G <i>anti-</i>	against	<b>antagonist</b> , <b>antacid</b> , <b>anticoagulant</b>
<b>ante</b>	L <i>ante-</i> anterior	preceding, before	<b>antebrachium</b> , <b>anterior</b> , <b>antemortem</b> , <b>anteriolateral</b>
<b>antr</b>	L <i>antron</i>	cave	<b>antrum</b> , <b>antra</b>
<b>aort</b>	G [ <i>aeiro</i> ] <i>aorter</i>	[raise, lift up] hanger, strap	<b>aorta</b> , <b>aortic arch</b>
<b>arter</b>	G (See <b>aort</b> ) <i>arteria</i>	See <b>aort</b>	<b>arteriole</b> , <b>arteriosclerosis</b> , <b>artery</b>
<b>apic/ex</b>	L <i>apex</i> › <i>apicis</i>	tip, extremity	<b>apex</b> (of heart), <b>apical lamina</b> , <b>apiculate</b>
<b>apo</b>	G <i>apo-</i> (< cons)	away, from (off), unquite	<b>apophysis</b> , <b>apocrine</b> , <b>apoptosis</b> , <b>apomixis</b>
<b>ap</b>	G <i>ap-</i> (< h, vowel)	See <b>apo</b>	<b>aphelion</b> , <b>aphesis</b>

-aps/t	G	[hapto] › hapsis	[fasten] junction, vault {arch = join at top}	synapse, synaptic, anapsid
aquā	L	aqua	water	aqueous solution, aquatic
arachn	G	arachne	spider	arachnid, arachnoid membrane
arcū	L	[arcus] arcuare (F arche)	[bow, curve] to bend like a bow	coracoarcual M, arcuate line (of ilium), pubic arch
arch	G	[arkhe] arkhaios	[beginning] ancient	archinephros, archipallium, archaeology, menarche
areola	L	area • areola	vacant ground	areolar connective tissue, areola (of nipple)
arthr	G	arthron	joint	arthropathy, arthritis
articul	L	artus • articulus	joint	article, articular cartilage
aryten	G	arytania	ladle	arytenoid cartilage
asper	L	asper	rough	linea aspera
astragal	G	astragalos (L astragalus)	[gaming die] ankle bone	astragalus B, astragalar
ather	G	athere	groats (crushed oats)	atherosclerosis
atlalno	G	Atlas	a god who holds up the heavens	atlasoscapularis M, atlas
atr	L	atrium	entrance room, vestibule	atrium (of heart)
aur	G	aura	breeze, breath	aura
auricul	L	auris • auricula	ear	auricle, auricular surface (of ilium)
auscult	L	auscultare › auscultatio	listen to	auscultatory method
auto	G	autos	self	autogenous
ave/i	L	avis x aves	bird	aves, aviary
axli	G	[axon, axios] › axioma	[axis, worthy] pivot	axle, axon, axial skeleton

B	Origin	Meaning	Example
bar	G baros	weight	baroreceptors, barometer, hyperbaric, millibar
basal	L basis	a tread (of stairs), stepping, pedestal	basal lamina
bin	L [bin-] bini (< vowel)	[two] two together	binocular, binate
bi	L bi- (< cons)	See bin	biceps brachii M, biped
bio	L bios bio- (< cons)	life	biochemistry, biosphere, biology
bi	L bi- (< vowel)	See bio	amphibian, microbial
bil	L bilis	bile	bilirubin, bile duct
blast	G blastos	sprout	blastocyte, fibroblast, chondroblast, osteoblast
bol	G ballo › bole	throw	metabolic, catabolism, embolism
bolus	G [bolos] bolas	[clod] lump (ball)	bolus
brach	G brachion	upper arm	antebrachium, brachialis M, brachioradialis M, embrace
branch	G branchion	gill	branchial, elasmobranchii
brady	G bradus	slow	bradycardia
brevi	L brevis	short	peroneus brevis M, abbreviate
bronch	G bronkos	windpipe	bronchus, bronchiole, bronchi
brux	G brukhein	gnash the teeth	bruxism
bryo	G bruo	sell, grow	embryo, embryonic, bryophytes
bucc	L [bucca] buccina	[cheek] trumpet	buccolabial, buccal, buccinator M
bulla	G bulla	a bubble, seal	tympenic bulla
burs	G [bursa] (L bursa byrsa)	[hide, leather] bag, purse	bursae, bursitis, bursar

C	Origin	Meaning	Example
caec	L caecus	blind (gut)	caecum, ileocecal valve
calc	L calx › calcis	lime, heel	calcaneus, calcify, calcium
calic/yx	G kalyx (L calyx)	cup	calicivirus, calyx, renal calyx
call	L callus	hard skin	callus, corpus callosum, callous
calor	L calor	heat	calories, calorimeter
caput	L caput	head	caput
capitul	L › capitis • capitulum	See caput	capital, capitulum, capitulate
ceps	L › -ceps	See caput	triceps M, biceps brachialis M
cipit	L ciput	See caput	occipital B, occipitalis M
capill	L capillus	hair	capillary
carap	F carapace	a shell	carapace
carbunc	L [carbo] • carbunculus	[charcoal] little glowing embers	carbon, carbohydrate, carbide, carbuncle
carcinlo	G karkinos	crab (zodiac sign)	carcinogen, carcinoma
cardi	G kardia	heart	cardiotoxic, cardiovascular, cardiac, cardioid
cardinal	L [cardo] cardinalis	[hinge] principal {4 virtues for conduct}	cardinal vein
carn	L caro › carnis	flesh	carnal, carnivore, trabeculae carnae
carot	G karoton (L carota)	carrot	carotene
carotid	G [karoo] karotides (L carotides)	stupefy {compress carotids = stupor}	carotid artery
carp	G karpos	wrist	carpal, carpus, flexor carpi radialis M
case	L caseus	cheese	vernix caseosa, casein, caseinogen
cata	G kata	down	catabolism, catatonic
caud	L cauda	tail	caudal, caudofemoralis M
cav	L cavus	hollow	cavity, vena cava, caveolae, cavern
cephal	G kephale	head	cephalic, cephalochordate, holocephalic
cept	L capere	take	perception
cerumen/in	L cera	wax	cerumen, ceruminous glands
cerat	G (See kerat) keras keratos	See kerat: horn	ceratobranchial, ceratotrichia
cerca	G kerkos	tail	cercaria, heterocercal fin
cerebr	L cerebrum • cerebellum	brain	cerebrum, cerebral cortex, cerebrospinal, cerebellum
cervic/x	L cervix › cervicis	neck	cervical, cleidocervicalis M, uterine cervix
chiasm	G chiasma	cross	optic chiasma
choan	G choane	funnel	choana
chole	G chole	bile (anger)	ductus choledochus, cholesterol, cholera
chondr	G chondros	cartilage	chondrocyte, chondrify, chondrocranium
chord	L chorda	string	chordae tendinae, chordate, notochord
chor	G khorion	skin, afterbirth	chorion, choroid layer (of eyeball), choroid plexus
chrom	G Khroma	colour	chromosome, chromatid, chromatin
chyl/m	G khulos khumos	juice (infusion)	chyle, chyme, mesenchyme, ecchymosis
cid	L cadere › -cidium	fall (cut)	germicide, homicidal, accident, deciduous placenta
cili	L cilium x cilia	eyelash, eyelid	cilia, corrugator supercilii M, supercilious
ciner	L [cinis] cinereus	[ashes] colour of ashes	incinerate, tuber cinereum
cingul	L cingulum	girdle	cingulate cortex

<b>circum</b>	L [circus] circa circum	[ring] about, round	circulation, circadian rhythm, circumduction, circumcision
<b>cistern</b>	G [kiste] L cisterna	[a box, basket] enclose	terminal cisternae
<b>clast</b>	G klastos	broken in pieces	osteoclast
<b>clathr</b>	G klethra (L clathri)	lattice bars	clathrin, clathrate
<b>clavi</b>	L clavis • clavícula	key	clavicle, subclavian artery
<b>cleido/th</b>	G [kleis » kleidos] kleithron	[key] bar	cleidoic egg, sternocleidomastoideus M, cleithrum
<b>clitor</b>	G kleitoris » kleitoridos	small hill	clitoris, glans clitoris, clitoral
<b>cloac</b>	L cloaca	sewer	cloaca
<b>cnem</b>	G kneme (E cneow)	shin, tibia	gastrocnemius M, cnemial
<b>co</b>	L com- cum (< vowel, h, gn)	with (together, jointly)	cohesive, cogitate, cognitive
<b>col</b>	L col- (< l)	See <b>co</b>	collateral L
<b>con</b>	L con- (< other cons)	See <b>co</b>	concentric
<b>com</b>	L com- (< b, m, p, f, vowel)	See <b>co</b>	comminuted (fracture)
<b>cor</b>	L cor- (< r)	See <b>co</b>	corrective, corrugator supercillii M
<b>cocc</b>	G kokkus	berry	coccidiosis, streptococcus, staphylococcus
<b>coccyg/x</b>	G [kokkux] kokkyx	[cuckoo] shape of cuckoo's bill	coccyx, sacrococcygeal
<b>cochl</b>	G kokhlos	land snail	cochlea, vestibulocochlear nerve
<b>coel</b>	G koilos	hollow	acoela, coelum, neurocoele, celiac artery
<b>collon</b>	G kolon	large intestine (colon)	colic, colon, colonic
<b>coll</b>	L collum	neck	collar, longus colli M
<b>colli</b>	L collis • colliculus	hill	rostral colliculus
<b>conch</b>	G konkhe	sea shell	concha, conchology
<b>condyl</b>	G kondulos (L kondylus)	knuckle	epicondyle, occipital condyle, condylar
<b>contra</b>	L contra	against	contraceptive, contraindication, contralateral
<b>copr</b>	G kopros	dung	coprodeum, coprophagy, copralite
<b>corac</b>	G korax » korakos	a raven, crow	coracobrachialis M, coracoid process
<b>corn</b>	L cornu	horn	cornea, cornify, hyoid cornua, stratum corneum
<b>coron</b>	L corona	crown, something curved	coronary arteries, coronal plane, coronoid process
<b>corp</b>	L corpus	body	corpse, corpus callosum, corpus luteum
<b>cortex/ic</b>	L cortex » corticis	bark	cerebral cortex, corticospinal tract, hydrocortisone
<b>cost</b>	L costa	rib	costovertebral, external intercostal M
<b>coxa</b>	L coxa	hip bone	coxal, coxae
<b>crani</b>	G kranion	skull	chondrocranium, cranial
<b>crea</b>	G kreas	flesh	pancreas, pancreatic
<b>cremat</b>	G kremare	burn	cremate, crematorium
<b>cremast</b>	G kremaster	to hang (suspend)	cremasteric M
<b>cribr</b>	L cribrum	sieve	cribriform plate
<b>cric</b>	G krikos	ring	cricoid cartilage
<b>crin</b>	G krino	sift	endocrinology, exocrine
<b>crista</b>	L crista	ridge, crest	crista galli, cristae
<b>cross</b>	G krossoi	fringe	crossopterygian
<b>cruc/x</b>	L crux crucis	cross {religious symbol = important}	anterior cruciate L, crucial
<b>crur/s</b>	L crus x crura	lower leg, shank	crus penis, abductor cruris M, crural fascia
<b>cryo</b>	G kruos	frost	cryogenics, cryosurgery
<b>crypt</b>	G kruptos » krupte	hidden	cryptomenorrhea, crypt, cryptosporidium
<b>cucull</b>	L cucullus	cap, hood	cucullaris M
<b>cune</b>	L cuneus	wedge	cuneiform B, funiculus cuneatus
<b>cup</b>	L cupa • cupula	cask, tub	cup, cupula, cupule
<b>cuspid</b>	L cuspis	point, apex	cuspid, bicuspid, tricuspid
<b>cut</b>	L cutis	skin	cuticle, cutis, subcutaneous
<b>cyan</b>	G kuanos » kuaneos	dark blue	cyanosis, cyanobacteria, cyanide
<b>cycl</b>	G kyklos	circle	cyclic, cyclostomata, bicycle
<b>cyst</b>	G kystis	bladder	cyst, cystic duct
<b>cyt</b>	G kytos	hollow vessel, cell	lymphocyte, osteocyte, cytology

D	Origin	Meaning	Example
<b>delt</b>	G delta	Δ (fourth letter of Greek alphabet)	deltoides M, delta
<b>dendr</b>	G dendron	tree	dendrite (of neuron), telodendria, dendrochronology
<b>dens/t</b>	L dens » dentis	tooth	dens, dentary B, dentine, dentist
<b>derm</b>	G derma	skin, leather	dermal B, epidermis, ostracoderm
<b>desm</b>	G desmos	band, chain	desmosome, syndesmoses, desmid
<b>dext</b>	L dexter	right (side)	oculi dexter, dextral, dexedrine, dexterity
<b>di</b>	G [dis] di-	[twice] two	diapsid reptile, digastric M
<b>dia</b>	G dia- (< cons)	through (apart, across)	diameter, diaphragm, diaphysis
<b>di</b>	G di- (< vowel)	See <b>dia</b>	diencephalon
<b>didym</b>	G didymos	testicle	epididymis
<b>digit</b>	L digitus	finger	digit, digitigrade, extensor digitorum M, interdigitate
<b>dips</b>	G dipsa » dipso-	thirst	polydipsia, dipsomania
<b>dis</b>	L dis-	off, from	disinfect, discharge
<b>dif</b>	L dif- (< f)	See <b>dis</b>	differential, diffusion, diffract
<b>de</b>	F (See <b>dis</b> ) de-	See <b>dis</b>	deactivation, degenerative
<b>diurn</b>	G dies » diurnus	day	diurnal
<b>dors</b>	L dorsum	back	dorsum, dorsal, latissimus dorsi M
<b>drom</b>	G [dromos] dromas	[course, running] runner	syndrome, dromedary, prodromal
<b>duct</b>	L [ducere duct-] ductus	[to lead, (draw)] a leading	abduction, duct, oviduct, ductus deferens
<b>dura</b>	L [durus] durare	[hard] endure	durable, dura mater, subdural
<b>dys</b>	G dus-	bad	dyspepsia, dysfunction

E	Origin	Meaning	Example
<b>ect</b>	G [ek-] ektos » ekto-	[out of] outside	ecchymosis, eccrine, ectopic pregnancy, ectoblast
<b>echo</b>	G ekhe	a sound	echocardiogram, echoencephalography
<b>elasm</b>	G elasmos	beaten metal (thin plate)	elasmobranchii
<b>en<sup>1</sup></b>	G en- (L in-)	in, into, on	enanthera, encapsulate, encysted, enlargement
<b>em</b>	G em- (< b, p)	See <b>en<sup>1</sup></b>	embolism, embalm, emplacement
<b>en<sup>2</sup></b>	G en-	in, inside	energy, encephalomyelitis, enuresis, enema, endemic
<b>em</b>	G em- (< b, p)	See <b>en<sup>2</sup></b>	embryogenesis, emphatic, empyema

end/t	G	<i>endon entos</i>	within	endoderm, endoskeleton, entotympanic B, entrance
enter	G	<i>enteron</i>	intestine	enteron, mesentery
eo	G	<i>eos</i>	dawn	Eocene, eotheria
epi	G	<i>epi-</i>	upon, above	epicondyle, epidermis, epididymis, epithalamus
erg	G	<i>ergon</i>	work	energy, synergist
eryth	G	<i>eruthros</i>	red	erythema, erythrocyte, erythropoiesis
ethm	G	<i>ethmos</i>	sieve	ethmoid B
eu	G	<i>eu-</i>	good, true	eutherian, euesthesia, eukaryote
ex	G	<i>ex-</i> (L <i>ex-</i> )	out of, away from	exfoliate, exocytosis, exoskeleton, exit
e	L	<i>e-</i> (< some cons)	See <b>ex</b>	eversion, enucleate
ef	L	<i>ef-</i> (< f)	See <b>ex</b>	ductuli efferentes, efferent neuron
exter/ra	L	<i>exterus extra</i>	outside	extracellular, extraneous, external rotation

F	Origin	Meaning	Example
falc/x	L <i>falx</i> » <i>falcis</i>	sickle	falciform L, <b>falx</b> cerebri
fasci/cul	L [ <i>fascia</i> ] <i>fascis</i> • <i>fasciculus</i>	[band, door, frame] bundle	<b>fascia</b> , <b>fascicle</b> , <b>fasciculus</b> cuneatus
fauc	L <i>fauces</i>	throat	<b>fauces</b> , <b>faucial</b>
fenestr	L <i>fenestra</i>	window	<b>fenestra</b> cochlea, temporal <b>fenestra</b>
fer	L <i>ferre</i>	to carry (bear), tend	afferent neuron, deferent duct, efferent artery
ferr	L <i>ferrum</i>	iron	transferrin, <b>ferritin</b> , <b>ferrous</b>
fibr	L <i>fibra</i> • <i>fibrilla</i>	fibre	<b>fibre</b> , <b>fibrous</b> , <b>fibromyositis</b> , <b>fibroblast</b> , <b>fibril</b> , <b>fibrinogen</b>
fibul	L <i>fibula</i>	buckle, pin	<b>fibula</b>
fid/ss	L <i>findere</i> ~ <i>fissus</i>	to split (cleave)	multifidus M, <b>fissure</b> , <b>fissiparous</b> , <b>fission</b>
fil	L <i>filum</i> • <i>filamentum</i>	thread	<b>filamentous</b> , <b>filiform</b> papillae
filtr	D [ <i>felt</i> ] L <i>filtrum filtrare</i>	[felt] filter {felt used as filter}	<b>filter</b> , <b>filtrum</b> , <b>filtration</b>
fimbr	L <i>fimbria</i>	fringe	<b>fimbria</b> (of hippocampus)
flagell	L <i>flagellare</i>	to whip	<b>flagellum</b> (of sperm), <b>flagellate</b>
flamm	L <i>flamma</i>	flame	inflammation, nevis <b>flammeus</b>
flacc	L <i>flaccus flaccidus</i>	flabby	<b>flaccid</b> paralysis
flat	L [ <i>flare</i> ] <i>flatus</i> » <i>flatulentus</i>	[blow] blowing	<b>flatus</b> , <b>flatulence</b> , <b>inflate</b>
flav	L <i>flavus</i>	yellow	ligamenta <b>flava</b> , riboflavin, <b>flavine</b>
flec/x	L <i>flectere</i> ~ <i>flexus</i>	to bend	circum <b>flex</b> iliac artery, <b>flexion</b> , <b>reflex</b> , <b>reflection</b>
flocc	L <i>floccus</i>	tuft of wool	<b>flocculonodular</b> lobe
foli	L <i>folium</i>	leaf	cerebellar <b>folia</b> , <b>foliage</b> , <b>foliate</b> papillae, <b>foliac</b> acid
foil	L <i>follis</i> • <i>folliculus</i>	bellows (a bag)	hair <b>follicle</b>
fontan	L <i>fons</i> x <i>fontis</i>	fountain	<b>fontanel</b> s (of foetal skull)
foram	L <i>foramen</i>	an opening	<b>foramen</b> magnum
form	L <i>forma</i>	shape, rule	digitiform gland, falciform L, <b>formula</b>
fornic/x	L <i>fornix</i>	a vault, arch, brothel	<b>fornicate</b> , hippocampal <b>fornix</b>
foss	L [ <i>fodere</i> ~ <i>fossus</i> ] <i>fossa</i>	[to dig] a ditch	<b>fossil</b> , <b>fossorial</b> , mandibular <b>fossa</b> , <b>fossa</b> ovalis of heart
front	L <i>frons</i> » <i>frontis</i>	forehead	<b>frontal</b> B, <b>front</b>
fug	L <i>fugare</i> » <i>-fugus</i>	put to flight (driving out)	vermifuge, centrifugal, <b>fugue</b>
funicul	L <i>funis</i> • <i>funiculus</i>	cord, rope	<b>funiculi</b> (of spinal cord), <b>funicular</b>
fund	L <i>fundus</i>	bottom (piece of land)	gastric <b>fundus</b> , flexor digitorum profundus M, <b>fund</b>
fung	L <i>fungus</i>	mushroom	<b>fungiform</b> papilla, <b>fungus</b>

G	Origin	Meaning	Example
galli	L [ <i>gallus</i> ] <i>gallina</i>	[cock (rooster)] hen	crista <b>galli</b> , <b>gallivant</b> , <b>gallimimus</b>
gamet	G [ <i>gamos</i> ] <i>gamete</i>	[marriage] wife	<b>gametes</b> , <b>gametocyte</b>
gangli	G <i>gaglion</i>	a swelling, tumour	<b>ganglion</b> , <b>gangliform</b>
gastr	G <i>gaster</i>	stomach	digastric M, <b>gastric</b> glands, <b>gastrocnemius</b> M
gemin/el	L <i>geminus</i>	twin-born (Gemini)	<b>gemellus</b> superior M, <b>trigeminal</b> nerve, <b>gemi</b> n
gen	L <i>genu</i>	knee {newborn accepted on father's}	<b>geniculate</b> bodies, <b>genueflect</b> , <b>genu</b> varus
gen	G [ <i>gignomai</i> ] (L <i>genere</i> <i>genus</i> )	[be born, become] beget, race (kind)	<b>congenial</b> , <b>congenital</b> , <b>genetics</b> , <b>pathogen</b> , <b>progeny</b>
geni	G [ <i>genus</i> ] <i>geneion</i>	[jaw] chin	<b>genioglossus</b> M
germ	L <i>germen</i> • <i>germinis</i>	sprout	<b>germ</b> , <b>germinate</b> , <b>germinal</b> epithelium (of gonads)
ger/on	G [ <i>geras</i> ] <i>geron</i>	[old age] old man	<b>geriatrics</b> , <b>gerontology</b>
gest	L <i>gerere</i> » <i>gestare</i>	carry	<b>gestation</b>
glab	L <i>glaber</i> • <i>glabellus</i>	smooth	<b>glabella</b> (of frontal B), <b>glabrous</b> (of skin)
glauc	G <i>glaukos</i>	dull grey-green	<b>glaucoma</b>
glen	G <i>glene</i>	cavity, socket	<b>glenoid</b> fossa
glia	G <i>glia</i>	glue	neuroglia, <b>glial</b> cells
glomer	L <i>glomus</i> <i>glomer-</i>	ball	<b>glomeruli</b> , <b>glomerulosclerosis</b>
gloss/ft	G <i>glossa glotta</i>	tongue	genioglossus M, hypoglossal nerve, epiglottis
gluc/yc	G <i>glukus</i>	sweet	<b>glucose</b> , <b>glucogenesis</b> , <b>glycoproteins</b> , <b>glycogens</b>
glut	L <i>gluten glutinis</i>	glue	<b>gluten</b> , <b>glutamic</b> acid, <b>agglutinate</b>
glute	G <i>gloutus</i>	buttock	<b>gluteus</b> maximus M
gnath	G <i>gnathos</i>	jaw	<b>agnatha</b> , <b>gnathostome</b> , <b>prognathos</b>
gnost	L <i>gignosko</i> » <i>gnomon</i>	to know	<b>gnostic</b> sense (of self), <b>agnostic</b>
gompho	G <i>gomphos</i>	a wedge-shaped nail, club	<b>gomphosis</b>
gon	G <i>gonos</i>	generation, seed	<b>gonads</b> , <b>gonorrhoea</b>
grac/il	L [ <i>gratus</i> » <i>gratia</i> ] <i>gracilis</i>	[pleasing] slender	<b>graceful</b> , fasciculus <b>gracilis</b> , <b>gracile</b> , <b>gracilis</b> M
gubern/acul	L [ <i>gubernare</i> ] • <i>gubernaculum</i>	[to steer] a rudder	<b>gubernatorial</b> , <b>gubernaculum</b> (of testis)
gul	L <i>gula</i> (F <i>goule</i> • <i>gullet</i> )	throat	<b>gular</b> , <b>gullet</b>
gust	L <i>gustus</i>	taste	<b>gustatory</b> sense (of taste), <b>gusto</b>
gyr	G <i>gyros</i>	circle, round	cerebral <b>gyri</b> , <b>gyrate</b> , <b>gyroscope</b>

H	Origin	Meaning	Example
haben	L <i>haben</i> • <i>habenula</i>	a strap	<b>habenula</b> of epithalamus
haem	G <i>haima</i>	blood	<b>haemorrhage</b> , <b>haematocyst</b> , <b>hemal</b> arch
halluc/x	L <i>hallux</i>	big toe	flexor <b>hallucis</b> longus M, <b>hallux</b>
ham	L <i>hamus</i> • <i>hamulus</i>	a hook	<b>hamate</b> B, <b>hamulus</b> (of pterygoid B)
hapt	G (See <b>-aps/t</b> ) [ <i>haptō</i> ] <i>haptikos</i>	[fasten] able to touch	<b>haptēn</b> , <b>haptic</b>
hemi	G <i>hemi</i>	half	<b>hemibranch</b> , <b>hemichordate</b> , <b>hemisphere</b>
hepar/t	G <i>hepar</i> » <i>hepatos</i>	liver	<b>heparin</b> , <b>hepatic</b> duct, <b>hepatic</b> portal vein, <b>hepatitis</b>
hes/r	L <i>haes haerere</i>	stick	<b>adhesion</b> , <b>adhere</b>

<b>hetero</b>	G <i>heteros</i>	other, different	<b>heterocercal</b> , <b>heterogeneity</b>
<b>hiat</b>	L <i>hirare</i>	gape	<b>hiatus</b> (of diaphragm), sacral <b>hiatus</b>
<b>hipp</b>	G <i>hippos</i>	horse	<b>hippocampus</b> , <b>hippeastrum</b>
<b>hirsut</b>	L <i>hirsutus</i>	hairy, shaggy	<b>hirsutism</b>
<b>hist</b>	G <i>histos</i>	tissue, web	<b>histology</b> , <b>histiocytes</b>
<b>holo</b>	G <i>holos</i>	whole, entire	<b>holocephalic</b> , <b>holonephros</b> , <b>holostei</b> , <b>hologram</b>
<b>homo</b>	G <i>homos homoios</i>	alike, the same	<b>homodont</b> , <b>homology</b> , <b>homeostasis</b> , <b>homogeneous</b>
<b>hormon</b>	G <i>hormao ~ hormon</i>	impel	<b>hormones</b> , <b>hormonal</b>
<b>humer</b>	L <i>humerus</i>	shoulder	<b>humerus</b> , glenohumeral joint
<b>humor</b>	L <i>humor</i>	liquid {body fluid affecting disposition}	aqueous <b>humour</b> , <b>humoral</b> immunity
<b>hyal</b>	G <i>haulos</i>	glass	<b>hyaline</b> cartilage
<b>hydr/o</b>	G <i>hudor &gt; hudro</i>	water	<b>dehydration</b> , <b>hydrogen</b> , <b>hydrophobic</b> , <b>hydrophilic</b>
<b>hylo</b>	G <i>hu</i>	epsilon (υ)	hyoid B, <b>hyoglossus</b> M
<b>hyper</b>	G <i>hyper-</i>	above, over	<b>hyperactive</b> , <b>hypertrophy</b>
<b>hypno</b>	G <i>hupnos</i>	sleep	<b>hypnosis</b> , <b>hypnotherapy</b>
<b>hypo</b>	G <i>hypo-</i> (< cons)	under, beneath	<b>hypoglossal</b> nerve, <b>hypothalamus</b>
<b>hyp</b>	G <i>hyp-</i> (< vowel)	See <b>hypo</b>	<b>hypaxial</b> , <b>hyponychium</b>
<b>hyster</b>	G <i>hustera husterikos</i>	womb {women are hysterical}	<b>hysterectomy</b> , <b>hysterodinia</b> , <b>hysteria</b>

I	Origin	Meaning	Example
<b>-iatric</b>	G <i>iatros</i>	doctor	geriatric, paediatrician
<b>ict</b>	G <i>ikterus ikteros</i>	jaundice	kernicterus, icterus
<b>ictus</b>	L <i>icere</i>	blow, strike	<b>ictus</b>
<b>ichthy</b>	G <i>ichthys &gt; ichthyos</i>	fish	oste <sup>o</sup> <b>ichthys</b>
<b>ili/e</b>	L <i>ilium ileum</i>	ilium (upper bone of pelvis)	iliac M, iliopsoas M, ilium, ileum, gastroileal reflex
<b>in<sup>1</sup></b>	L <i>in-</i>	not, without, lacking	inflammable, indivisible
<b>il</b>	L <i>il-</i> (< l)	See <b>in<sup>1</sup></b>	illicit, illegal
<b>im</b>	L <i>im-</i> (< b, m, p)	See <b>in<sup>1</sup></b>	imbalance, immedicable, immunity, impermeable
<b>ir</b>	L <i>ir-</i> (< r)	See <b>in<sup>1</sup></b>	irreducible, irremediable, irruption
<b>in<sup>2</sup></b>	L <i>in-</i>	in, on, into, towards, within	induce
<b>il</b>	L <i>il-</i> (< l)	See <b>in<sup>2</sup></b>	illuminate, disillusion
<b>im</b>	L <i>im-</i> (< b, m, p)	See <b>in<sup>2</sup></b>	imbibe, imbrue, immigrate, impregnate, implant
<b>ir</b>	L <i>ir-</i> (< r)	See <b>in<sup>2</sup></b>	irradiate, irrigation,
<b>-in</b>	L <i>-ina</i> (F <i>-ine</i> )	organic products, derived substances	melanin, serotonin, fibrin, medicine
<b>index/ic</b>	L <i>index indicis</i>	forefinger, informer, sign {banned books}	extensor indicis M, index finger
<b>ipsi</b>	L <i>ipse</i>	self	ipsilateral
<b>incus</b>	L <i>incus</i>	an anvil	<b>incus</b> (of ear)
<b>ineum</b>	G <i>inan</i>	to excrete	perineum
<b>infra/er</b>	L [ <i>infra-</i> ] <i>inferus</i>	[below, beneath] that is below	infraspinatus M, inferior, depressor labii inferioris M
<b>inguin</b>	L [ <i>inguinalis</i> ] <i>inguen</i>	[of the groin] groin	inguinal canal
<b>inter</b>	L <i>inter-</i>	between, among	intercostal M, interparietal B
<b>intr</b>	L <i>intra-</i>	within, inside	intracellular
<b>iris/d</b>	G <i>iris &gt; iridos</i>	rainbow	iris (of eye), iridescent
<b>isc</b>	G <i>iskho</i>	keep back (stop)	ischaemia
<b>isch</b>	G <i>iskhion</i>	hip (joint)	ischial, ischium
<b>-ism</b>	G <i>-izo &gt; -isma &gt; -ismos</i>	state (condition)	hyperthyroidism
<b>iso</b>	G <i>isos</i>	equal, same	isothermal, isometric, isomer
<b>-itis</b>	G <i>-ites &gt; -itis</i>	inflammatory diseases	gastritis, peritonitis, appendicitis

J	Origin	Meaning	Example
<b>jact</b>	L [ <i>jactare</i> ] □ <i>jactitare</i>	[throw] boast	jactitation (of muscle)
<b>jejun</b>	L <i>jejunus</i>	fasting (empty)	jejunum (usually empty when dissected), jejune
<b>jug/lul</b>	L <i>jug-</i> [ <i>jugum</i> ] • <i>jugulum</i>	join [yoke] collar bone, throat	conjugal, conjugation, jugular vein
<b>junc</b>	L <i>jungere junct-</i>	a joining	junction, conjunctiva, conjunctivitis
<b>juxta</b>	L <i>juxta-</i>	next, near, beside	juxtaglomerular apparatus, juxtapose

K	Origin	Meaning	Example
<b>karyo</b>	G <i>karuon</i>	kernel	eurkaryote, prokaryote, karyokinesis
<b>kel</b>	G <i>khele</i>	claw	keloid
<b>kerat</b>	G (See <b>cerat</b> ) <i>keros keratos</i>	See <b>cerat</b> : horn	keratin, keratinised, keratosis, radial keratotmy (of eye)
<b>keto/n</b>	G <i>aketon</i> (D <i>keton</i> )	See <b>acetabul</b>	ketosis, ketone, ketonuria
<b>kilo</b>	G <i>khilioi</i> (F <i>kilo</i> )	thousand	kilocalorie, kilogram
<b>kinge</b>	G [ <i>kineo</i> ] <i>kinesis</i>	[move] movement	kingesthesia, kinetic energy, kinematics
<b>kymo</b>	G <i>kuma</i>	wave	kymograph
<b>kypho</b>	G <i>kuphos kuphosis</i>	bent	thoracic hyperkyphosis, kyphotic

L	Origin	Meaning	Example
<b>labi/r</b>	L [ <i>labi</i> ] <i>labium</i>	[to fall] lip	labium, labile (of cells), glenoid labrum, labret
<b>labyrinth</b>	G <i>laburinthos</i> (L <i>labyrinthus</i> )	maze	labyrinthodontia
<b>lacer</b>	L <i>lacer &gt; lacerare</i>	torn	foramen lacerum, laceration
<b>lachrim/ym</b>	L [ <i>lacrima</i> ] <i>lacrimare</i>	[tear] weep	lacrymation, nasolacrimal duct, lachrymose
<b>lact</b>	L [ <i>lac lactis</i> ] <i>lactare</i>	[milk] suckle	lactose, lactate, lacteal, lactescence
<b>lacun</b>	L [ <i>lacus</i> ] <i>lacuna</i>	[lake] pool	lacunae
<b>lagen</b>	G <i>lagenos</i>	flask	lagena
<b>lamina/ell</b>	L <i>lamina • lamella</i>	layer, thin plate	lamina terminalis, delaminate, lamellar B
<b>lat</b>	L <i>latus &gt; lateris</i>	side, wide	tensor fascia latae M, lateral, latissimus dorsi M
<b>laten</b>	L <i>latere latent-</i>	be hidden	latent heat, latency
<b>lax</b>	L <i>laxus</i>	loose	relaxed, laxative
<b>lemma</b>	G [ <i>lep -ein</i> ] L <i>lemma</i>	[to peel] sheath, husk	sarcolemma, plasmalemma
<b>lemnisc</b>	G <i>lemniskos</i> (L <i>lemniscus</i> )	ribbon	lateral lemniscus
<b>lens/t</b>	L <i>lens &gt; lentis</i>	a lentil	lens, lentiform nucleus, lentigo
<b>lep</b>	G [ <i>lambano</i> ] <i>leptikos</i>	[take] disposed to take	organoleptic, epilepsy
<b>leuc/k</b>	G <i>leukos</i>	white	leucoma, leukocyte, leukoemia
<b>lev</b>	L <i>levare</i>	to raise	levator labii superioris M, elevate, alleviate
<b>lien</b>	L <i>lien</i> (cf <b>splen</b> )	spleen	lienogastric artery

<b>liga</b>	L	[ <i>ligare</i> ] <i>ligamentum</i>	[bind] bond	<b>ligamentum nuchae, ligand, ligature</b>
<b>limb</b>	L	<i>limbus</i>	edge, border	<b>limbic lobe</b>
<b>ling</b>	L	<i>lingua</i> • <i>lingula</i>	tongue	<b>lingualis M, lingual nerve, sublingual gland, anilingus</b>
<b>lip</b>	G	<i>lipos</i>	fat	<b>lipophagy, bilipid, lipase, liposuction</b>
<b>liss</b>	G	<i>lissos</i>	smooth	<b>lissamphibia</b>
<b>lith</b>	G	<i>lithos</i>	stone	<b>lithosphere, otolith</b>
<b>lordo</b>	G	<i>lordos lordosis</i>	bent backwards	lumbar hypolordosis, lordotic
<b>luci</b>	L	[ <i>lucere</i> ] <i>lucidus</i>	[shine] clear	stratum <b>lucidum</b> , septum pellucidum, <b>lucifer</b>
<b>lumba</b>	L	<i>lumbus</i>	loin	<b>lumbar artery, thoracolumbar fascia, lumbago</b>
<b>lumbr</b>	L	<i>lumbricus</i>	earthworm	<b>lumbrical M</b>
<b>lumen/in</b>	L	<i>lumen luminis</i>	light, an opening	<b>lumen, illuminate, luminescent</b>
<b>lunul</b>	L	<i>luna</i> • <i>lunula</i>	moon	<b>lunate B, lunatic, semilunar valve, lunula (of nail)</b>
<b>lute</b>	L	[ <i>luteum</i> ] <i>luteus</i>	[egg yolk] yellow	corpus <b>luteum, lutein, luteous</b>
<b>lymph</b>	L	<i>lymphā</i>	water	endolymph, <b>lymphocyte, lymphatic system</b>
<b>lys/t</b>	G	[ <i>luo</i> ] <i>luis</i>	[loosen] loosening (break down)	hydrolysis, <b>lysis, lysosome, analysis, hydrolytic</b>

<b>M</b>	<b>Origin</b>	<b>Meaning</b>	<b>Example</b>
<b>macro</b>	G <i>makros</i>	long, large	<b>macromolecule, macrophage</b>
<b>macula</b>	L <i>macula</i>	spot, mesh	<b>macula lutea, immaculate</b>
<b>magn</b>	L <i>magnus</i>	great	foramen <b>magnum, magnify, adductor magnus M</b>
<b>mal</b>	L <i>male</i> (F <i>mal-</i> )	[ill] bad	<b>malfunction, malnutrition, grand mal</b>
<b>malac</b>	G <i>malakos</i>	soft	<b>osteomalacia, chondromalacia patella</b>
<b>mall</b>	L <i>malleus</i>	hammer	<b>mallet, malleus, malleolus</b>
<b>mamm/i</b>	L <i>mamma</i> » <i>mammalis</i> • <i>mamilla</i>	breast	<b>mammalian, mammary glands, mamillary body</b>
<b>mani</b>	G <i>mainomai</i>	be mad	erotomania, <b>manic</b>
<b>manu/br</b>	L [ <i>manus</i> ] <i>manubrium</i>	[hand] handle	<b>manual, manus, manubrium</b>
<b>marsup</b>	L <i>marsupium</i>	purse, pouch	<b>marsupialia, marsupium</b>
<b>mass</b>	G [ <i>maza</i> ] <i>masso</i> (L <i>massa</i> )	[barley-cake] knead (dough)	<b>mass, massage, masseur, masseuse</b>
<b>masseter</b>	G <i>masaomai</i> » <i>maseter</i>	chew	<b>masseter M</b>
<b>mastic</b>	G <i>mastikhao</i> (L <i>masticare</i> )	gnash teeth	<b>mastication, mastic</b>
<b>mast</b>	G <i>mastos</i>	breast	<b>mastoid process, mastectomy, neuromast, mastodon</b>
<b>mast</b>	E [ <i>mete</i> ] D <i>mast</i>	[food (meat)] fattening, feeding	neuromast, <b>mast cell</b>
<b>mater/ri</b>	L <i>mater matris</i> » <i>maternus</i>	mother	<b>maternal, dura mater, pia mater, matriarch</b>
<b>mea</b>	L [ <i>meare</i> ] <i>meatus</i>	[run, flow] passage	permeable, acoustic <b>meatus</b> , external auditory <b>meatus</b>
<b>medi</b>	L <i>medius</i> » <i>medialis</i>	middle	<b>medial, median plane, mediastinum, vastus medialis M</b>
<b>medull</b>	L <i>medulla</i>	marrow	<b>medulla oblongata, renal medulla</b>
<b>mega</b>	G <i>megas</i>	great	<b>megakaryocyte, acromegaly</b>
<b>mei</b>	G <i>meion</i> » <i>meiosis</i>	less	<b>meiosis</b>
<b>melan</b>	G <i>melas</i>	black	<b>melancholy, melanin, melanocytes</b>
<b>men</b>	G <i>mene</i>	moon	<b>menarche</b>
<b>menisc</b>	G • <i>meniskos</i>	crescent	lateral <b>meniscus</b>
<b>mens</b>	L [ <i>mensis</i> ] <i>menstrualis</i>	[month] menstrual	<b>menses, menstruation, premenstrual</b>
<b>mening/x</b>	G <i>menigx</i>	membrane	<b>meninges, meninx, meningitis</b>
<b>mental</b>	L <i>mentum</i>	chin	<b>mental foramen, mentalis M</b>
<b>mer</b>	G <i>meros</i>	a part, share	<b>merocrine glands, polymerase</b>
<b>mes</b>	G <i>mesos</i>	middle	<b>mesencephalon, mesentery, mesoderm, mesonephros</b>
<b>meta</b>	G <i>meta</i>	beside, with, after	<b>metacarpal, metanephros, metatherian</b>
<b>metr</b>	G <i>metra</i>	uterus	<b>endometrium, mesometrium, metroscope</b>
<b>micro</b>	G <i>mikros</i>	small	<b>microscope</b>
<b>mict</b>	L <i>mict- minct- mingere</i>	to make water	<b>micturition, miction</b>
<b>minim</b>	L <i>minimus</i>	smallest, least	<b>minimal, abductor digiti minimi M, adductor minimus M</b>
<b>miss/tt</b>	L <i>mittere miss-</i>	send	rostral <b>commissure</b> (of brain), <b>mittent</b>
<b>mito</b>	G <i>mitos</i>	thread	<b>mitochondria, mitosis, mitotic</b>
<b>mitr</b>	L <i>mitra mitralis</i>	girdle	<b>mitral valve, mitre</b>
<b>mnes/m</b>	G <i>mnemon</i> » <i>mnemoikos</i>	mindful	amnesia, anamnesis, <b>mnemonic</b>
<b>mon</b>	G <i>monos</i>	alone	<b>monarch, monotremata, monospasm</b>
<b>morph</b>	G <i>morphe</i>	shape	elasmobranchiomorphi, <b>morphology</b>
<b>multi</b>	L <i>multus</i>	many	<b>multifidus M, multiple sclerosis, multinuclear</b>
<b>mural</b>	L <i>murus</i> » <i>muralis</i>	wall	intramural ganglion
<b>musc</b>	L <i>mus</i> • <i>musculus</i>	mouse {muscles = little mice under skin}	<b>muscle, muscular, musculoskeletal system</b>
<b>muta</b>	L <i>mutare</i> » <i>mutatio</i>	change	<b>mutation, mutagenic</b>
<b>myel</b>	G <i>myelos</i>	marrow	<b>myelencephalon, myelin, myeloblasts</b>
<b>myo</b>	G <i>mys</i>	muscle	<b>myology, myomere, myotome, myofibril, myotherapist</b>
<b>myl</b>	G <i>myle</i>	millstone, molar	<b>mylohyoid M</b>

<b>N</b>	<b>Origin</b>	<b>Meaning</b>	<b>Example</b>
<b>nano</b>	G <i>nanos</i>	dwarf	<b>nanometre, nanotechnology</b>
<b>nar</b>	L <i>narīs</i> x <i>nares</i>	nostril	<b>narīs, external nares</b>
<b>narco</b>	G <i>narkoo</i>	make numb	<b>narcotic, narcosis, narcolepsy</b>
<b>nasal</b>	L <i>nasus</i>	nose	<b>nasal B, nasalis M</b>
<b>natal</b>	L [ <i>nasci nat-</i> ] <i>natalis</i>	[be born] nation	prenatal development, <b>natal</b>
<b>natri</b>	G [ <i>nitron</i> ] A <i>natrum</i>	[saltpetre] sodium	atrial <b>natriuretic factor, natrium</b> (sodium)
<b>nav</b>	L <i>navis</i> • <i>navicula</i>	ship	<b>navicular B, navy</b>
<b>necro</b>	G <i>nekros</i>	corpse	<b>necrosis, necrotising fasciitis</b>
<b>neo</b>	G <i>neos</i>	new, recent	<b>neoplasm, neopallium</b>
<b>nephr</b>	G <i>nephros</i>	kidney	mesonephros, nephron, protonephridia, <b>nephritis</b>
<b>neur/o</b>	G <i>neuron</i>	tendon, nerve	<b>neurocoele, neuromast, aneurysm, neurophysiology</b>
<b>nex</b>	G <i>neksus</i>	bond	<b>nexus</b>
<b>nict</b>	L <i>nictare</i>	to wink	<b>nictitating membrane</b>
<b>noc/x</b>	L [ <i>noxa</i> ] <i>noxius</i>	[harm] harmful	<b>nociceptors, noxious</b>
<b>noe</b>	G [ <i>noeo</i> ] <i>nous noetos</i>	[understand] intellectual	<b>noetic, nous, anoesis</b>
<b>nom</b>	G [ <i>nemo</i> ] <i>nomos</i>	[arrange, manage] law (govern)	autonomic nervous system, <b>astronomy</b>
<b>nomi</b>	L <i>nomen</i>	name {Roman's second}	innominate artery, innominate B, <b>nominal</b>
<b>noto</b>	G <i>notos</i>	back	<b>notochord</b>
<b>nucle</b>	L <i>nux</i> • <i>nucella</i>	pit, kernel, little nut	<b>nucleus, nucleolus, nuclide</b>
<b>nucha</b>	A [ <i>nuka</i> ] L <i>nucha</i>	[spinal marrow] nape of neck	<b>nuchal crest, ligamentum nuchae</b>

nuŋ	L <i>nullus</i>	none	annulus fibrosus, <b>nullabor</b> , <b>nullipara</b>
nunci	L <i>nuncius</i>	messenger	internuncial neuron, <b>nuncio</b> , <b>renunciate</b>
nutri	L <i>nutrire</i>	nourish	<b>nutrition</b> , <b>nutrient</b>

O	Origin	Meaning	Example
<b>ob</b>	L <i>ob-</i>	against, in the way of	<b>obstruction</b> , <b>obstetrics</b>
<b>oc</b>	L <i>oc-</i> (< c)	See <b>ob</b>	<b>occipital B</b> , <b>occipitalis M</b>
<b>of</b>	L <i>of-</i> (< f)	See <b>ob</b>	<b>offensive</b>
<b>op</b>	L <i>op-</i> (< p)	See <b>ob</b>	<b>opposition</b> , <b>opponens pollicis M</b>
<b>obliqu</b>	L <i>obliquus</i> (F <i>oblique</i> )	slanting, crooked	<b>oblique</b> , <b>obliquus externus abdominis M</b>
<b>oculi</b>	L <i>oculus</i>	eye	bulbus <b>oculi</b> , orbicularis <b>oculi M</b> , <b>monocular</b>
<b>odon</b>	G <i>odont-</i>	tooth	<b>labyrinthodont</b> , <b>thecodont</b> , <b>orthodontist</b> , <b>mastodon</b>
<b>odyn</b>	G <i>odune</i>	pain	<b>coccygodynia</b> , <b>anodyne</b>
<b>edem</b>	G <i>oideo</i> › <i>oidema</i>	swell	<b>oedema</b> , lymph <b>oedemia</b>
<b>eso</b>	G <i>oiso</i>	within?	<b>oesophagus</b>
<b>estr</b>	G <i>oistros</i>	gadfly, frenzy	<b>oestrogen</b> , <b>oestrus</b>
<b>-oid</b>	G [ <i>oideos</i> ] N <i>-oid</i> (> cons)	[of form] resembles	<b>sphenoid</b> , <b>rhomboideus major M</b> , <b>mastoid process</b>
<b>-ploid</b>	G <i>-ploid</i> (> vowel)	See <b>-oid</b>	<b>haploid</b> , <b>polyploid</b>
<b>olfac</b>	L <i>olfacere</i>	to smell	<b>olfactory organ</b>
<b>oliglo</b>	G [ <i>oligos</i> ] <i>oligo</i>	[small] few	<b>oligodendrocytes</b> , <b>oligosaccharide</b> , <b>oligarchy</b>
<b>omlo</b>	G <i>omos</i>	shoulder	<b>metacromion</b> , <b>omohyoid M</b> , <b>omotransversarius</b>
<b>-oma</b>	G [ <i>-oma</i> ] N <i>-oma</i>	[result of verbal action] tumour	<b>lymphoma</b> , <b>carcinoma</b>
<b>oment</b>	L <i>omentum</i>	membrane	greater <b>omentum</b>
<b>oncho</b>	G <i>ogkos</i>	a mass, barb	<b>onchocerciasis</b> , <b>oncology</b> , <b>oncogene</b>
<b>onych</b>	G <i>onux onukh</i>	nail, claw	<b>eponychium</b> , <b>hyponychium</b> , <b>onychophoran</b>
<b>oo</b>	G <i>oon</i>	egg	<b>epoophoron</b> , <b>oogenesis</b> , <b>oocyte</b>
<b>opt</b>	G [ <i>optos</i> ] <i>optikos</i>	[eye] of sight	<b>optic nerve</b> , <b>myopia</b> , <b>myopic</b>
<b>oper</b>	L <i>operire</i>	to cover	<b>operculum</b>
<b>ophthalm</b>	G <i>ophthalmos</i>	eye	<b>ophthalmic nerve</b> , <b>ophthalmologist</b>
<b>opisth</b>	G <i>opisthen</i>	behind	<b>opisthonephros</b> , <b>opisthotic</b>
<b>orb</b>	L <i>orbis</i> • <i>orbiculus</i>	circle	<b>orb</b> , <b>orbicularis oculi M</b> , <b>orbit</b> , <b>orbicularis oris M</b>
<b>orchi</b>	G <i>orchis</i> (L <i>orchido-</i> )	testicle	<b>mesorchium</b> , <b>orchid</b> (shape of root)
<b>organ</b>	G <i>organon</i>	tool	<b>organism</b> , <b>organ</b> , <b>organelle</b>
<b>ortho</b>	G <i>orthos</i>	straight	<b>orthopaedic</b> , <b>orthoptics</b> , <b>orthodox</b>
<b>os/r</b>	L <i>os oris</i>	mouth	<b>ostium</b> (of oviduct), <b>oral</b> , <b>orbicularis oris M</b>
<b>osls</b>	L <i>os</i> › <i>ossis</i> • <i>ossiculum</i>	bone	<b>os coxa</b> , <b>ossicle</b> , <b>ossify</b> , <b>palmar interossei M</b>
<b>-osis</b>	G <i>-osis</i>	process, condition (Pathology: state)	<b>mitosis</b> , <b>necrosis</b> , <b>acidosis</b> , <b>thrombosis</b> , <b>neurosis</b>
<b>osmi</b>	G <i>osme</i>	smell, odour	<b>anosmia</b> , <b>osmic</b>
<b>osmo</b>	G <i>osmos</i>	pushing	<b>osmosis</b> , <b>osmotic</b>
<b>ost</b>	L <i>ostium</i>	door, opening	<b>ostium</b>
<b>ostleo</b>	G <i>osteon</i>	bone	<b>osteichthyes</b> , <b>teleost</b> , <b>osteocyte</b>
<b>ostrac</b>	G <i>ostrakon</i>	shell, potsherd {used as voting ballot}	<b>ostracoderm</b> , <b>ostracise</b>
<b>ot</b>	G <i>otikos</i>	pertaining to the ear	<b>otic capsule</b> , <b>otolith</b> , <b>parotid gland</b> , <b>otoscope</b>
<b>ov</b>	L <i>ovum</i>	egg	<b>ovary</b> , <b>oviduct</b> , <b>oviparous</b> , <b>ovum</b>
<b>oxy</b>	G [ <i>oxus</i> ] F <i>oxygene</i> (< cons)	[sharp] acidic {acidifying principle}	<b>oxygenation</b> , <b>oxygen</b>
<b>ox</b>	G <i>ox-</i> (< vowel)	See <b>oxy</b>	<b>hypoxia</b>

P	Origin	Meaning	Example
<b>palae</b>	G <i>palaaios</i>	ancient	<b>palaeontology</b> , <b>paleopallium</b>
<b>palat</b>	L [ <i>palatium</i> ] <i>palatum</i>	[palace] roof of mouth {emperor's voice}	<b>palate</b> , <b>palatine B</b>
<b>palli</b>	L [ <i>pallium</i> ] <i>palliare</i>	[cloak] to cloak	<b>neopallium</b> , <b>palliative care</b>
<b>palm</b>	L <i>palma</i>	palm (of hand)	<b>palmar</b> , <b>palmaris longus M</b> , <b>palmiped</b>
<b>palplebr</b>	L [ <i>palpare</i> › <i>palpitare</i> ] <i>palpebra</i>	[touch gently] eyelid	<b>palpate</b> , <b>palpitate</b> , <b>levator palpebrae superioris M</b>
<b>pampin</b>	L <i>pampinus</i>	tendrils, vine shoot	<b>pampiniform plexus</b>
<b>pan</b>	G <i>pan</i>	all	<b>pancreas</b> , <b>panpacific</b>
<b>papill</b>	L [ <i>papula</i> ] • <i>papilla</i>	[pimple] nipple	<b>papule</b> , <b>dermal papillae</b> , <b>papilloma</b>
<b>par</b>	L <i>pareo</i> ~ <i>partus</i>	to bring forth	<b>oviparous</b> , <b>parturition</b> , <b>viviparous</b>
<b>par/a</b>	G <i>para</i>	beside	<b>parotid</b> , <b>parallel</b> , <b>paradidymis</b> , <b>parapophysis</b> , <b>paraplegic</b>
<b>pariet</b>	L <i>paries</i> › <i>parietis</i>	wall	<b>parietal peritoneum</b>
<b>patella</b>	G [ <i>patane</i> ] L <i>patina</i> • <i>patella</i>	[a plate] shallow dish	<b>patella B</b> , <b>patellae</b> , <b>patellate</b>
<b>pater/ri</b>	G <i>pater</i>	father	<b>paternal</b> , <b>patriotheria</b> , <b>patriarch</b>
<b>path</b>	G [ <i>pathos</i> ] <i>pathetikos</i>	[suffering] sensitive, liable to suffer	<b>pathology</b> , <b>sympathetic nervous system</b>
<b>pectoral</b>	L <i>pectus pectoris</i>	breast, chest	<b>pectoral girdle</b> , <b>pectoralis major M</b>
<b>pectin</b>	L <i>pecten</i>	comb	<b>pectinate muscles</b> (of heart), <b>pectineus M</b>
<b>ped/s</b>	L <i>ped</i> • <i>pedunculus</i>	foot	<b>bipedal</b> , <b>cerebral peduncle</b> , <b>pedicle</b> , <b>pes anserinus</b>
<b>pell</b>	L <i>pelle pellis</i>	skin	<b>pelt</b> , <b>pellagra</b> , <b>pellicle</b>
<b>pelluls</b>	L <i>pellere puls-</i>	drive, beat {drum made with skin?}	<b>compel</b> , <b>impeller</b> , <b>pulse</b> , <b>pulsimeter</b>
<b>pelvi</b>	L <i>pelvis</i>	basin	<b>pelvic girdle</b> , <b>renal pelvis</b>
<b>peni</b>	L <i>penis</i>	a tail, penis	<b>penis</b> , <b>penile urethra</b>
<b>pend</b>	L <i>pendere</i>	hang	<b>appendage</b> , <b>appendicular</b>
<b>penn/inn</b>	L <i>penna</i>	feather, wing, fin	<b>unipennate</b> (muscles), <b>pinna</b> of external ear
<b>pent</b>	G <i>pente</i>	five	<b>pentose</b> , <b>pentagon</b>
<b>peps/t</b>	G <i>pepsis</i>	digestion	<b>pepsin</b> , <b>peptic ulcer</b> , <b>dyspepsia</b>
<b>per</b>	L <i>per-</i>	through, completely, destroy	<b>semipermeable</b> , <b>perspiration</b>
<b>pel</b>	L <i>pel-</i> (< l)	See <b>per</b>	septum <b>pellucidum</b> , <b>pellucid</b>
<b>peri</b>	G <i>peri-</i>	around, about	<b>perineum</b> , <b>periosteum</b> , <b>peritoneum</b>
<b>perone</b>	G <i>perone</i>	pin, fibula	<b>peroneal nerve</b> , <b>peroneus</b> (fibularis) <b>longus M</b>
<b>petr</b>	G <i>petros</i>	rock	<b>petrify</b> , <b>petrosal B</b> , <b>petrous region</b> (of temporal B)
<b>phas/t</b>	G [ <i>phemi-</i> <i>phan-</i> ] <i>phatos</i>	[speak] speech, spoken	<b>aphasia</b> , <b>phatic</b>
<b>phag</b>	G <i>phagein phag-</i> <i>phagos</i>	eat	<b>phagocyte</b> , <b>sarcophagus</b>
<b>pharyng/x</b>	G <i>pharugx</i> › <i>pharyng-</i> (L <i>pharynx</i> )	pharynx	<b>glossopharyngeal nerve</b> , <b>pharynx</b>
<b>phalang/x</b>	G <i>phalanx</i> › <i>phalngos</i>	a line of soldiers	<b>phalanges</b> , <b>phalanx</b>
<b>phall</b>	G <i>phallus</i>	penis	<b>phallic</b> , <b>phallus</b>
<b>phan</b>	G <i>phaino</i> › <i>-phan</i>	appear	<b>tryptophan</b>
<b>phen</b>	G <i>phaino</i>	shine (illuminative substance), show	<b>phenotype</b> , <b>phenyl</b> , <b>phenomenon</b>
<b>phil</b>	G <i>philos</i>	dear, loving	<b>hydrophilic</b> , <b>philoprogenitive</b>

<b>phim</b>	G	<i>phimosi</i>	muzzling	<b>phimosi</b> , <b>phimotic</b>
<b>phleb</b>	G	<i>phleps phlebos</i>	vein	<b>phlebitis</b>
<b>phlegm</b>	G	<i>phlego</i> › <i>phlegma</i>	burn	<b>phlegm</b> , <b>phlegmatic</b>
<b>phob</b>	G	<i>phobos</i>	fear	<b>hydrophobic</b> , <b>phobia</b>
<b>phon</b>	G	[ <i>phone</i> ] <i>phoneo</i>	[sound, voice] speak	<b>aphonia</b>
<b>phor</b>	G	<i>phoros</i> » <i>pherein</i>	to bear, bring	<b>epoophoron</b> , <b>spermatophore</b> , <b>phosphorous</b>
<b>phragm</b>	G	<i>phragma</i>	fence, partition	<b>diaphragm</b>
<b>phren</b>	G	<i>phren</i>	diaphragm, mind	<b>phrenic nerve</b> , <b>phrenology</b>
<b>phys</b>	G	[ <i>phusis phusike</i> ] <i>physis</i>	[of nature] a growth	<b>physiotherapy</b> , <b>apophysis</b> , <b>epiphyses</b> , <b>hypophysis</b>
<b>phylax</b>	G	[ <i>phulasso</i> ] <i>phulaxis</i>	[guard] guarding	<b>anaphylaxis</b>
<b>pia</b>	L	<i>pia</i>	tender	<b>pia mater</b>
<b>pil</b>	L	<i>pilus</i>	hair	arrector <b>pili</b> M, <b>depilate</b>
<b>pine</b>	L	[ <i>pinus</i> ] <i>pinea</i>	[pine tree] pine cone	<b>pineal gland</b> , <b>pineapple</b>
<b>pino</b>	G	<i>pino</i>	drink	<b>pinocytosis</b>
<b>piri</b>	L	<i>pirum</i>	pear	<b>piriform lobe</b> , <b>piriformis</b> M
<b>pisi</b>	L	<i>pisum</i>	pea	<b>pisiform B</b>
<b>plac</b>	G	<i>plax</i> • <i>plakos</i>	flat plate	<b>placoderm</b> , <b>placoid scale</b>
<b>plant</b>	L	<i>planta</i>	sole of foot	<b>plantaris</b> M, <b>plantigrade</b> , <b>plantar flexion</b>
<b>plas</b>	G	<i>plasis</i>	formation (growth)	<b>hyperplasia</b>
<b>plasm</b>	G	<i>plasso</i> › <i>plasma</i>	to shape	<b>plasma</b> , <b>plasmid</b> , <b>cytoplasm</b>
<b>plast</b>	L	abbr: <i>emplassein</i> ~ <i>emplastos</i>	to daub on	<b>epiplastron</b> , <b>plaster</b> , <b>plastron</b>
<b>-plast</b>	G	<i>plasso</i> › <i>plastikos</i>	mould	<b>angioplasty</b> , <b>rhinoplastic</b>
<b>platly</b>	G	<i>platus platys</i>	flat, broad	<b>platform</b> , <b>platelet</b> , <b>duckbill platypus</b> , <b>platysma</b> M
<b>pleg/c</b>	G	<i>plesso plektron</i>	strike	<b>paraplegia</b> , <b>quadraplegic</b> <b>plectrum</b>
<b>pleur</b>	G	<i>pleura</i>	side (of body), rib	<b>metapleural fold</b> , <b>pleural cavity</b> , <b>pleurisy</b>
<b>plex</b>	L	[ <i>plectere</i> ] ~ <i>plexus</i>	[plait] an interweaving network	brachial <b>plexus</b> , <b>plexer</b>
<b>pneum</b>	G	[ <i>pneo</i> ] <i>pneuma</i>	[breathe] wind	<b>apnoea</b> , <b>pneumothorax</b> , <b>pneumatic</b>
<b>pod</b>	G	<i>pous podos</i>	foot	<b>podiatry</b> , <b>arthropod</b>
<b>poll</b>	L	<i>pollex</i> • <i>pollicis</i>	thumb (sometimes nonhuman's big toe)	abductor <b>pollicis</b> M, <b>pollex</b>
<b>poly</b>	G	[ <i>pollo</i> ] <i>polus</i>	[many] much	<b>polymorphism</b> , <b>polysaccharide</b>
<b>pon</b>	L	<i>pons</i> • <i>pontis</i>	bridge	brachium <b>pontis</b> , <b>pons</b>
<b>poplite</b>	L	<i>poples</i> • <i>poplitis</i>	hollow	<b>popliteal fossa</b> , <b>popliteus</b> M
<b>por</b>	G	<i>poros</i>	passage, pore	sweat <b>pore</b> , <b>porous</b> , <b>osteoporosis</b>
<b>porphyr</b>	G	<i>porphura</i>	purple	<b>porphyria</b> , <b>porphyrin</b>
<b>posit</b>	L	<i>ponere posit-</i>	place	<b>positive</b> , <b>posture</b> , <b>postlude</b> (muscle)
<b>post</b>	L	[ <i>post</i> ] <i>posterus</i>	[after] following	<b>posterior</b> , <b>postorbital process</b>
<b>prax</b>	G	<i>praxia</i>	action	<b>apraxia</b> , <b>echopraxia</b> , <b>parapraxia</b>
<b>pre</b>	L	<i>prae-</i>	before, in front	<b>precaval vein</b> , <b>premaxillary B</b> , <b>prenatal</b>
<b>prep</b>	L	<i>praeputium</i>	the foreskin	<b>prepuce</b>
<b>prim</b>	L	<i>primus</i>	first	<b>primates</b> , <b>primitive</b>
<b>pro</b>	G	<i>pro-</i> (L <i>pro-</i> )	before, in front of, for, on behalf of	<b>pronephros</b> , <b>prosencephalon</b> , <b>protraction</b> , <b>prostate</b>
<b>pron</b>	L	(See <b>pro</b> ) <i>pronus</i>	forwards, bending, leaning forward	<b>pronator teres</b> M, <b>prone</b>
<b>prot</b>	G	<i>protos</i>	first	<b>protonephridium</b> , <b>protoplasm</b> , <b>prototheria</b>
<b>proct</b>	G	<i>proktos</i>	the anus	<b>proctodeum</b> , <b>proctoscope</b>
<b>prop/r</b>	L	<i>proprius</i>	one's own, special	<b>proprioception</b> , <b>propriety</b> , <b>property</b>
<b>pseud</b>	G	[ <i>pseudes</i> ] <i>pseudos</i>	[false] falsehood	<b>pseudobranch</b> , <b>pseudostratified epithelium</b> , <b>pseud</b>
<b>psoa</b>	G	<i>psoa</i>	muscle of loin	<b>psoas major</b> M, <b>iliopsoas</b> M, <b>psoas parvus</b> M
<b>psych</b>	G	<i>psukhe</i>	breath, life, soul	<b>psychogram</b> , <b>psychiatry</b> , <b>psychology</b>
<b>pto</b>	G	<i>pipto</i> › <i>ptosis</i>	fall	renal <b>ptosis</b> , <b>apoptosis</b> , <b>ptotic</b>
<b>pteryg</b>	G	<i>pterygion</i> • <i>pterygos</i>	wing, fin	actinopterygii, <b>metapterygium</b> , <b>pterygoid process</b>
<b>pub</b>	L	<i>puber</i>	young adult	<b>puberty</b> , <b>pubic hair</b> , <b>pubis</b>
<b>pudend</b>	L	[ <i>pudere</i> ] <i>pudendum</i>	[ashamed] external genitals	<b>pudendal artery</b> , <b>pudendum</b>
<b>pulmon</b>	L	<i>pulmo</i> • <i>pulmonis</i>	lung	<b>pulmonary artery</b> , <b>cardiopulmonary resuscitation</b>
<b>pulvin</b>	L	<i>pulvinus</i>	cushion	<b>pulvinar</b>
<b>pylor</b>	G	<i>pylorus</i>	gate keeper	<b>pyloric region of stomach</b> , <b>pylorus</b>
<b>pyo</b>	G	<i>puo-</i> <i>puon</i>	pus	<b>pyocyst</b> , <b>pyorrhoea</b>
<b>pyro</b>	G	<i>pur</i> › <i>puro-</i> (L <i>pyra</i> )	fire	<b>pyrogen</b>

Q	Origin	Meaning	Example
<b>quadr</b>	L [ <i>quadrus</i> ] <i>quadrare</i> ~ <i>quadratus</i>	[square] to make square	<b>quadrate</b> B, <b>quadriceps femoris</b> M, <b>quadriplegia</b>
<b>quali</b>	L <i>quails qualitas qualificare</i>	of what kind, such as	<b>quality</b> , <b>qualification</b>
<b>quant</b>	L <i>quantus quantum</i>	how much	<b>quantity</b> , <b>quantum</b>

R	Origin	Meaning	Example
<b>rad</b>	L <i>radius</i>	staff, spoke, ray	corona <b>radiata</b> , <b>radius</b> , <b>radial</b> , <b>radon</b> , <b>radiology</b>
<b>radic/x</b>	L <i>radix</i> x <i>radices</i>	root	<b>radix</b> (of aorta), <b>radical</b>
<b>ram</b>	L <i>ramus</i>	branch	<b>ramus</b> , <b>ramify</b> , <b>ramification</b>
<b>raph</b>	G [ <i>raphis raphix-</i> ] <i>raphe</i>	[needle] seam	<b>raphe</b> , <b>raphae</b>
<b>re</b>	L <i>re-</i>	backward, again	<b>retractor</b> M, <b>reinfect</b>
<b>rect</b>	L [ <i>rectus</i> ] <i>rectum</i>	[straight] straight	<b>rectangular</b> , <b>rectum</b> , <b>rectus abdominus</b> M, <b>arrector pili</b> M
<b>ren</b>	L <i>renes</i>	kidneys	<b>renal artery</b> , <b>adrenaline</b> , <b>renin</b>
<b>reptil</b>	L <i>reptare</i> ~ <i>reptum</i>	to creep	<b>reptilian</b> , <b>reptile</b>
<b>rest</b>	L <i>restare</i>	remain, stop, stand	cardiac <b>arrest</b> , <b>restive</b>
<b>resti</b>	L <i>restis</i>	rope	<b>restiform body</b>
<b>retin</b>	L <i>rete</i> • <i>reticulum</i>	net, network	<b>rete mirabile</b> , <b>reticular formation</b> , <b>retina</b>
<b>retinacul</b>	L [ <i>retinere</i> ] • <i>retinaculum</i>	[hold back] band, holdfast	extensor <b>retinaculum</b>
<b>retro</b>	L <i>retro</i>	backwards, behind	<b>retroperitoneal</b> , <b>retrogression</b> , <b>retrosternal</b>
<b>ris/or</b>	L [ <i>ridere ris-</i> ] ?	[to laugh] laughter	<b>risible</b> , <b>risorius</b> M
<b>rhoe</b>	G <i>rheo rhoia</i>	flow, flux	diarrhoea, <b>diarrheic</b> , <b>rheology</b>
<b>rheum</b>	G <i>rheuma</i>	stream	<b>rheum</b> , <b>rheumatic fever</b> , <b>rheumatoid arthritis</b>
<b>rhag</b>	G <i>rhegnumi</i>	burst	<b>metrorrhagia</b> , <b>uterine haemorrhage</b>
<b>rhin</b>	G <i>rhis</i> » <i>rhin</i>	nose	<b>rhinal fissure</b> , <b>rhinarium</b> , <b>rhinitis</b> , <b>rhinoceros</b>
<b>rhomb</b>	G <i>rhombus</i>	rhombus (oblique parallelogram)	<b>rhombencephalon</b> , <b>rhomboideus</b> M
<b>rostr</b>	L [ <i>rodere ros-</i> ] <i>rostrum</i>	[gnaw] ship's prow (beak) {trophy room}	<b>rostral</b> , <b>rostrum</b>
<b>rug</b>	L <i>ruga rugare</i>	fold, wrinkle	gastric <b>rugae</b> , <b>corrugator supercilii</b> M, <b>rugose</b>



S	Origin	Meaning	Example
sac/c	L <i>saccus</i> • <i>sacculus</i>	bag	<b>sacculus</b> , sack, air <b>sacs</b> (of lungs)
sacr	L [ <i>sacer sacri</i> ] <i>os sacrum</i>	[holy] sacred bone {soul resides here}	<b>sacral nerve</b> , <b>sacrum</b> , <b>sacrosanct</b> , <b>sarcous</b>
sagitta	L [ <i>sagitta</i> ] <i>sagittarius</i>	[arrow] archer	<b>sagittal plane</b> , <b>sagittarius</b>
salpīng/x	G <i>salpīx</i> <i>salpīgōs</i>	trumpet	meso <b>salpinx</b> , <b>salpingitis</b> , <b>salpingitis</b>
saltat	L <i>salire</i> › <i>saltere</i>	leap	<b>saltatory</b> conduction, <b>saltigrade</b>
sanguin	L <i>sanguis</i> › <i>sanguineus</i>	blood (red)	consanguineous, exsanguination
sapro	G <i>sapros</i>	putrid	<b>saprophyte</b> , <b>saprophagous</b>
sarco	G [ <i>sarx</i> › <i>sarkos</i> ] <i>sarkoo</i>	[flesh] become fleshy	<b>sarcophagus</b> , <b>sarcophagy</b> , <b>sarcomere</b>
sartor	L [ <i>sarcire sart-</i> ] <i>sartor</i>	[to patch] tailor {sits cross-legged}	<b>sartorius M</b> , <b>sartorial</b>
scal	L [ <i>scala</i> ] <i>scandere</i>	[ladder, staircase] climb	<b>scala vestibule</b> , <b>scale</b>
scaph	G <i>skaphe</i>	bowl, boat	<b>scaphoid B</b>
scler	G <i>skleros</i>	hard	<b>sclera</b> (of eyeball), <b>sclerous</b> , arteriosclerosis
scoli	G <i>skolios</i>	bent	<b>scoliosis</b>
scalen	G (See <b>scoli</b> ) <i>skalenos</i>	unequal {▲ shape, 3 unequal sides}	<b>scalene</b> (triangle), <b>scalenus M</b>
scrot	L <i>scrotum</i>	pouch, scrotum	<b>scrotum</b> , <b>scrota</b>
seb	L <i>sebum</i> › <i>sebaceus</i>	tallow (as grease)	<b>sebum</b> , <b>sebaceous gland</b> , <b>seborrhea</b>
sella	L <i>sella</i>	saddle, seat	<b>sella turcica</b>
semen/in	L [ <i>serere</i> ] <i>semen seminus</i>	[to sow] seed, sperm	<b>semen</b> , <b>seminal vesicle</b>
semi	S <i>sami</i> (G <i>hemi-</i> ) (L <i>semi-</i> )	partly, half	<b>semicircular canal</b> , <b>semispinalis M</b> , <b>semitendinosus M</b>
sens	G <i>sentire sens-</i>	feel	<b>sensation</b> , <b>sensory</b>
seps/t	G <i>sepo</i> › <i>sepsis</i>	make rotten	<b>sepsis</b> , antiseptic, <b>septicemia</b>
sept	L <i>septem</i>	seven	<b>septuagenarian</b> , <b>septenate</b>
sept	L [ <i>saepus</i> ] <i>septum</i>	[hedge] enclose	nasal <b>septum</b> , <b>septate</b>
ser	L <i>serum</i> › <i>serosus</i>	whey (of milk)	<b>serological</b> , <b>serous fluid</b> , <b>serum</b>
serr	L <i>serra</i> • <i>serrula</i>	saw	<b>serrated</b> , <b>serratus anterior M</b> , <b>serrulate</b>
sesam	G <i>sesamon sesame</i> (L <i>sesamum</i> )	sesame plant seed	<b>sesamoid B</b> , <b>sesame</b>
sin/ū	L [ <i>sinus</i> ] <i>sinuare</i>	[bosom, recess] to curve	<b>sinus venosus</b> , <b>sinusoid</b> , <b>insinuate</b> , <b>sine wave</b>
sinist	L <i>sinister</i>	left (side)	oculi <b>sinister</b> , <b>sinistral</b> , <b>sinistrorse</b>
sole	L [ <i>solum</i> ] <i>solea</i>	[bottom, pavement, sole] sandal, sill	<b>sole</b> (of foot), <b>soleus M</b>
somat	G <i>soma</i> › <i>somatos</i>	body	<b>soma</b> , <b>somatic nervous system</b> , <b>somatopleure</b> , <b>ribosome</b>
somn	L <i>somnus</i>	sleep	insomnia, <b>somnambulate</b>
sperm	G <i>sperma</i> › <i>spermatos</i>	seed, semen	<b>sperm</b> , <b>spermatid</b> , <b>spermatogonium</b>
sphen	G <i>sphen</i>	wedge	<b>sphenoid B</b>
sphinc/g/x	G <i>sphiggo</i> › <i>sphigx</i> (L <i>sphinx</i> )	bind (draw) tight	<b>sphincter urethrae M</b> , <b>sphinx</b> , <b>sphingid</b>
sphygm	G [ <i>sphuzo</i> ] <i>sphugmos</i>	[to throb] pulse	<b>sphygmograph</b> , <b>sphygmology</b> , <b>sphygmomanometer</b>
spin	L <i>spina</i>	thorn, backbone	<b>spine</b> , erector <b>spinae M</b> , <b>supraspinatus M</b> , <b>spinifex</b>
spir	L <i>spirare</i> › <i>spirant</i>	breathe	<b>respire</b> , <b>inspiration</b>
splanchn	G <i>splagkhna</i> (L <i>splanchnicus</i> )	viscus (organ, entrail)	<b>splanchnic nerve</b> , <b>splanchnopleure</b>
splein	G <i>splen</i> (cf <i>lien</i> )	gloom {spleen = organ responsible}	<b>spleen</b> , <b>splenic</b> , <b>splenitis</b>
splen	G <i>splenion</i>	bandage	<b>splenic B</b> , <b>splenicus capitis M</b>
spondyl	G <i>spondulos</i> (L <i>spondylus</i> )	spine, vertebra	<b>spondylosis</b> , ankylosing <b>spondylitis</b>
squam	L <i>squama</i>	scale, flat	<b>squamate</b> , <b>squamosal B</b> , <b>squamous epithelium</b>
stalsis	G <i>stello</i>	place	<b>peristalsis</b>
stape	L <i>stapes</i>	stirrup	<b>stapedius M</b> , <b>stapes B</b>
staphyl	G <i>staphule</i>	bunch of grapes	<b>staphylococcus</b>
stas/t	G [ <i>sta-</i> ] <i>statos</i>	[set up, stand] stationary	<b>system</b> , homeostasis, haemostasis, <b>stasis</b> , <b>static</b>
sten	G <i>stenos</i>	narrow	<b>stenocardia</b> , <b>stenosis</b>
stern	G <i>sternon</i>	breast, chest	<b>sternbrae</b> , <b>sternocleidomastoideus M</b> , <b>xiphisternal</b>
sthen	G <i>sthenos</i>	strength	myasthenia gravis, <b>calisthenics</b>
stigma	G <i>stigma</i>	a dot, a brand {made with pointer = stick}	<b>stigma</b> , <b>astigmatism</b>
-stit	L <i>sistere stit-</i>	stand	interstitial fluid
stol	G <i>stol-</i>	place	<b>systolic</b> , <b>diastolic</b>
stom	G [ <i>stoma</i> › <i>stomatos</i> ] <i>stomakhos</i>	[mouth] gullet	cyclostomata, <b>stomochord</b> , <b>stomach</b> , <b>colostomy</b>
strat	L <i>stratum</i>	layer	<b>stratum corneum</b> , <b>stratified epithelium</b>
striat	L <i>striare</i> ~ <i>striatus</i>	to make furrows, stripes	corpus <b>striatum</b> , <b>striated muscle</b>
stroma	G <i>stroma</i>	coverlet	<b>stroma</b> , <b>stromatolite</b>
styl	G [ <i>stulos</i> ] L <i>stylos</i>	[column] pillar, stalk (stake)	endostyle, <b>hyostylic</b> , <b>styloid process</b> , <b>styloleak</b>
sub	L <i>sub-</i>	beneath, below, close to, towards	<b>subscapularis M</b> , <b>insubstantial</b>
suc	L <i>suc-</i> (< cons)	See <b>sub</b>	<b>succour</b> , <b>succussion</b> , <b>succinic acid</b>
suf	L <i>suf-</i> (< f)	See <b>sub</b>	<b>suffering</b> , <b>suffocation</b> , <b>suffuse</b>
sug	L <i>sug-</i> (< g)	See <b>sub</b>	<b>suggestive</b>
sup	L <i>sup-</i> (< p)	See <b>sub</b>	<b>suppurate</b> , <b>suppository</b> , <b>support</b>
sur	L <i>sur-</i> (< r)	See <b>sub</b>	<b>surr?</b>
sus	L <i>sus-</i> (< c, p, t)	See <b>sub</b>	<b>susceptible</b> , <b>suspensory</b> , <b>sustenance</b>
sucr	F <i>sucre</i>	sugar	<b>sucrose</b>
sudor	L [ <i>sudor</i> ] <i>sudare</i>	[sweat] perspire	<b>sudoriferous glands</b>
sulc	L <i>sulcare sulcus</i>	furrow	<b>sulcus</b> (of brain), <b>sulcate</b>
supra	L <i>super supra-</i>	above, upon, beyond	<b>superior</b> , <b>superficial</b> , <b>supine</b> , <b>supinate</b> , <b>supraspinatus M</b>
sur	F <i>sur-</i>	See <b>supra</b>	<b>surangular B</b> , <b>surcharge</b> , <b>surrogate</b>
sura	L <i>sura suralis</i>	calf (of leg)	<b>sural</b> , triceps <b>surae M</b> , <b>sural artery</b>
sutur	L [ <i>surere sut-</i> ] <i>sutura</i>	[sew] seam	lambdoidal <b>suture</b> , <b>sutural</b>
syn	G <i>sun</i> › <i>syn-</i>	together, with	<b>synaesthesia</b> , <b>synovial</b> , <b>synchondrosis</b>
sym	G <i>sym-</i> (< b, m, p)	See <b>syn</b>	<b>symbiosis</b> , <b>symmetrical</b> , <b>sympathy</b>

T	Origin	Meaning	Example
tachy	G <i>takhus</i>	swift	<b>tachycardia</b> , <b>tachyphylaxis</b>
tact	L <i>tangere</i> › <i>tactus</i>	touch	<b>tactile sense</b> , <b>tactical</b>
tal	L <i>talus</i>	ankle, heel	<b>talus B</b> , <b>talon</b> , <b>talipes</b>
tapes/t	G <i>tapes</i> • <i>tapetion</i>	carpet	<b>tapestry</b> , <b>tapetum lucidum</b>
tars	G <i>tarsos</i>	flat surface, sole (of foot), rim (of eyelid)	metatarsal B, <b>tarsus</b> , <b>tarsal plate</b> (of eyelid)
tect	L [ <i>tegere tect-</i> ] <i>teitorium</i>	[to cover] roof	optic <b>tegmentum</b> , <b>tectrix</b>
tegument	L (See <b>tect</b> ) › <i>tegmentum</i>	See <b>tect</b>	<b>integumentary system</b> , <b>tegument</b>
tele	G <i>tele</i>	far off, distant	<b>telencephalon</b> , <b>television</b> , <b>teleaesthesia</b> , <b>telegony</b>
tela	L <i>tela</i>	weblike membrane	<b>tela choroidea</b>
telo/e	G <i>telos teleo-</i>	end, complete	<b>telophase</b> , <b>teleology</b> , <b>teleost</b>

<b>temp</b>	L <i>tempus</i> » <i>temporis</i>	time (gray hairs on side of head)	<b>temple</b> (of head), <b>temporal</b> B, <b>temporalis</b> M
<b>ten</b>	L <i>tendere, tentus</i>	to stretch	<b>extend</b> , <b>neoteny</b> , <b>tendon</b> , <b>tensor</b> M, <b>tent</b> , <b>tentorium</b>
<b>teres/t</b>	L <i>teres</i>	round, smooth (cylindrical)	<b>teres</b> major M, ligamentum <b>teres</b> , <b>terete</b>
<b>tert</b>	L <i>tertius</i> » <i>tertiorius</i>	third	peroneus <b>tertius</b> M, <b>tertiary</b>
<b>test</b>	L <i>testis</i>	a witness (originally only adult male)	<b>testify</b> , <b>testicular</b> , <b>testes</b> , <b>testament</b>
<b>tetan</b>	G [ <i>teino</i> ] <i>tetanos</i>	[stretch] muscular spasm	<b>tetanus</b> (of muscles)
<b>thalam</b>	G <i>thalamus</i> (L <i>thalamus</i> )	inner chamber	<b>epithalamus</b> , <b>thalamus</b>
<b>thec</b>	G [ <i>theke</i> ] (L <i>theca</i> )	[case] sheath	<b>theca</b> , <b>intrathecal</b> , <b>thecodont</b>
<b>thel</b>	G <i>thele</i>	teat	<b>endothelium</b> , <b>epithelial</b>
<b>then</b>	G <i>thenar</i>	palm (of hand), sole (of foot)	<b>thenar</b> muscles, <b>athenar</b> muscles, <b>thenad</b>
<b>ther</b>	G <i>ther therion</i>	wild beast	<b>eutherian</b> , <b>prototheria</b>
<b>therap</b>	G <i>therapeia</i> (L <i>therapia</i> )	healing	massage <b>therapist</b> , <b>psychotherapy</b>
<b>therm</b>	G <i>therme, thermos</i>	heat	<b>exothermic</b> , <b>thermometer</b> , <b>hypothermia</b>
<b>thorac/x</b>	G <i>thorax</i> » <i>thorakos</i>	chest	<b>thoracic</b> , <b>thorax</b>
<b>thromb</b>	G <i>thrombos</i>	lump, blood clot	<b>thrombocyte</b> , <b>thrombus</b> , <b>thrombosis</b>
<b>thym</b>	G [ <i>thymon</i> ] <i>thymus</i>	[akin to thyme (herb)] thymus	<b>thymine</b> , <b>thymus</b>
<b>thyr</b>	G <i>thyreos</i>	an oblong shield	<b>thyrohyal</b> M, <b>thyroid</b> cartilage
<b>-tomly</b>	G [ <i>temno</i> ] <i>-tomia</i>	[to cut] cutting	<b>anatomy</b> , <b>appendectomy</b> , <b>subatomic</b>
<b>ton</b>	G <i>tonos</i>	something stretched	<b>peritoneum</b> , <b>tone</b> , <b>tonus</b> , <b>tonicity</b> , <b>hypertonic</b>
<b>tors/t</b>	L [ <i>tor-</i> ] <i>tortus torsio</i>	[twist] crooked	<b>torticollis</b> , <b>torsion</b>
<b>trabecul</b>	L <i>trabs</i> • <i>trabecula</i>	beam, timber	<b>basitrabecular</b> , <b>trabeculae</b> carnae, <b>trabeation</b>
<b>trach</b>	G <i>trakhos</i> <i>trakheia</i> (N <i>trachia</i> )	rough	<b>trachea</b> , <b>trachoma</b> , <b>tracheotomy</b> , <b>trachyte</b>
<b>tract</b>	L <i>trahere</i> ~ <i>tractus</i>	to pull, draw	neuron <b>tract</b> , <b>protractor</b> M, <b>retraction</b>
<b>tran/s</b>	L <i>trans</i>	across, beyond, through	<b>transcend</b> , <b>transverse</b> plane, <b>transversus</b> thoracis M
<b>trapez</b>	G <i>trapeza</i>	table	<b>trapezius</b> M, <b>trapezoid</b> B, <b>trapeze</b>
<b>tremat</b>	G <i>trema</i>	hole	<b>monotremata</b> , <b>pretrematic</b> nerve, <b>trematode</b>
<b>trich</b>	G <i>trikos</i>	hair	<b>trichosiderin</b> , <b>trichosis</b> , <b>trichosthæsia</b>
<b>triquetr</b>	L [ <i>tri</i> ] <i>triquetrus</i>	[three] three-cornered (triangular)	<b>triceps</b> brachii M, <b>tricuspid</b> valve, <b>trigeminal</b> , <b>triquetrum</b> B
<b>troch</b>	G [ <i>trokhos</i> ] <i>trekho</i> » <i>trokhanter</i>	[wheel] to run	greater <b>trochanter</b> (of femur), <b>troche</b>
<b>trochlea</b>	G (See <b>troch</b> ) <i>trokhilia</i> (L <i>trochlea</i> )	pulley	<b>trochlea</b> (of humerus), <b>trochlear</b> nerve
<b>tropic</b>	G [ <i>trepo</i> ] » <i>tropikos</i>	[to turn] a rout (gives weapons etc.)	<b>tropic</b> hormones, <b>tropical</b> , <b>trophy</b>
<b>troph</b>	G [ <i>trephe</i> ] <i>trophe tropheia</i>	[nourish] nourishment	<b>trophoblast</b> , <b>atrophy</b>
<b>trud/s</b>	L <i>trudere</i>	to thrust	<b>detrusor</b> M, <b>protrude</b> , <b>extrusion</b>
<b>tuber</b>	L <i>tuber</i> • <i>tuberculum</i>	hump, bump, lump (swelling)	<b>tuber</b> cinereum, <b>tuberculum</b> (of rib), tibial <b>tuberosity</b>
<b>tunic</b>	L [ <i>tunica</i> ] <i>tunicare</i>	[covering] clothe	<b>tunica</b> albuginea, <b>tunicate</b>
<b>turb/blin</b>	L <i>turbo</i> » <i>turbinis</i>	spinning top, whirlwind	<b>turbo</b> , <b>turbinated</b> B, <b>turbine</b>
<b>tympan</b>	L <i>tympanum</i>	drum	<b>tympanic</b> membrane

U	Origin	Meaning	Example
<b>ultra/er</b>	L [ <i>ultra</i> ] <i>ulterior</i>	[beyond] further, more distant	<b>ultraviolet</b> radiation, <b>ultramicroscopic</b> , <b>ultrasound</b> , <b>ulterior</b>
<b>ultima</b>	L <i>ultima</i>	last	<b>ultima</b> , <b>penultimate</b>
<b>un</b>	E <i>un-</i> (rel L <i>in-</i> ) <i>on-</i>	not, reverse, undone, released	<b>uncertified</b> , <b>uncoordinated</b> , <b>undigested</b>
<b>unci</b>	L <i>uncinus uncinatus</i>	hook	<b>uncinate</b> , <b>unciform</b>
<b>ur</b>	G <i>oura</i>	tail	<b>anura</b> , <b>urochordata</b> , <b>urodele</b>
<b>ur</b>	G <i>ouron</i> (L <i>urina</i> )	urine	<b>urea</b> , <b>ureter</b> , <b>diuretic</b> , <b>urogenital</b> , <b>uræmia</b> <b>ketonuria</b>
<b>utric/ul</b>	L <i>uter</i> • <i>utriculus</i>	leather bag, bottle	<b>utricule</b> , <b>utriculus</b> (of ear)
<b>uter</b>	L <i>uterus</i>	womb	<b>uterus</b> , <b>uterine</b>

V	Origin	Meaning	Example
<b>vacc</b>	L <i>vacca</i> » <i>vaccinus</i>	cow	<b>vaccine</b>
<b>vaglu</b>	L <i>vagus</i>	wandering, undecided	<b>vagrant</b> , <b>vagotomy</b> , <b>vague</b> , <b>vagus</b> nerve
<b>vagin</b>	L <i>vagina</i>	a sheath, scabbard (insert sword)	<b>vagina</b> , <b>vaginal</b> L, processus <b>vaginalis</b>
<b>valen</b>	L <i>valere</i> » <i>valentia</i>	be well, strong	<b>valence</b> shells (of atoms)
<b>vall/lecul</b>	L [ <i>vallis</i> • <i>vallecula</i> ] <i>vallare</i>	[valley] to surround with a rampart	<b>valley</b> , <b>vallate</b> papilla, <b>vallacula</b>
<b>valgus</b>	L <i>valgus</i>	bandy-legged	genu <b>valgus</b> , hallux <b>valgus</b>
<b>varus</b>	L <i>varus</i>	knock-kneed	genu <b>varus</b> , hallux <b>varus</b>
<b>vas\cul</b>	L [ <i>vas</i> ] • <i>vasculum</i>	[vessel] small vessel	<b>vas</b> deferens, <b>vasectomy</b> , <b>vasodilation</b> , <b>avascular</b>
<b>vast</b>	L <i>vastus</i>	large area, immense	<b>vast</b> , <b>vastus</b> lateralis M
<b>vel</b>	L <i>velum</i>	sail, curtain, veil, covering	medullary <b>velum</b>
<b>vent</b>	L <i>ventus</i>	wind	pulmonary <b>ventilation</b> , <b>Ventolin</b>
<b>ventr</b>	L <i>venter ventr-</i> • <i>ventriculus</i>	belly, womb	<b>ventral</b> , <b>ventricle</b> , <b>ventriloquism</b>
<b>ver</b>	L <i>vertere</i>	turn	<b>eversion</b> , <b>invert</b>
<b>vert</b>	L <i>vertex</i>	whirlpool, crown of head	<b>vertical</b> , <b>vertigo</b>
<b>vertebra</b>	L <i>vertebratus</i>	jointed	<b>vertebral</b> column, <b>intervertebral</b> disc, <b>vertebrae</b>
<b>vermicul</b>	L <i>vermis vermiculus</i>	worm (ground cinnabar = brilliant red)	<b>vermicelli</b> , <b>vermiform</b> , <b>vermillion</b> , <b>vermiculate</b>
<b>verruc</b>	L <i>verruca</i>	wart	<b>verruca</b> , <b>verrucous</b>
<b>vesic/ul</b>	L <i>vesica</i> • <i>vesicula</i>	bladder (sac)	<b>vesicle</b> , <b>vesica</b> fellea, <b>vesicular</b> gland
<b>vestibul</b>	L <i>vestibulum</i>	entrance chamber (court), porch	<b>vestibule</b> , <b>vestibulocochlear</b> nerve
<b>vestig</b>	L <i>vestigium</i>	footprint	<b>vestigial</b> appendix, <b>vestige</b>
<b>vibr</b>	L <i>vibrare vibrat-</i>	to agitate (shake), quiver, swing	<b>vibrate</b> , <b>vibrissae</b> , <b>vibrio</b>
<b>vill</b>	L <i>villus</i>	shaggy hair	<b>villus</b> , <b>microvilli</b>
<b>viscler</b>	L [ <i>viscum viscus</i> ] × <i>viscera</i>	[birdlime (sticky)] an entrail, organ	<b>viscosity</b> , <b>viscous</b> , <b>visceral</b> , <b>viscerinhibitory</b>
<b>vita</b>	L <i>vita</i> ~ <i>vitalis</i>	life	<b>vitamin</b> , <b>vitality</b>
<b>vitell</b>	L <i>vitellus</i>	yolk	<b>vitellus</b> , <b>vitelline</b> veins
<b>vittr</b>	L <i>vitrum vitreus</i>	glass	<b>vitreous</b> body (of eye), <b>vitriform</b> , <b>vitriol</b>
<b>viv</b>	L <i>vivre</i>	to live	in <b>vivo</b> , <b>vivisection</b> , <b>viviparous</b>
<b>vomer</b>	L <i>vomer</i>	ploughshare (plough cutting blade)	<b>vomer</b> B
<b>vor</b>	L <i>vorare vorax</i> - <i>vorus</i>	to devour	<b>carnivore</b> , <b>voracious</b> , <b>herbivorous</b>
<b>vulv</b>	L <i>vulva</i>	womb	<b>vulva</b> , <b>vulvitis</b>

W	Origin	Meaning	Example

X	Origin	Meaning	Example

xiph	G <i>xiphos</i>	sword	xiphohumeralis M, xiphisternum, xiphoid process
------	-----------------	-------	---

Z	Origin	Meaning	Example
zyglom	G <i>zugon</i> › <i>zugo-</i> <i>zugoma</i>	yoke (union, pair)	azygous vein, zygapophysis, zygote, zygomatic arch
zym	G <i>zume</i>	leaven (ferment)	enzyme, zymotic, zymase

## Compound Word Roots

Root	Origin	Meaning	Combined Origin	Comb. Meaning	Example
adhes	L <i>ad</i> + <i>haes</i>	to + stick	<i>adhhaesio</i>	to stick	adhesion
adren	L <i>ad</i> + <i>renes</i>	to + kidney	<i>adrenes</i>	toward the kidney	adrenal gland, adrenaline
aneurysm	G <i>an</i> ( <i>ad</i> ) + <i>eurus</i>	change + wide	<i>aneuruno</i>	make wide, widen out	aortic aneurysm
anastomos	G <i>ana</i> + <i>stoma</i>	up + mouth	<i>anastomosis</i>	an opening	subsupracardinal anastomosis
apnoea	G <i>a</i> + <i>pneo</i>	not + breathe	[ <i>apnous</i> ] <i>apnoia</i>	[breathless]	apnoea
append	L <i>ap</i> + <i>pend</i>	from + hang	<i>appendere</i>	hang from	appendage, appendicular, appendix
apopt	G <i>apo</i> + <i>pipto</i>	away from + fall	<i>apoptosis</i>	falling off	apoptosis
apraxia	G <i>a</i> + <i>praxia</i>	not + action	<i>apraxia</i>	inaction	apraxia
arrect	L <i>ar</i> ( <i>ad</i> ) + <i>regere</i>	to + direct	<i>arregere</i>	set up	arrector pili M
asthen	G <i>a</i> + <i>sthene</i> s	not + strong	<i>asthenes</i>	weak	myasthenia gravis, asthenia
atom	G <i>a</i> + <i>tomia</i>	not + cutting	<i>atomos</i> (L <i>atomus</i> )	indivisible	subatomic particle
azyg	G <i>a</i> + <i>zugon</i>	not + yoke	<i>azugos</i>	unyoked	azygous vein
commissur	L <i>com</i> + <i>miss</i>	with + send	<i>commissura</i>	join, entrust (junction)	rostral commissure (of brain)
conjun/g	L <i>con</i> + <i>jung-</i>	together + join	<i>conjungere</i> ~ <i>conjunctus</i>	to join together	conjugal, conjunctiva (of eye)
corrug	L <i>cor</i> + <i>rugare</i>	with + fold	<i>corrugare</i>	wrinkled	corrugator supercillii M, corrugated
decid	L <i>de</i> + <i>caedere</i>	away + fall (cut)	<i>decidere</i>	to fall (cut) off	deciduous placenta, decide
dialys	G <i>dia</i> + <i>juo</i>	through + set free	<i>dialysis</i>	separate	kidney dialysis
diastol	G <i>dia</i> + <i>stello</i>	apart + place	<i>diastello</i>	stand apart	cardiac diastole, diastolic pressure
diur	G <i>dia</i> + <i>ouron</i>	to + urine	<i>dioureo</i>	urinate	diuretic, diuresis
duoden	N <i>duo</i> + <i>deni</i>	2 + 10	<i>duodeni</i>	12 {finger's breadth}	duodenal, duodenum, duodenitis
-ectomy	G <i>ek</i> ( <i>ec</i> ) + <i>tommo</i>	out + cut	<i>ektomie</i>	excision	appendectomy
ejacul	L <i>e</i> ( <i>ex</i> ) + <i>jaculum</i>	to + dart	<i>ejaculari</i>	shoot forth	ejaculation
embol	G <i>em</i> + <i>bolos</i>	inside + clod	<i>embolos</i>	peg, stopper	embolus, embolism
encephal	G <i>en</i> + <i>kephale</i>	in + head	<i>enkephalos</i>	brain	encephalitis, mesencephalon
epiplo	G <i>epi</i> + <i>plo?</i>	above + ?	<i>epiploon</i> <i>epipleein?</i>	to sail, float on	epiploic foramen, epiploon
extrins	L <i>exter</i> + <i>secus</i>	outside + beside	<i>extrinsecus</i>	operate from outside	extrinsic finger flexors (M)
hyolid	G <i>hyo</i> + <i>oeide</i>	upsilon + form of	<i>hyooides</i>	shape of upsilon (υ)	hyoid B, hyoglossus M
impet	L <i>im</i> + <i>petere</i>	within + seek	<i>impetere</i>	assail	impetigo, impetus
infer	L <i>in</i> + <i>ferre</i>	within + bring	<i>inferre</i>	deduce	inference
infundibul	L <i>in</i> + <i>fundere</i>	in + pour	<i>infundere</i> › <i>infundibulum</i>	a funnel	infundibulum of the uterine tube
ischaem	G <i>isko</i> + <i>haima</i>	stop + blood	<i>iskhaimos</i>	lack of blood	ischaemia
mictur	L <i>mict</i> + <i>urina</i>	make water + urine	<i>mingere</i> › <i>micturire</i>	urinate	micturition
obturat	L <i>ob</i> + <i>dura?</i>	against + hard?	<i>obturare</i> ~ <i>obturatus</i>	to close by stopping up	obturator foramen, obturator internus M
occiput	L <i>oc</i> ( <i>ob</i> ) + <i>ciput</i>	towards + head	<i>occiput</i> » <i>occipitis</i>	back of the head	occipital B, occipitalis M
gesophag	G <i>oiso</i> + <i>phagos</i>	within? + eat	<i>oisophagos</i>	the gullet	oesophagus
olecran	G <i>olene</i> + <i>kranion</i>	elbow + head	<i>ole(no)kranon</i>	elbow tip	olecranon process
opponen	L <i>op</i> + <i>ponere</i>	against + place	<i>opponere</i>	opposition	opponens pollicis M
pellucid	L <i>per</i> + <i>lucere</i>	through + shine	<i>perlucere</i> › <i>pellucidis</i>	to shine through	pellucid, septum pellucidum
permea	L <i>per</i> + <i>meare</i>	through + flow	<i>permeare</i>	pass through	permeate, permeable
profund	L <i>pro</i> + <i>fundus</i>	before + bottom	<i>profundus</i>	deep	flexor digitorum profundis M, profound
prostat	G <i>pro</i> + <i>statos</i>	before + standing	<i>prostates</i>	one who stands before	prostate (stands before bladder)
sudorifer	L <i>sudor</i> + <i>fer</i>	sweat + carry	<i>sudorifer</i>	carry sweat	sudoriferous glands
syst	G <i>syn</i> + <i>sta-</i>	together + stand	<i>sustema</i>	stand together (a whole)	organ system, systemic
systol	G <i>syn</i> + <i>stol</i>	together + place	[ <i>stello</i> ] <i>sustello</i> › <i>sustole</i>	[put] to contract	systole, systolic pressure

# Word Root Research

## Simple Word Roots

?	Origin	Meaning	Example
ach	E <i>æce acan</i>	pain?	stomachache, <b>achy</b>
agra	? ?	?	chiragra, podagra, pellagra
aps (apsid?)	G <i>apsis</i> » <i>apsidos</i>	a loop? See <b>-aps?</b>	<b>anapsid</b> skull?, <b>synapse?</b>
aur	L <i>aurum</i>	gold	<b>auric</b> , <b>aurum</b>
auror	L <i>aurora</i>	dawn	<b>aurora</b>
-dgeum?	G <i>hodaïos</i>	on the way	<b>proctodeum</b> , <b>stomodeum</b> , <b>urodeum</b> , <b>coprodeum?</b>
-ia	G ?	Med: condition	<b>insomnia</b> , more? <b>-iac</b> (one with condition)
pann	? ?	rag	<b>pannus</b> (of ear)?
pha	G <i>pha-</i>	mouth?	?
ple	L [ <i>plicare</i> ] <i>plex?</i>	[to fold]	quintuple ( <b>quintuplex?</b> )
pulver	L <i>pulvis pulveris</i>	dust	<b>pulverise</b> , <b>pulverulent</b>
saphen	A [ <i>safin</i> ] L <i>saphena</i>	[vein deep in arm] <b>visible</b> , <b>clear?</b>	great <b>saphenous</b> vein, <b>saphenal</b> nerve
sole	? ?	fish	<b>soleus</b> M
turcic (turc?)	L [ <i>Turcus</i> ] <i>turcicus</i>	[Turk] Turk's hat	sella <b>turcica</b>
vell	L <i>vitulus</i> • <i>vitellus vellum?</i>	wool, fleece	<b>vellus</b> hair, <b>vellum</b>
vernix	L <i>veronix</i>	fragrant, resin (varnish) <b>sandarac?</b>	<b>vernix</b> caseosa
viti	L [ <i>vitis</i> ] <i>vitiligo</i>	[a vine (winding)] <b>tetter?</b> <b>pustule?</b>	<b>vitiligo</b> , <b>vital?</b>

## Compound or Simple Word Roots?

?	Origin	Meaning	Combined Origin	Comb. Meaning	Example
coagul	L <i>co</i> + <i>a</i> + <i>glut?</i>	together + ?	<i>coagulum coagulare</i>	<b>rennet</b> (curdled milk)	<b>coagulant</b> , <b>coagulation</b>
demi	L <i>dis?</i> + <i>medius</i>	from + middle	<i>dimidius dimedius</i>	half	<b>demifacet</b> , <b>demigod</b>
palsy	G <i>para</i> + <i>lys</i>	beside + loosen	<i>paralyse?</i>	?	cerebral <b>palsy</b>
prehend/s	L <i>pre</i> + <i>hendere?</i>	before + hand?	<i>prehendere</i>	to grasp (understand)	<b>comprehend</b> , <b>prehensile</b> , <b>apprehend</b>
quarant	I <i>quarto</i> + ?	four + ?	[ <i>quaranta</i> ] <i>quarantina</i>	[forty] forty days	<b>quarantine</b>