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| Prefix or suffix | Meaning | Examples |
| a- | not, without | atypical |
| ab- | from, away | abnormal |
| ad- | to, toward | dorsal, adhere |
| aero- | air | aerobic |
| amyl- | starch | amylopsin |
| an- | not, without | anhydrous |
| ante- | before, in front of | anterior |
| anti-   (ant) | against, opposed to | antitoxin, anthelmintic |
| aqua- | water | aquatic |
| -ase | designating an enzyme | amylase |
| auto- | self | autosuggestion |
| bi- | two, twice | biceps, bifocal |
| bio- | life | biology |
| -blast- | sprout, germ, bud | blastocyst |
| carcin- | cancer | carcinogen |
| cardi- | heart | cardiologist |
| carn- | meat | carnivorous |
| cerebr- | brain | cerebrospinal |
| chlor- | green | chlorophyll |
| chrom- | color | chromosome |
| -cid-, -cis- | cut, kill, fall | bacteriocidal |
| co- | with, together | cooperate |
| -cyst | bladder | oocyst |
| -cyte, cyto- | cell | cytoplasm |
| -dermic | skin | hypodermic |
| di- | two, double | dichromic |
| dia- | through, between, across | diaphragm |
| dys- | bad, abnormal, difficult | dyspepsia |
| -ectomy | cut out | appendectomy |
| -emia | blood | anemia |
| endo-, em- | in, into | embolism, endoskeleton |
| epi- | upon, above, over | epiglottis |
| erythro-eu- | redtrue, good | erythrocyteeukaryote |
| exo- | out, away from | exoskeleton |
| -gastro- | stomach | pneumogastric |
| -gene- | origin, to begin, birth producing | genetics, glycogen |
| gluc-, glyc- | sugar, sweet | Glycosuria |
| -graph | to write | cardiograph |
| -halo | Salt | halophile |
| hem- | blood | hemorrhage |
| hetero- | different, other | heterozygous |
| homo- | alike, same | homozygous |
| hydr- | water | hydrolytic |
| hyper- | over, more than | hypersecretion |
| hypo- | under, less than | hyposecretion |
| inter- | between, together | intercostal |
| intra- | within, inside | intrathoracic |
| -itis | inflammation | appendicitis |
| -lact- | milk | lactase, prolactin |
| leuco-, leuko- | white | leucocyte |
| -logy | science, knowledge | physiology |
| -lysis, -lytic | dissolve, destroy | hemolysis |
| macro-mal | largebad | macrophagemalady |
| meso- | middle | mesophyll |
| micro- | small | microorganism |
| mono- | one, single | monosaccharide |
| nephr- | kidneys | nephritis |
| neur- | relating to nerves | neurology |
| -ole | small | bronchiole |
| -omaomni | swelling, tumorall | sarcomaomnivore |
| onco- | mass, bulk | oncosphere |
| oo- | egg | oocyst |
| os-, oste-, osteo- | bone | osteology, osteocyte |
| -ose | relating to sugar | glucose, sucrose |
| -osis | condition or process | cyanosis, phagocytosis |
| ovi- | egg | oviducy, ovipositor |
| par-, para | near, by, beside | parathyroid |
| patho- | disease, feeling | pathology |
| -ped, -pod | foot | Pseudopod |
| peri- | around | pericardium |
| phago- | to eat | phagocyte |
| -phil-; -phyl | loving | basophil, eosinophil |
| -phobic | dislike, hating | claustrophobic |
| photo- | light | photosynthesis |
| -plasm- | substance | cytoplasm, plasmolysis |
| poly- | many | polysaccharide |
| post- | after, behind | postganglionic |
| pro- | before, giving rise to | proenzyme |
| pseudo- | false | pseudopod |
| pulmo- | lung | pulmonary |
| -renal | kidney | adrenal |
| -scribe, -script | write | transcription |
| soma-, -some | body | somatic cell, chromosome |
| stat-, -stasis | standing, placed | homeostasis |
| stoma- | mouth | ancylostoma |
| super-  | upper | superposition, superior |
| supra- | upon | suprarenal |
| telo- | end | telophase |
| -tome, -tomy | to cut | tonsillectomy |
| trans- | across | transpiration |
| -trophic | feeding | autotrophic |
| -ule | small | saccule |
| ventr- | belly, underside | ventricle |
| -vor- | devour, eat | carnivore |
| zo- | animal | Zoology |