## INTRODUCTION TO MEDICAL TERMINOLOGY



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## HOW TO BUILD A MEDICAL WORD

It can be very difficult and confusing to understand what medical terminology means. However, the reason that the words are so long is that they are made up of lots of individual building blocks. Once you begin to understand what each of the building blocks mean, it becomes much simpler to understand the whole words.

Medical words have FOUR main components (though not every word has all four):


A prefix goes at the beginning of the word. It modifies the meaning of the word.

The root or stem is the basic medical word.

A combining vowel is used to make the word easier to pronounce. The most common combining vowel is $\mathbf{0}$.

The suffix goes at the end of the word. It is another way of altering the meaning of the word.

It is often easiest to read backwards to find the meaning of the word.

For example:

| POLYNEUROPATHY |  |  |
| :---: | :---: | :---: |
| POLY- | -NEURO- | -PATHY |
| many | nerves | disease |
| 'disease of many nerves' |  |  |


| HEPATOMEGALY |  |  |
| :---: | :---: | :---: |
| HEPAT- | - O- | -MEGALY |
| liver | combining vowel | enlargement |
| 'enlargement of the liver' |  |  |


| ELECTROCARDIOGRAPHY |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ELECTRO- | -CARDI- | $-\mathrm{O}-$ | -GRAPHY |  |
| electricity | heart | combining vowel | recording |  |
| 'recording of the electrical activity of the heart' |  |  |  |  |



## PREFIXES

| PREFIX | MEANING |
| :---: | :---: |
| a- or an- | without |
| ab- | away from |
| acou- | hearing |
| acro- | extremity |
| ad- | towards |
| aero- | air |
| af- | towards/near |
| agora- | open space |
| ambi- | both |
| amblyo- | dim/dull |
| ana- | up, excessive |
| aniso- | unequal |
| ankylo- | crooked/bent |
| ante- | before |
| anti- | against |
| apo- | away from |
| audio- | hearing |
| auto- | self |
| baso- | basic |
| bio- | life |
| blasto- | immature/germ cell |
| brady- | slow |
| cata- | down |
| chemo- | chemical |
| circum- | around |
| co-/con- | together |
| contra- | against |
| cryo- | cold |
| crypto- | hidden |
| de- | away from/reversing |
| dextra- | to the right |
| dia- | through |
| dis- | against/separation |
| disto- | far |
| dorso- | dorsal (back) |
| dys- | difficult/abnormal/painful |
| ec- | out of/away from |
| ecto- | external/without/outside |
| em- | in |
| en-/endo- | within, in, into, inside |
| ent- | within |
| epi- | upon/above/on |
| eu- | well, good, normal |
| ex-/exo- | out of/away from |


| PREFIX | MEANING |
| :---: | :---: |
| extra- | outside |
| fore- | before/in front of |
| gen- | birth or producing |
| haemo- | blood |
| hetero- | different, other |
| homeo-/homo- | like, similar, same |
| hyper- | above, in excess of normal |
| hypo- | below, under, less than normal |
| ichthyo- | dry/scaly |
| idio- | peculiar to the individual |
| in- | in |
| infra- | below |
| inter- | between |
| intra- | within |
| iso- | equal, same |
| juxta- | next to |
| koilo- | spoon |
| kypho- | crooked, humped, rounded |
| latero- | side |
| leavo- | left |
| lepto- | thin, soft |
| lordo- | bent forward |
| macro- | large |
| mal- | bad, abnormal |
| mano- | pressure |
| medi- | middle |
| mega- <br> /megalo- | big, enlarged |
| meso- | middle |
| meta- | beyond |
| mio- | smaller |
| narco- | stupor |
| neo- | new |
| nocto-/nycto- | night |
| oligo- | scanty/deficiency |
| opistho- | backwards |
| ortho- | straight |
| os- | opening, bone |
| pachy- | thick |
| pan- | all |
| para- | alongside, close to, beside |


| PREFIX | MEANING |
| :---: | :---: |
| ped- | foot, child |
| per- | through |
| peri- | around |
| photo- | light |
| post- | after |
| pre-/pro- | before |
| presbyo- | old age |
| proximo- | near |
| pseudo- | false |
| re- | again/back |
| retro- | behind |
| sapro- | dead/decayed |
| sarco- | flesh |
| sclero- | hard |
| scolio- | crooked |
| scota- | darkness |
| sono- | sound |
| squamo- | scaly |
| staphylo- | grapes/cluster |
| steno- | narrow |
| strepto- | chain |
| sub- | below |
| super-/supra- | above |
| syn- | with, union |
| tachy- | fast, rapid |
| tact- | touching |
| trans- | across/through |
| ultra- | beyond |
| uni- | one |
| ventro- | front/anterior |
| xer/o- | dry |

## ROOTS/STEMS

| GENERAL TERMINOLOGY |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| actin | ray/sun |
| adipo | fat |
| albumen | albumin |
| albumin | albumin |
| amyl | starch |
| andr | man |
| antr | antrum |
| append(ic) | appendix |
| aqua | water |
| axill | axilla (armpit) |
| bar | weight |
| blenn | mucus |
| cheil | lip |
| corpor | body |
| culd | recto-uterine sac |
| cyt | cell |
| dacry | tear (duct) |
| dent | tooth |
| derm(at) | skin |
| electr | electricity |
| embol | plug |
| faci | face/surface |
| ferr | iron |
| f(o)et | foetus |
| galact | milk |
| lob | lingiv |


| metro | measure |
| :---: | :---: |
| morph | form, dream |
| $\mathrm{my}(\mathrm{c}(\mathrm{et})$ ) | fungus |
| myxo | mucus membrane |
| narco | deep sleep/stupor |
| natro | sodium |
| necro | death |
| noct | night |
| nucle | nucleus |
| nyct | night |
| odont | tooth |
| onc | tumour |
| onych | nail |
| oro | mouth |
| os | mouth |
| paed | child |
| palat | roof of the mouth |
| path | disease |
| perine | perineum |
| peritone | peritoneum |
| pharmac | drug |
| phon | voice |
| pil | hair |
| polyp | growth from a mucous membrane |
| py | pus |
| pyr | fire, heat, fever |
| sacchar | sugar |
| sarc | flesh |
| ser | serum |
| sin | space, sinus |
| somat | body |
| splanch | viscera/organs |
| steat | fat |
| syring | cavity/tube |
| therm | heat |
| tox(ic) | poison |
| trich | hair |
| troph | nourishment |
| ulcer(at) | ulcer |
| vesic | bladder/vesicle/fluidfilled blister |
| vol | palm |
| zoo | animal |


| CARDIOVASCULAR SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| angi | vessel |
| aort | aorta |
| arteri | artery |
| ather | plaque lining blood <br> vessels |
| atri | atrium |
| cardi | heart |
| coron | heart |
| endocardi | lining of heart |
| haem(at) | blood |
| myocardi | myocardium (heart <br> muscle) |
| pericardi | outer layer of the <br> heart |
| phleb | vein |
| sanguin | blood |
| sphygmo | pulse |
| thrombo | blood clot |
| thrombocyt | platelet |
| valv(ul)o | valve <br> varico |
| vasculo | varicose veins |
| baso | vessel |
| ven | vein |
| ventric(ul)o | ventricle (lower <br> chamber of heart) |


\left.| DIGESTIVE |  |
| :---: | :---: |
| (GASTROINTESTINAL) |  |
| SYSTEM |  |$\right]$| ROOT/STEM | MEANING |
| :---: | :---: |
| abdomin | abdomen/abdominal <br> wall |
| an | anus |
| bili | bile |
| bucc | cheek |
| caec | caecum |
| col(on) | colon |
| cholangi | bile/biliary vessels |
| chole | bile |
| cholecyst | gallbladder |
| choledoch | common bile duct |
| duoden | duodenum (part of <br> intestine) |


| enter | intestine |
| :---: | :---: |
| gastr | stomach |
| hep(at) | liver |
| ile | ileum (part of <br> intestine) |
| jejun | jejunum (part of <br> intestine) |
| lapar | abdomen/abdominal <br> wall |
| oesophag | oesophagus |
| pancreat | pancreas |
| phag | swallow, eat |
| proct | rectum/anus |
| ptyalo | saliva |
| pylor | part of stomach |
| rect | rectum |
| sial | salivary gland |
| sigmoid | part of colon |
| stoma(t) | mouth |


| ENDOCRINE SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| aden | gland |
| adren | adrenal gland |
| endocrin | endocrine <br> (concerning <br> hormones) |
| hypophys | pituitary gland |
| parathyr | parathyroid gland |
| parot | parotid gland |
| prostat | prostate gland |
| thymo | thymus gland |
| thyr | thyroid gland |


| LYMPHATIC SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| aden | gland |
| lymph | lymphatic, lymph |
| lymphaden | lymph gland |
| lymphangl | lymph vessel |
| splen | spleen |


| MUSCULOSKELETAL |  |
| :---: | :---: |
| SYSTEM |  |
| ROOT/STEM | MEANING |
| acetabul | acetabulum (part of <br> the hip) |
| arthr | joint |
| articul | joint |
| brachi | arm |
| burs | bursa |
| carp | wrist |
| cephal | head |
| cervic | neck |
| cheir | hand |
| chondr | cartilage |
| clavicul | clavicle (collar <br> bone) |
| cost | rib |
| coxyg | coccyx |
| crani | cranium |
| dactyl | finger/toe |
| digit | finger/toe |
| disc | disc between <br> vertebrae |
| ossic(ul) | ossicles (ear bones) <br> myo(s) |
| occipit | occipital bone (part <br> of the cranium) |
| femor | part of the cranium |
| fibul | femur |
| front | fibula |
| maront part of |  |
| maranium |  |


| oste | bone |
| :---: | :---: |
| pariet | parietal bone (part <br> of the cranium) |
| patell | patellar (knee cap) |
| ped | foot |
| phalangio | fingers, toes |
| pleuro- | rib |
| podo | foot |
| pollex | thumb |
| pub | pubis |
| pyel | pelvis |
| rachio | spine |
| radio | radiation, radius <br> (arm bone) |
| rhabdomyo | striated muscle |
| sacr | sacrum |
| scapulo | shoulder blade |
| sphenoido | part of the cranium |
| spondyl | vertebra |
| sterno | sternum <br> (breast bone) |
| synovo | synovial |
| tarso | foot |
| temporo | temporal bone |
| ten(din)o | tendon |
| tibio | tibia (main lower <br> leg bone) |
| turbino | bone in the nose <br> (turbinate) |
| ulno | ulna (arm bone) |
| vertebr | vertebra |
| cheek bone |  |
| (zygomatic) |  |


| NERVOUS SYSTEM AND <br> MENTAL HEALTH |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| cerebell | cerebellum (part of <br> the brain) |
| cerebr | brain |
| encephal | brain |
| mening | meninges |
| neur | nerve |
| phren | mind |
| psych(o) | mind |
| radiculo | nerve root |


| REPRODUCTIVE SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| balan | penis |
| cervic | cervix |
| colp | vagina |
| endometri | endometrium (lining <br> of uterus) |
| genit | genital |
| hyster | womb/uterus |
| mamm | breast |
| mast | breast |
| men(o)- | menstruation |
| metro | uterus |
| myometri | myometrium (uterus <br> muscle) |
| oestr | oestrogen |
| oo | egg/ovum |
| oophor | ovary |
| orchi(d) | testicle/testis |
| ovar | ovary |
| pen | penis |
| phall | penis |
| salping | fallopian tube |
| spermato | spermatozoa/semen |
| thelo | nipples |
| tilo | breast |
| uter | uterus (womb) |


| RESPIRATORY SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| alveol | air sac |
| bronch | bronchus |
| bronchiol | bronchiole |
| epiglott | epiglottis |
| laryng | larynx |
| pharyng | pharynx |
| phren | diaphragm |
| pleuro | pleura/side |
| pneumo(no) | air/gas/lung |
| pnoea | breathing |
| pulmon | lung |
| spiro | breath |
| steth | thorax/chest |
| thorac(ic)o | thorax |
| tonsillo | tonsils |


| tracheo | trachea |
| :---: | :---: |
| uvulo | uvula |
| SENSORY ORGANS |  |
| ROOT/STEM | MEANING |
| aur | ear |
| blephar | eyelid |
| choroid | choroid (layer of <br> eye) |
| cor(e) | pupil |
| cycl | ciliary body (of eye) |
| gloss | tongue |
| irid | iris |
| kerat | cornea, skin |
| labyrinth | labyrinth (ear) |
| lingu | tongue |
| myring | eardrum |
| nas | nose |
| ocul | eye |
| ophthalm | eye |
| opt | sight |
| orbit | part of the eye <br> socket |
| ot | ear |
| phako | lens (eye) |
| retin | retina |
| rhin | nose |
| tarso | eyelid |
| tympan | eardrum |
| uveo | uveal tract (part of <br> eye) |
| vestibulo | vestibule of inner <br> ear |


| URINARY SYSTEM |  |
| :---: | :---: |
| ROOT/STEM | MEANING |
| cyst | bladder |
| glomerul | glomerulus (part of <br> kidney) |
| nephr | kidney |
| pyel | kidney |
| ren | kidney |
| ureter | ureter |
| urethr | urethra |
| ur(in)o | urine, urinary <br> organs |

## SUFFIXES

| SUFFIX | MEANING |
| :---: | :---: |
| -a | condition of |
| -ac | concerning/pertaining |
| -aemia | blood |
| aesthesi <br> a | sensibility |
| -al | pertaining to |
| -algia | pain |
| -an | pertaining to |
| -ase | enzyme |
| -ate | a salt |
| -blast | immature cell |
| -cele | swelling/protrusion/herniatio <br> n |
| -chezia | defecation |
| -cide | killing, destroying |
| -clasis | breaking |
| -coccus | round cell, type of bacteria |
| -crine | secrete |
| -cyte | cell |
| -derm | skin |
| -desis | binding together |
| -dipsia | thirst |
| -dynia | pain |
| -ectasis | dilatation (enlargement) |
| -form | having the form/shape of |
| -fuge | expelling |
| -gen | producing/forming/origin |
| -genesis | forming or origin |
| -genic | producing or forming |
| -gogue | increasing flow |
| -gram | a picture |
| -graph | a machine which records |
| -graphy | the procedure of recording |
| -gravid | pregnancy |
| -ia | condition of/state of |
| -iasis | condition of/state of |
| -iatric | pertaining to medicine/treatment |
| -ic | concerning/pertaining to |
| -iosis | condition of/state of |
| -ism | condition of/state of |
| -itis | inflammation of |


| -ive | relating to, belonging to, of the nature of, tending to |
| :---: | :---: |
| -kinesis | movement, activity |
| -lalia | speech |
| -lith | stone |
| -lithesis | slipping |
| -lithiasis | condition of stones |
| SUFFIX | MEANING |
| -malacia | softening |
| -megaly | enlargement |
| -meter | measure |
| -oedema | swelling caused by excess fluid |
| -oid | likeness, resemblance |
| -ology | scientific study of |
| -oma | tumour |
| -opia | condition of the eye |
| -opsia | vision |
| -opsy | looking at |
| -osis | condition of |
| -ous | like, similar to |
| -paresis | weakness |
| -pathy | disease |
| -penia | lack of, decreased |
| -phage | eating/ingesting/swallowing |
| -phagia | eating/ingesting/swallowing |
| -phakia | lens of the eye |
| -phasia | speech |
| -philia | loving, affinity for |
| -phobia | irrational fear of |
| -phylaxis | protection, prevention |
| -plasia | formation |
| -plegia | paralysis |
| -pnoea | breathing |
| -poiesis | making |
| -ptosis | drooping/falling |
| -ptysis | cough |
| rhythmia | rhythm |
| -rrhage | heavy bleeding |
| -rrhagia | condition of heavy bleeding |
| -rrhexis | rupture of |
| -rrhoea | flowing, discharge |
| -sclerosis | hardening |
| -scope | lighted instrument used for examination |


| -somatic | pertaining to the body |
| :---: | :---: |
| -spadia | to draw out |
| -stasis | cessation of movement/flow |


| -stat | an agent to prevent moving or <br> change |
| :---: | :---: |
| -staxis | dripping (blood)/continuous <br> slight loss |


| -stenosis | narrowing |
| :---: | :---: |
| -sthe(a)nia | strength |


| -taxia | co-ordination, order |
| :---: | :---: |
| -tocia | labour/birth |
| -tome | cutting instrument |


| -tripsy | crushing |
| :---: | :---: |
| -triptor | instrument used to crush |
| -trophy | nourishment, food |
| -trop(h)ic | affinity, turning toward |
| -tussis | cough |
| -uria | condition of urine |

## SURGICAL PROCEDURES

| SUFFIX | MEANING |
| :---: | :---: |
| -centesis | puncture, drawing off |
| -cision | cutting |
| -clysis | injection/infusion |
| -ectomy | surgical removal of |
| -lysis | breaking down/splitting |
| -pexy | fixation of |
| -plasty | form, mould, reconstruct |
| -rrhaphy | sewing, repair |
| -scopy | examination with a lighted instrument |
| -stomy | artificial opening into |
| -tomy | to cut into, divide |

## For example:

| ARTHROSCOPY |  |  |
| :---: | :---: | :---: |
| ARTHR- | - O- | -SCOPY |
| joint | combining vowel | examination with a <br> lighted instrument |
| 'examination of the inside of a joint with a lighted instrument' |  |  |


| ORCHIOPEXY |  |  |
| :---: | :---: | :---: |
| ORCHI- | - O- | -PEXY |
| testicles | combining vowel | fixation of |
| 'fixation of an undescended testicle' |  |  |


| TRACHEOSTOMY |  |  |
| :---: | :---: | :---: |
| TRACHE- | - O- | -STOMY |
| trachea | combining vowel | artificial opening |
| 'an artificial opening into the trachea' |  |  |

## CLASSIFICATION OF DISEASES AND ASSOCIATED TERMS

| TERM | MEANING |
| :---: | :---: |
| A |  |
| acquired | occurring after birth |
| acute | of sudden onset |
| aetiology | the scientific study of the cause of disease |
| allergic | hypersensitivity to foreign protein |
| atrophy | wastage or shrinking of an organ |
| B |  |
| benign | not harmful or not invasive |
| C |  |
| chronic | of long, slow duration |
| congenital | present at birth |
| cryptogenic | of doubtful or hidden origin |
| D |  |
| diagnosis | determination of the nature of disease using signs and symptoms |
| differential diagnosis | one of a list of possible diagnoses given the presenting signs and symptoms |
| dystrophy | disorder of an organ or tissue caused by faulty nutrition of the affected part |
| E |  |
| empirical | treatment given based on experience, not on scientific reasoning |
| epidemiology | study of the cause of disease including social factors |
| exacerbate | increase in the severity of symptoms of a disease |
| F |  |
| familial | occurs in families |
| functional | affects the bodily function |
| H |  |
| hypertrophy | increase in the size of tissue or an organ |
| 1 |  |
| iatrogenic | condition caused by a healthcare professional or by medical treatment |
| idiopathic | self-originating - applied to conditions where the cause is not known |
| infective/infectious | disease capable of being spread from one person (or animal) to another |
| M |  |
| malignant | harmful, damaging condition which may worsen |
| metabolic | concerning disorder of basic working (physiology) of the body |


| morbid | abnormal |
| :---: | :---: |
| N |  |
| neoplastic | producing new growths (cancerous) |
| 0 |  |
| organic | structural abnormality demonstrated |
| P |  |
| prognosis | forecast of the probable cause and outcome of a disease |
| S |  |
| sub-clinical | not producing any obvious signs or symptoms |
| syndrome | collection of three or more signs and symptoms which together form a disease |
| systemic | involving the entire body |
| T |  |
| toxic | caused by poison/poisonous |
| traumatic | caused by injury/damage |

## ANATOMICAL PLANES AND POSITIONS

Anatomical positions are used to describe the relative locations of body parts. This helps to ensure precision when talking about the body.

| ANATOMICAL POSITIONS |  |
| :---: | :---: |
| anterior (or ventral) | the front or toward the front |
| posterior (or dorsal) | the back or toward the back |
| superior (or cranial) | the upper section or toward the head |
| inferior (or caudal) | the lower section or toward the tail |
| lateral | the side or toward the side |
| medial | the middle or toward the middle |
| proximal (for limbs) | nearer the point of attachment or the trunk <br> of the body |
| distal (for limbs) | further from the point of attachment or the <br> trunk of the body |
| superficial | closer to the surface of the body |
| deep | further from the surface of the body |



Anatomical planes are imaginary two-dimensional surfaces that pass through the body. They divide the body into sections. Using anatomical planes and sections helps clinicians to interpret scans.

| ANATOMICAL PLANES |  |
| :---: | :---: |
| frontal/coronal | lengthwise (vertically) from side to side, <br> dividing the body into anterior (ventral) and <br> posterior (dorsal) sections |
| horizontal/transverse | divides body horizontally into upper and <br> lower parts, providing images referred to as <br> 'cross-sections' |
| sagittal | lengthwise (vertically from front to back) - a <br> line directly down the middle is referred to as <br> a midsagittal or median plane; a line either <br> side of the middle is called a parasagittal <br> plane or longitudinal section |



Taken from:
https://openstax.org/details/ books/anatomy-andphysiology

## CLINICAL ABBREVIATIONS

| ABBREVIATION | MEANING |
| :---: | :---: |
| $\#$ | fracture |
| - | negative |
| + | positive OR present |
| ++ | present significantly |
| +++ | present in excess |
| $=$ | equivalent to |
| $\sim$ | approximately |
| increasing |  |
| $\uparrow$ | decreasing |
| $\downarrow$ | stable |
| $\leftrightarrow$ | diagnosis |
| $\Delta$ | days |
| $/ 7$ | months |
| $/ 12$ | weeks' gestation |
| $/ 40$ | weeks |
| $/ 52$ | primary |
| $1^{\circ}$ | secondary |
| $2^{\circ}$ | times |
| x | A |
|  | alive and well |
| A\&W | abdominal aortic aneurysm |
| AAA | allow a natural death |
| AAND | abortion |
| ab | ABC |
| abd(o) | aspiration, biopsy, cytology |
| abdomen/abdominal |  |
| ABG | arterial blood gas |
| ABMP | ambulatory blood pressure <br> monitoring |
| AHMP | approved mental health <br> practitioner |
| ABR | auditory brain stem |
| response |  |


| ADHD | attention deficit hyperactivity disorder |
| :---: | :---: |
| ADL | activities of daily living |
| ADT | admissions, discharges and transfers |
| ADV | advocate |
| A/E | air entry into lungs |
| AET/aet | aged |
| AF | artificial feeding OR atrial fibrillation |
| AFP | alpha-feroprotein |
| AGN | acute glomerulonephritis |
| AHF | antihaemophilic factor |
| AHP | allied health professional |
| AI | artificial insemination |
| AIA | allergy induced autism |
| AID | artificial insemination by donor |
| AIDS | acquired immunodeficiency syndrome |
| AIH | artificial insemination by husband |
| ALL | acute lymphocytic leukaemia |
| ALS | amyotrophic lateral sclerosis (MND) |
| AMD | age-related macular degeneration |
| AMHP | approved mental health professional |
| AML | acute myeloid leukaemia |
| AMR | antimicrobial resistance |
| AN | antenatal |
| ANS | autonomic nervous system |
| ant | anterior |
| AP | artificial pneumothorax OR anterior-posterior |
| AP\&L | anterior, posterior and lateral |
| APH | antepartum haemorrhage |
| appt | appointment |
| APT | activated prothrombin time |
| APTT | activated partial thromboplastin time |
| AR | aortic regurgitation OR aortic valve replacement |


| ARB | angiotensin receptor blocker |
| :---: | :---: |
| ARC | AIDS-related complex |
| ARM | artificial rupture of membranes |
| ART | assisted reproductive technology |
| AS | left ear (auris sinister) OR aortic stenosis OR abdominal system |
| ASD | autism spectrum disorder OR atrial septal defect |
| ASHD | arteriosclerotic heart disease |
| ASIS | anterior superior iliac spine |
| ASQ | ages and stages questionnaire |
| Ast | astigmatism |
| AST | aspartate transaminase (cardiac enzyme) |
| ATFL | anterior talofibular ligament |
| ATP | adenosine triphosphate |
| AU/au | both ears (aures unitas) OR each ear (auris uterque) |
| AV | atrioventricular |
| Ax | assessment |
| AXR | abdominal x-ray |
|  | B |
| BaE | barium enema |
| BaM | barium meal |
| BAU | business as usual |
| BBA | born before arrival |
| BBV | blood-borne virus |
| BCC | basal cell carcinoma |
| BCG | bacillus Camille-Guérin (TB vaccine) |
| BESD | behavioural, emotional and social difficulties |
| BF | breastfeeding |
| BFZ | bendroflumethiazide (diuretic medication) |
| BI | bone injury |
| BID | brought in dead |
| BM | bowel movement OR Boehringer Mannheim (blood glucose) |
| BMI | body mass index |
| BNO | bladder neck obstruction OR bowels not opened |
| BO | bowels open |


| BP | bipolar disorder OR blood pressure |
| :---: | :---: |
| BPD | borderline personality disorder OR biparital diameters |
| BPM | beats per minute |
| Br | breech |
| BRCA | breast cancer gene |
| BS | breath sounds OR bilateral salpingectomy OR blood sugar OR bowel sounds |
| BSE | bovine spongiform encephalopathy ('mad cow' disease) |
| BSL | British sign language |
| BSO | bilateral salpingooophorectomy (surgical removal of the Fallopian tubes and ovaries) |
| BUN | blood urea nitrogen |
| BW | birth weight |
| Bx | biopsy |
|  | C |
| (m)C\&S | (micro)culture and sensitivity |
| c/c | chief complaint |
| C/O | complains of |
| C/S | caesarean section |
| C1, C2, etc. | cervical vertebrae |
| C diff | Clostridium difficile |
| Ca | carcinoma OR calcium |
| CA | chronological age OR cancer |
| CAB/C\&B | choose and book |
| CABG | coronary artery bypass graft |
| CABS | coronary artery bypass surgery |
| CAD | coronary artery disease |
| CAPD | continuous ambulatory peritoneal dialysis |
| CAT | computerised axial tomography (type of scan: computerised X-ray of layers of tissue) |
| CAUTI | catheter-associated urinary tract infection |
| CBT | cognitive behavioural therapy |
| CCB | calcium channel blocker |
| CCF | congestive cardiac failure |


| CCG | clinical commissioning group |
| :---: | :---: |
| CCT | controlled cord traction |
| CD or cd or CD | controlled drugs |
| CDH | congenital dislocation of the hip |
| ceph | cephalic |
| CF | cystic fibrosis |
| CFS | chronic fatigue syndrome |
| CHD | coronary heart disease |
| CHF | congestive heart failure |
| CIBH | change in bowel habits |
| CIC | child in care |
| CIN (I-IV) | cervical intra-epithelial neoplasia OR child in need |
| CJD | Creutzfeldt-Jacob disease |
| CKD | chronic kidney disease |
| CLL | chronic lymphocytic leukaemia |
| CMC | carpometacarpal joint |
| CHMN | community mental health nurse |
| CML | chronic myeloid leukaemia |
| CNS | central nervous system OR clinical nurse specialist |
| CO | carbon monoxide |
| $\mathrm{C}^{\circ}$ | Celsius |
| $\mathrm{CO}_{2}$ | carbon dioxide |
| COAD | chronic obstructive airway disease |
| COC(P) | combined oral contraceptive (pill) |
| COHS | controlled ovarian hormone stimulation |
| COLD | chronic obstructive lung disease |
| conts | contractions |
| COPD | chronic obstructive pulmonary disease |
| (n)CoV | (novel) coronavirus |
| CPAP | continuous positive airway pressure |
| CPD | cephalo-pelvic disproportion |
| CPK | creatine phosphokinase (cardiac enzyme) OR care package |
| CPN | community psychiatric nurse |
| CPR | cardiopulmonary resuscitation |
| CPT | carpal tunnel syndrome |


| CQC | Care Quality Commission |
| :---: | :---: |
| CQUIN | commissioning for quality and innovation |
| Cr | creatinine |
| CRL | crown rump length |
| CROM | clinician reported outcome measure |
| CRP | C-reactive protein (indicates presence of inflammation within the body) |
| CRT | capillary refill time |
| CSF | cerebrospinal fluid |
| CSp | cervical spine |
| CSU | catheter specimen of urine |
| CT | coronary thrombosis OR computerised tomography |
| CTG | cardiotocograph |
| СТО | community or compulsory treatment order |
| CTPA | computer tomography pulmonary angiogram |
| CVA | cerebrovascular accident (stroke) OR costo-vertebral angle |
| CVC | cyclic(al) vomiting syndrome |
| CVD | cardiovascular disease |
| CVP | central venous pressure |
| CVS | chorionic villus sampling (to detect foetal abnormalities) OR cardiovascular system |
| Cx | cervix |
| CXR | chest x-ray |
|  | D |
| D | diopter (lens strength) |
| D\&C | dilatation and curettage (scraping out of womb) |
| D\&V | diarrhoea and vomiting |
| d/c | discharge |
| D/W | discussed with |
| D2A | discharged to assess |
| DAMA | discharged against medical advice |
| db | decibel (measure of volume) |
| DBP | diastolic blood pressure |
| DBT | dialectical behaviour therapy |
| DC | day case |
| DCIS | ductal carcinoma in situ (type of breast cancer) |

$\left.\left.\begin{array}{|c|c|}\hline \text { DD } & \text { delayed discharges } \\ \hline \text { Dec } & \text { deceased }\end{array} \right\rvert\, \begin{array}{c}\text { dual energy x-ray } \\ \text { absorptiometry (bone } \\ \text { density scan) }\end{array}\right]$

$\left.$| ECT | electroconvulsive therapy |
| :---: | :---: |
| ECV | external cephalic version |
| ED | erectile dysfunction OR <br> emergency department OR <br> eating disorder |
| EDC | expected date of <br> confinement |
| EDD | expected date of delivery OR <br> expected date of discharge |
| EEG | electroencephalogram |\(\left|\begin{array}{c}estimated glomerular <br>


filtration rate\end{array}\right|\)| emergency hormonal |
| :---: | :---: |
| contraception | \right\rvert\,


| ETP | electronic transmission of prescriptions |
| :---: | :---: |
| EUA | examination under anaesthetic |
| EVS | external ventricular drain |
|  | F |
| FAROM | full active range of movement |
| FAS | foetal abnormality or alcohol syndrome |
| FAST | focused assessment with sonography in trauma |
| FB | foreign body OR finger breadth OR fasting blood |
| FBC | full blood count |
| FBG | fasting blood glucose |
| FBS | fasting blood sugar (to determine diabetes mellitus or low blood sugars) OR foetal blood sampling |
| FDIU | foetal death in utero |
| Fe | iron |
| $\mathrm{FEV}_{1}$ | forced expiration volume (small number shows timed interval in seconds) |
| FFP | frozen fresh plasma |
| FGC | female genital cutting |
| FGM | female genital mutilation |
| FH | family history OR foetal heart OR familial hypercholesterolaemia |
| FHH | foetal heart heard |
| FHHR | foetal heart heard and regular |
| FHNH | foetal heart not heard |
| $\mathrm{FiO}_{2}$ | fraction of inspired oxygen |
| FMF | foetal movement felt |
| FMRI | functional magnetic resonance imaging |
| FMS | fine motor skills |
| FNA | fine needle aspiration |
| FNE | fibre optic nasal endoscopy |
| FOOSH | fall on outstretched hand |
| FPROM | full passive range of movement |
| FROM | full range of movement |
| FSE | foetal scalp electrode |
| FSH | follicle stimulating hormone |
| FTND | full term normal delivery |


| FU | follow up |
| :---: | :---: |
| FUO | fever of unknown origin |
| FVC | forced vital capacity |
| FWB | fully weight bearing |
| FY (1/2) | foundation year (1/2) doctor |
| G |  |
| G\&A | gas and air |
| G\&S | blood group and save |
| G\&X match | blood group and cross match |
| GA | general anaesthesia |
| GAD | general anxiety disorder |
| GCA | giant cell arteritis |
| GCS | Glasgow Coma Scale |
| GH | growth hormone |
| GHJ | glenohumeral joint |
| $\mathrm{GI}(\mathrm{T})$ | gastrointestinal tract |
| GIRFT | getting it right first time |
| GIFT | gamete intra-fallopian transplantation |
| GMS | gross motor skills |
| GOK | God only knows |
| GORD | gastro-oesphageal reflux disease |
| GOT | glutamicoxalo-acetic transaminase (cardiac enzyme) |
| GP | General practitioner OR gutta parcha (root canal filling) |
| GPI | general paralysis of the insane |
| GTT | glucose tolerance test (to diagnose diabetes mellitus) |
| GU | genitourinary OR gastric ulcer |
| GUM | genitourinary medicine |
| GUS | genitourinary system |
| GUT | genitourinary tract |
| GVHD | graft vs. host disease (in transplants) |
| H |  |
| H/O | history of |
| $\mathrm{H}_{2} \mathrm{O}$ | water |
| HAI | hospital-acquired or healthcare-associated infection |
| Hb | haemoglobin |


| $\mathrm{HbA}_{1}, \mathrm{HBA}_{1}$ or $\mathrm{HbA}_{1} \mathrm{C}$ | blood test for diabetes mellitus |
| :---: | :---: |
| HBL | horizontal bone loss OR horizontal beam lateral |
| HC | head circumference |
| HCG | human chorionic gonadotrophic hormone |
| HCl | hydrochloric acid |
| HCM | hypertrophic (obstructive) cardiomyopathy |
| HCP | healthcare professional |
| HCT | haematocrit |
| HCTZ | hydrochlorothiazide (high blood pressure medication) |
| HD | Huntington's disease OR high definition OR heloma durum (hard corn on the foot) |
| HDL | high-density lipoprotein |
| HE | healthy eating OR higher education |
| Hep A | hepatitis A viral infection (waterborne) |
| Hep B | hepatitis B viral infection (bodily fluids) |
| Hep C | hepatitis C viral infection |
| HETF | home enteral tube feeding |
| HF | heart failure |
| Hg | mercury |
| HI | hypodermic injection OR hearing impairment OR head injury |
| HIB | haemophilus influenzae bacillus - immunisation for babies |
| HIV | human immunodeficiency virus |
| HM | hand movement |
| HMR | hospital medical record |
| HNPU | has not passed urine |
| HoCM | hypertrophic (obstructive) cardiomyopathy |
| Hp | helicobacter pylori |
| HPC | history of present complaint |
| HPL | human placental lactogen |
| HPU | has passed urine |
| HPV | human papilloma virus |
| HR | human resources OR hallux rigidus |


| HR(/P) | heart rate(/pulse) |
| :---: | :---: |
| HRT | hormone replacement therapy |
| hrs | hours |
| HS | heart sounds |
| HSV | herpes simplex virus |
| ht | height |
| HTN | hypertension |
| HUS | haemolytic uraemic syndrome |
| HVGD | host vs. graft disease |
| HVS | high vaginal swab |
| Hx | history |
|  | I |
| I\&C | incision and curettage |
| IBD | inflammatory bowel disease |
| IBS | irritable bowel syndrome |
| IDDM | insulin-dependent diabetes mellitus |
| IDVA | independent domestic violence advisor |
| IF | interstitial fluid |
| Ig | immunoglobulin |
| $\lg A$ | immunoglobulin (gamma) A |
| $\lg$ BF | immunoglobulin (gamma) binding factor |
| $\lg$ D | immunoglobulin (gamma) D |
| $\lg E$ | immunoglobulin (gamma) E |
| IgG | immunoglobulin (gamma) G |
| IgM | immunoglobulin (gamma) M |
| IGT | impaired glucose tolerance |
| IGTN | in-growing toenail |
| IM | intermetatarsal OR intramuscular |
| IMB | inter-menstrual bleeding |
| IMCA | independent mental capacity advocate |
| INR | international normalised ratio (prothrombin time) |
| IOFB | intraocular foreign body |
| IOL | induction of labour |
| IOP | intraocular pressure |
| IP | inpatient |
| IP\&C | infection prevention and control |
| IPJ | interphalangeal joint |
| IPPB | intermittent positive pressure breathing |


| IPPV | intermittent positive pressure ventilation |
| :---: | :---: |
| IPV | inactivated polio virus/vaccine |
| IQ | intelligence quotient |
| ISQ | in status quo (no change) |
| ITB | iliotibial band |
| IUC | idiopathic ulcerative colitis |
| IUCD | intra-uterine contraceptive device |
| IUD | intra-uterine device OR intra-uterine death |
| IUFB | intra-uterine foreign body |
| IUGR | intra-uterine growth restriction |
| IUI | intra-uterine insemination |
| IUC | intravenous system |
| IVC | intravenous cholangiography OR inferior vena cava |
| IVDU | intravenous drug user |
| IVF | in-vitro fertilisation |
| IVI | intravenous infusion |
| IVP | intravenous pyelogram |
| IVT | intravenous transfusion |
| IVU | intravenous urogram |
| Ix | investigations |
|  | J |
| JVP | jugular venous pressure |
|  | K |
| K | potassium |
| KUB | kidney, ureter and bladder (X-ray) |
|  | L |
| L\&D | light and dark OR labour and delivery |
| L1, L2 etc. | lumbar vertebrae |
| LA | local anaesthetic OR left atrium OR local authority |
| LAC | looked-after children |
| LASIK | laser in situ keratomileusia |
| LBC | liquid-based cytology |
| LCL | lateral collateral ligament |
| LCP | Liverpool Care Pathway |
| LCS | left convergent squint (eye turns inward) |
| LD | learning disability OR lactate dehydrogenase (cardiac enzyme) OR lethal dose |


| LDL | Iow density lipoprotein |
| :---: | :---: |
| LDS | left divergent squint (eye turns outwards) |
| LFD | late for dates |
| LFT | liver function tests |
| LGA | large for gestational age |
| LH | luteinising hormone |
| LIF | left iliac fossa |
| LIH | left inguinal hernia |
| LL | lower limb |
| LLQ | left lower quadrant |
| LMP | last menstrual period |
| LN | lymph node |
| LOA | left occipito anterior (position of fetus in uterus) |
| LOC | loss of consciousness |
| LOL | left occipito lateral (position of fetus in uterus) |
| LOP | left occipito posterior (position of fetus in uterus) |
| LOS | length of stay |
| LOT | left occipito transverse (position of fetus in uterus) |
| LP | lumbar puncture |
| LRTI | lower respiratory tract infection |
| LSA | left sacro anterior |
| LSCS | lower segment caesarean section |
| LSL | left sacro lateral |
| LSP | left sacro posterior |
| LSp | lumbar spine |
| LTC | long-term condition |
| LTH | luteotropic hormone (prolactin) |
| LUQ | left upper quadrant |
| LV | left ventricle |
| LVDD | left ventricular diastolic dysfunction |
| LVSD | left ventricular systolic dysfunction |
|  | M |
| MA | mental age |
| MAOI | monoamine oxidase inhibitor (antidepressant) |
| MC | metacarpal |
| MC\&S | microscopy, culture and sensitivity |


| MCH | mean corpuscular haemoglobin |
| :---: | :---: |
| MCHC | mean corpuscular haemoglobin concentration |
| MCL | medial collateral ligament |
| MCP(J) | metacarpophalangeal joint |
| MCV | mean corpuscular volume (size of cell) |
| MDA | multi-disciplinary assessment |
| MDT | multidisciplinary team OR multi-drug therapy |
| ME | myalgic encephalomyelitis |
| Mec st | meconium staining |
| MEOWS | modified early obstetric warning score |
| MET/S | metastases |
| MEWS | modified early warning score |
| MFFD | medically fit for discharge |
| Mg | magnesium |
| $\mathrm{MgSO}_{4}$ | magnesium sulphate |
| MH | mental health |
| MI | myocardial infarction OR mitral incompetence |
| MMH | maternal mental health |
| mmHg | millimetres of mercury |
| MMR | measles, mumps, rubella (vaccine) |
| MND | motor neurone disease |
| MOF | multi-organ failure |
| MRI | magnetic resonance imaging |
| MROP | manual removal of placenta |
| MRSA | multiple-/methicillinresistant Staphylococcus aureus |
| MS | multiple sclerosis OR mitral stenosis |
| MSE | mental state examination |
| MSH | melanocyte-stimulating hormone |
| MSK | musculoskeletal |
| MST | multi-systemic therapy |
| MSU | mid-stream specimen of urine |
| MT | metatarsal |
| MTP(J) | metatarsophalangeal joint |


| MTX | methotrexate (chemotherapy/immune suppressant drug) |
| :---: | :---: |
| MUA | manipulation under anaesthetic |
| MUR | medicines use review |
| MUS | medically unexplained symptoms |
|  | N |
| N\&V | nausea and vomiting |
| N/A | not applicable |
| N/K | not known |
| N/T | not tested |
| Na | sodium |
| NAD | no abnormality detected/demonstrated |
| NAI | non-accidental injury |
| NASH | non-alcoholic steatohepatitis |
| NBFD | Neville Barnes forceps delivery |
| NBI | no bone injury |
| NBM | nil by mouth |
| NBS | newborn blood spot |
| ND | normal delivery |
| NDI | nephrogenic diabetes insipidus |
| NE | never event |
| NEWS | national early warning score |
| NFR | not for resuscitation |
| NG | new growth OR nasogastric |
| NGT | nasogastric tube |
| NHL | non-Hodgkins lymphoma |
| NHS No. | NHS number |
| NIDDM | non-insulin dependent diabetes mellitus |
| nmol | nanomoles |
| NMR | nuclear magnetic resonance |
| NND | neonatal death |
| NOAD | no other abnormality detected |
| NOF(F) | neck of femur (fracture) |
| NOK | next of kin |
| NP | new patient OR nurse practitioner |
| NPO | nil per oral |
| NPU | not passed urine |
| NRT | nicotine replacement therapy |


| NSAID | non-steroidal antiinflammatory drug |
| :---: | :---: |
| NSCLC | non-small cell lung carcinoma |
| NSTEMI | non-ST elevation myocardial infarction |
| NTDs | neural tube defects (of the brain, meninges or spinal cord; e.g. spina bifida) |
| NT-proBNB | blood test for heart failure |
| NVD | normal vaginal delivery |
| NWB | non-weightbearing |
| 0 |  |
| $\mathrm{O}_{2}$ | oxygen |
| O/A | on arrival/admission |
| o/e | on examination |
| OA | osteoarthritis OR on arrival/admission |
| OATs | out of area treatments |
| obs | observations OR obstetrics |
| OCD | obsessive-compulsive disorder |
| OD | oculus dexter (right eye) |
| O(/)E | on examination |
| OGD | oesophago-gastroduodenoscopy |
| OGTT | oral glucose tolerance test |
| OM | otitis media OR osteomyelitis OR onychomycosis |
| ONTR | orders not to resuscitate |
| OOH | out of hours |
| OOHC | out of hours care |
| OP | outpatient OR original pack |
| OPATT | outpatient attendance |
| OPROC | outpatient procedure |
| ORD | oesophageal reflux disease |
| ORIF | open reduction and internal fixation (of fracture) |
| OS/os | oculus sinister (left eye) |
| OTC | over the counter |
| OU/ou | oculus uterque (each eye) |
| P |  |
| P | pharmacy only drugs OR pulse |
| P\&N | pins and needles |
| $\mathrm{p} / \mathrm{c}$ | presenting complaint |
| PACS | Picture Archiving and Communication System OR |


|  | partial anterior circulation stroke |
| :---: | :---: |
| PAD | peripheral arterial disease |
| PAP | Papanicolaou smear (cervical smear) |
| PAR | patient at risk |
| PAT | paroxysmal atrial tachycardia |
| PBI | protein-bound iodine |
| PC | primary care |
| PCB | post-coital bleeding |
| PCl | percutaneous coronary intervention |
| PCL | posterior cruciate ligament |
| PCO | patient complains of OR polycystic ovaries |
| PCOS | polycystic ovarian syndrome |
| PCP | Pneumocystis carinii pneumonia |
| PCV | packed cell volume |
| PD | Parkinson's disease OR past due OR posterior distal |
| PDA | patient decision aid |
| PDT | photodynamic therapy |
| PE | pulmonary embolism |
| PEEP | positive end expiratory pressure |
| PEFR | peak expiratory flow rate |
| PEMD | people with enduring mental disorder |
| PERLA/PERRLA | pupils equal (round), react to light and accommodation |
| PET | pre-eclamptic toxaemia OR position emission tomography (type of scan) |
| PEWS | paediatric early warning score |
| PF | peak flow |
| PFJ | patellofemoral joint |
| PGD | patient group direction |
| PGE 2 | prostaglandin |
| PGP | pelvic girdle pain |
| PH | past history |
| pH | acid/alkaline balance |
| PI | peripheral iridotomy |
| PID | pelvic inflammatory disease OR prolapsed inter-vertebral disc |


| PIH | pregnancy-induced hypertension |
| :---: | :---: |
| PII | personally identifiable information |
| PIP(J) | proximal interphalangeal joint |
| PLCV | procedures of limited clinical value |
| plt | platelets |
| PM | postmortem |
| PMB | post-menopausal bleeding |
| PMH (or PHx) | past medical history |
| PMS | pre-menstrual syndrome |
| PN | postnatal |
| PND | post-nasal drip OR paroxysmal nocturnal dyspnoea OR postnatal depression |
| PNH | paroxysmal nocturnal haemoglobinuria |
| PO | per oral |
| POCT | point of care testing |
| POD | pouch of Douglas |
| POM or POM | prescription-only medication |
| POP | plaster of Paris OR progesterone only pill OR persistent occipito posterior |
| PP | placenta praevia OR private patient |
| PPH | postpartum haemorrhage |
| PPI | proton pump inhibitor |
| PRK | photo-refractive keratotomy |
| PRN | as required |
| PPROM | preterm premature rupture of membranes |
| PROM | premature (or pre-labour or prolonged) rupture of membranes OR patientrelated outcome measure |
| PSA | prostatic-specific antigen (test for prostate cancer) OR psoriatic arthritis |
| PSIS | posterior superior iliac spine |
| pt/PT | physiotherapy OR patient OR posterior tibial |
| PTCA | percutaneous transluminal coronary angioplasty |
| PTH | parathyroid hormone |
| PTL | patient tracking list |


| PTSD | post-traumatic stress disorder |
| :---: | :---: |
| PTT | prothrombin test time OR partial thromboplastin time |
| PU | passed urine OR peptic ulcer OR pressure ulcer |
| PUO | pyrexia of unknown origin |
| PVC | premature ventricular contraction |
| PVD | pulmonary vascular disease <br> OR peripheral vascular disease |
| PVS | persistent vegetative state |
| PYLL | potential years of life lost |
|  | Q |
| QALY | quality-adjusted life year |
| QoL | quality of life |
|  | R |
| RA | rheumatoid arthritis OR right atrium OR risk <br> assessment OR right auricle |
| RAG | red, amber, green assessment rating |
| RAI | radioactive iodine |
| RAIU | radioactive iodine uptake |
| RAIT | rapid assessment, interface and discharge |
| RAT | rapid assessment and treatment |
| RBC | red blood cell/count |
| RCL | radial collateral ligament |
| RCS | right convergent squint (eye turns inwards) |
| RD | respiratory disease |
| RDS | respiratory distress syndrome OR right divergent squint (eye turns outwards) |
| REM | rapid eye movement |
| resp | respiration |
| RFT | respiratory function test OR renal function test |
| RGP/RP | retrograde pyelogram |
| Rh | rhesus |
| RIF | right iliac fossa |
| RIH | right inguinal hernia |
| RIS | radiology information system |
| RLQ | right lower quadrant |
| RN | registered nurse |


| RNLD | learning disability nurse |
| :---: | :---: |
| ROA | right occipito anterior (position of fetus in uterus) |
| ROL | right occipito lateral (position of fetus in uterus) |
| ROM | range of movement |
| ROP | right occipito posterior (position of fetus in uterus) |
| ROSC | return of spontaneous circulation |
| ROT | right occipito transverse (position of fetus in uterus) |
| RR | respiratory rate |
| RRR | recovery, rehabilitation and reablement |
| RS | respiratory system |
| RSI | repetitive strain injury OR rapid sequence induction |
| RSV | respiratory syncytial virus |
| RT | radiation therapy |
| RTA | road traffic accident OR renal tubular acidosis |
| RTC | road traffic collision/crash |
| RTT | referral to treatment |
| RUQ | right upper quadrant |
| RV | right ventricle |
| RVS | respiratory virus syndrome |
| Rx | treatment |
|  | S |
| SA | sarcoma |
| SAD | seasonal affective disorder |
| SADS | sudden adult death syndrome |
| SAH | subarachnoid haemorrhage |
| SAMS | stabilise and make safe |
| SARS | sudden acute respiratory syndrome |
| SAS | staff grade/associate specialist doctor |
| S/B | seen by |
| SB | stillbirth |
| SBG | serum blood glucose |
| SBP | systolic blood pressure |
| SC | sine correctione (without corrective spectacles) OR secondary care OR social care |
| SCAN | suspected child abuse or neglect |


| SCC | squamous cell carcinoma |
| :---: | :---: |
| Sch C/S | scheduled lower segment caesarean section |
| Sch LSCS | scheduled lower segment caesarean section |
| SCJ | sternoclavicular joint |
| SCLC | small cell lung cancer |
| SCR | serious case review OR summary care record |
| SEN | special educational needs |
| SFD | small for dates |
| SGA | small for gestational age |
| SGOT | serum glutamic oxaloacetic transaminase (liver enzyme) |
| SGPT | serum glutamic pyruvic transaminase (liver enzyme) |
| SH | social history |
| SI | standard units OR sexual intercourse OR serious incident |
| SIDS | sudden infant death syndrome |
| SIRI | serious incident requiring investigation |
| SkXR | skull x-ray |
| SLE | systemic lupus erythematosus |
| SLR | straight leg raising |
| SLS | social and life skills |
| SMI | school medical inspection |
| SMR | submucosal resection |
| SOB | shortness of breath OR stools for occult blood |
| SOL | space-occupying lesion |
| SOM | supervisor of midwives |
| SOP | standard operating procedure |
| SPC | specialist palliative care |
| SPD | symphisis pubic dysfunction |
| SpLD | specific learning disability |
| $\mathrm{SpO}_{2}$ | oxygen saturation |
| SpR | specialist registrar |
| SR | sinus rhythm |
| SROM | spontaneous rupture of membranes |
| SSRI | selective serotonin reuptake inhibitor |
| STD | sexually transmitted disease |


| STEMI | ST-elevation myocardial infarction |
| :---: | :---: |
| STI | sexually transmitted infection OR soft tissue injury |
| SUDC | sudden unexpected death in childhood |
| SUDEP | sudden unexpected death in epilepsy |
| SUSARS | suspected unexpected serious adverse reactions |
| SVD | spontaneous vaginal/vertex delivery |
| Sx | surgery OR suction OR symptoms and signs |
|  | T |
| T | temperature OR tumour |
| T- | decreased intra-ocular pressure |
| T+ | increased intra-ocular pressure |
| T1, T2, etc. | thoracic vertebrae OR tumour sizes |
| T3 | triiodothyronine (thyroid hormone) |
| T4 | serum thyroxine test for thyroid disease |
| T\&A | tonsillectomy and adenoidectomy |
| TAH | total abdominal hysterectomy |
| TATT | tired all the time |
| TAVI | transcatheter aortic valve implantation |
| TB | tuberculosis |
| TBA | to be arranged |
| TC | transitional care OR total cholesterol OR tertiary care |
| TCA | to come again OR tricyclic antidepressant |
| TCI | to come in |
| TCRE | transcervical resection of the endometrium |
| Td | low-dose diphtheria vaccine |
| Tel No | telephone number |
| temp | temperature |
| TENS | transcutaneous electrical nerve stimulation |
| TFT | thyroid function test |


| THA | total hip arthroplasty |
| :---: | :---: |
| THR | total hip replacement |
| THREAD | no thyroid, rheumatoid arthritis, epilepsy, asthma or diabetes |
| TIA | transient ischaemic attack |
| TIBC | total iron-binding capacity |
| TKA | total knee arthroplasty |
| TKR | total knee replacement |
| TLC | tender loving care OR total lung capacity |
| TLE | temporal lobe epilepsy |
| TM | tympanic membrane |
| TMJ | temporomandibular joint |
| TMR | transmyocardial revascularisation |
| TNM | tumour nodes metastases |
| TOE | trans-oesophageal echocardiography |
| TOF | Tetralogy of Fallot OR tracheoesophageal fistula |
| tomo | tomogram |
| (m/s)TOP | (medical/surgical) termination of pregnancy |
| TPHA | Treponema pallidum haemagglutination assay (blood test for syphilis) |
| TPN | total parenteral nutrition |
| TPR | temperature, pulse and respiration |
| TS | Tourette's syndrome |
| TSH | thyroid-stimulating hormone |
| TShR | total shoulder replacement |
| TSp | thoracic spine |
| TSS | toxic shock syndrome |
| TT | triple test |
| TTA | to take away |
| TTI | transfusion-transmitted infection |
| TTO | to take out |
| TTOM | to take out medicine |
| TUP | tubal uterine pregnancy |
| TUR | transurethral resection |
| TURB | transurethral resection of bladder |
| TURBT | transurethral resection of bladder tumour |
| TURP | transurethral resection of the prostate |


| TV | tidal volume OR <br> Trichomonas vaginalis (vaginal infection) OR tissue viability |
| :---: | :---: |
| TVH | total vaginal hysterectomy |
| TWR | two-week referral |
| TWW | two-week wait |
| Tx | therapy OR treatment |
| U |  |
| U\&E | urea and electrolytes |
| UA | urinanalysis |
| UC | ulcerative colitis |
| UCL | ulnar collateral ligament |
| UGI | upper gastrointestinal |
| UL | upper limb |
| UPLD | upper limb disorder |
| urg C/S | urgent lower segment caesarean section |
| urg LSCS | urgent lower segment <br> caesarean section |
| UR(T)I | upper respiratory (tract) infection |
| USG | ultrasonography |
| USS | ultrasound scan |
| UTA | unable to attend |
| UTI | urinary tract infection |
| UV | ultraviolet (light) |
| V |  |
| VA | visual acuity (clarity or accuracy of vision) |
| VAS | visual analogue scale (used for pain) |
| VBG | venous blood gas |
| VC | vital capacity of lungs |
| vCJD | variant Creutzfeldt-Jacob disease |
| VCU(G) | voiding cystourethrogram |
| VD | venereal disease |
| VE | vaginal examination OR ventricular ectopic |
| VF | visual field OR ventricular fibrillation |
| VI | virgo intacto (virgin) OR visual impairment |
| vit K | vitamin K |
| VLDL | very low-density lipoprotein |
| VPC | ventricular premature complex |
| VS | vital signs |


| VVs | varicose veins OR vulva and <br> vagina |
| :---: | :---: |
| VSD | ventricular septal defect |
| VT | ventricular tachycardia |
| VTE | venous thromboembolism |
| Vx | vertex (the crown of the <br> head of the fetus) |
| WBC | W |

## ABBREVIATIONS FOR HOSPITAL

 DEPARTMENTS, CLINICS, AND SERVICES| ABBREVIATION | MEANING |
| :---: | :---: |
| A |  |
| A\&E | accident and emergency |
| AAU | acute assessment unit |
| ACAD | ambulatory care and diagnostic unit |
| ACC | ambulatory care centre |
| ACS | adult care services |
| ACU | ambulatory care unit |
| AEC | ambulatory emergency care |
| AIC | adult intensive care unit |
| AMU | acute medical unit OR alongside midwifery unit |
| ANC | antenatal clinic |
| APC | alcohol problems clinic |
| ASU | acute stroke unit |
| B |  |
| BRC | biomedical research centre |
| BRU | biomedical research unit |
| C |  |
| CAC | children assessment centre |
| CAMHS (LD) | child and adolescent mental health services (learning disability) |
| CARU | clinical audit and research unit |
| CAS | clinical assessment service |
| CAU | child and adolescent unit OR clinical assessment unit |
| CCG | clinical commissioning group |
| CCORT | critical care outreach team |
| CCU | coronary care unit OR critical care unit |


| CDU | clinical decision unit |
| :---: | :---: |
| ChYPS | children and young persons' service |
| CIW | clinical investigation ward |
| CLAD | corporate learning and development |
| CMHT | community mental health team |
| CoE | care of the elderly OR care of older people |
| CSSD | central sterile services department |
| CSSU | children's short stay unit |
| CSU | clinical service unit OR commissioning support unit |
| D |  |
| DAT | drug action team |
| DAAT | drug and alcohol action team |
| DART | drug and alcohol response team |
| DGH | district general hospital |
| DID | diagnostic imaging department |
| DME | department of medicine for the elderly |
| DSU | day surgery unit |
| DTC | diagnosis and treatment centre |
| E |  |
| EAU | emergency assessment/ admissions unit |
| ED | emergency department |
| ENT | ear, nose, and throat |
| EOC | elective orthopaedic centre |
| EPAU | early pregnancy assessment unit |
| EP(A)C | early pregnancy (assessment) clinic |


| ERAS | enhanced recovery <br> after surgery |
| :---: | :---: |
| F |  |
| FMC | foetal medicine clinic |
| FPC | family planning clinic |
| FT | Foundation Trust |
| GIC | Gender identity clinic |
| GUM | genitourinary medicine |
| H |  |


|  | specialties/suite |
| :---: | :---: |
| MET | medical education team |
| MIU | minor injuries unit |
| MLU | midwife-led unit |
| MSK | musculoskeletal |
| MTC | major trauma centre |
| N |  |
| NCCU | neurosciences critical care unit |
| NICU | neonatal intensive care unit |
| NNU | neonatal unit |
| NRU | neurorehabilitation unit |
| 0 |  |
| O\&G | obstetrics and gynaecology |
| OD | operating department |
| ODIL | organisational development and improvement learning |
| OMFS | oral and maxillofacial surgery |
| OPD | outpatient department |
| P |  |
| PACU | post-anaesthesia care unit |
| PALS | patient advice and liaison service |
| PAR | post-anaesthesia recovery |
| PAU | paediatric assessment unit |
| PDU | paediatric day unit |
| PGMC | postgraduate medical centre |
| PHEM | pre-hospital emergency medicine |
| PICU | psychiatric OR paediatric intensive care unit |
| PIMHS | Perinatal/parent and infant mental health service |
| PLC | pigmented lesion clinic |
| PNC | postnatal clinic |
| POAC | pre-operative assessment clinic |


| PPU | private patient unit |
| :---: | :---: |
| PSD | patient services <br> department |
| PTS | patient transport <br> service |
|  |  |


| R\&D | research and <br> development |
| :---: | :---: |
| RAFA | rapid access frailty <br> assessment |
| S |  |
| SAMU | stand-alone midwifery <br> unit |


| S(A)LT | speech (and) language <br> therapy |
| :---: | :---: |
| SAU | surgical assessment or <br> admission unit |


| SCBU | special care baby unit |
| :---: | :---: |
| SDEC | same day emergency care |
| SDU | sterilisation disinfection <br> unit |


| SEAU | surgical emergency <br> assessment unit |
| :---: | :---: |


| SSPAU | short stay paediatric assessment unit |
| :---: | :---: |
| SSSU | short stay surgical unit |
| T |  |
| T\&D | training and development |
| T\&O | trauma and orthopaedics |
| U |  |
| UCC | urgent care centre |
| UEC(C) | urgent and emergency care centre |
| UTC | urgent treatment centre |
| V |  |
| VIU | vascular imaging unit |
| W |  |
| WIC | walk-in centre |
|  | Y |


| YPU | young people's unit |
| :--- | :--- |

## PHARMACY/PRESCRIBING ABBREVIATIONS

| ABBREV | LATIN MEANING | ENGLISH <br> MEANING |
| :---: | :---: | :---: |
| $\mu \mathrm{mole}$ |  | micromole |
| A |  |  |
| aa | ana | equal amount |
| AAA |  | apply to affected area |
| ac | ante cibum | before food |
| ad lib | ad libitum | as much as desired; freely |
| alt die | alt die | alternate days |
| alt noct. | alt nocte | alternate nights |
| am | ante meridiem | morning |
| amp. |  | ampule |
| amt |  | amount |
| aq | aqua | water |
| ATC |  | around the clock |
| B |  |  |
| bd/bid | bis die | twice daily |
| bib | bibe | drink |
| bucc. | bucca | inside cheek |
| C |  |  |
| c. | cum | with |
| $\mathrm{cc} / \mathrm{cm}^{3}$ |  | cubic centimetre |
| cap. |  | capsule |
| cm |  | cream |
| D |  |  |
| DAW |  | dispense as written |
| d.c. or d/c |  | discontinue |
| dil. |  | dilute |
| disp. |  | dispense |
| dL |  | decilitre |
| DR |  | delayed release |
| E |  |  |
| EC |  | enteric-coated |
| EOD |  | every other day |
| ex.aq. | ex aquain | water |


| ER/XR |  | extended release |
| :---: | :---: | :---: |
| et | et | and |
| F |  |  |
| f/c |  | film-coated |
| f., ft. | fiat | make, let it be made |
| fl. |  | fluid |
| FXD | X = roman numeral for 10 | for 10 days |
| G |  |  |
| g, gm |  | gram |
| gal |  | gallon |
| gr. |  | grain |
| gtt | gutta | drops |
| H |  |  |
| h, hr, hor |  | hour |
| hn | hac nocte | tonight |
| h.s. | hora somni | at bedtime |
| 1 |  |  |
| ia |  | intra-articular |
| id |  | intradermal |
| im |  | intramuscular |
| in |  | intranasal |
| inf |  | infusion |
| inh |  | by inhalation |
| inj |  | injection |
| IR |  | immediate release |
| it |  | intrathecal <br> (spinal cord) |
| IU or U |  | international unit |
| iv |  | intravenous |
| L |  |  |
| L |  | litre |
| lb | libra | pound |
| liq. |  | liquid |
| lot. |  | lotion |
| M |  |  |
| m |  | metre |
| mcg |  | microgram |
| mdu | more dicta utendus | as directed |
| mg |  | milligram |


| $\mathrm{ml}(\mathrm{s})$ |  | millilitre(s) |
| :---: | :---: | :---: |
| mmol |  | millimole |
| $\mathrm{m} / \mathrm{r}$ |  | modified release |
| $\mathrm{mu} / \mathrm{min}$ |  | milliunits per minute |
| N |  |  |
| neb. |  | nebuliser |
| nocte | nocte | at night |
| NP | nomen proprium | proper name |
| 0 |  |  |
| occ. or oc. |  | for the eyes |
| od | omni die | once daily |
| ODT |  | oral disintegrating tablet |
| oint. |  | ointment |
| om | omni mane | every morning |
| on | omni nocte | every night |
| oz |  | ounce |
| P |  |  |
| pa | parti affectae | to the affected part |
| pc | post cibum | after food |
| PCA |  | patientcontrolled analgesia |
| pessary |  | for the vagina |
| pm | post meridiem | evening; after noon |
| po | per os | orally |
| poc |  | for the eyes |
| pr | per rectum | via the rectum |
| prn | pro re nata | when required |
| pt |  | pint |
| pv | per vaginam | via the vagina |
| Q |  |  |
| q (number) | quaque | every; per |
| q4h |  | every 4 hours |
| qad/qod | quaque alternis die | every other day |
| qam | quaque anti meridiem | every morning |
| qds/qid | quarter die sumendum | four times daily |
| qhs | quaque hora somni | every day at bedtime |


| qpm | quaque post meridiem | every evening; every day after noon |
| :---: | :---: | :---: |
| qqh | quarter quaque hora | every 4 hours |
| qs | quantum sufficiat | a sufficient quantity |
| qt |  | quart |
| qty. |  | quantity |
| qw. |  | every week |
| R |  |  |
| R/^ | recipe | take |
| rep. | repititur | let it be repeated |
| S |  |  |
| s. | sine | without |
| s/c |  | sugar-coated |
| sc, sq, subq |  | subcutaneous |
| sig. | signa | write; label |
| sl |  | sublingually (under the tongue) |
| sol. |  | solution |
| sos | si opus sit | if necessary (one dose only) |
| stat. | statim | at once |
| supp(os). |  | suppository |
| susp. |  | suspension |
| syr. |  | syrup |
| T |  |  |
| tab. |  | tablet |
| TAD |  | take as directed |
| tbsp |  | tablespoon |
| tds/tid | ter die sumendum | three times daily |
| tinct. | tincture | tincture |
| top. |  | topical |
| troch. | trochisci | lozenge |
| tsp |  | teaspoon |
| U |  |  |
| ud/ut/dict | ut dictum | as directed |
| ung. | unguentum | ointment |
| V |  |  |
| vap. | vapore | vapour |
| W |  |  |
| W. |  | with |


| w/f |  | with food; <br> with meals |
| :---: | :--- | :---: |

## MEDICAL SPECIALTIES AND TITLES

Doctors are able to apply to specialty training upon finishing the Foundation Programme. The specialty they choose determines which particular areas of medical expertise they will pursue during their careers. The length of training varies between specialties, from 3 to 8 years. Once they have completed specialist training, doctors are then able to become consultants.

| MEDICAL SPECIALTY | TITLE | WHAT DOES IT INVOLVE? |
| :---: | :---: | :---: |
| Acute internal medicine (AIM) | AIM physician | Caring for patients with conditions that have developed quickly and may be lifethreatening |
| Allergy | Allergist | Diagnosing and treating allergic disorders |
| Anaesthetics | Anaesthetist | Administration of anaesthetics |
| Audiovestibular medicine (AVM) | Audiovestibular physician | Looking after patients with hearing, balance and communication disorders |
| Cardiology | Cardiologist | Diagnosing and treating conditions of the heart and blood vessels |
| Cardiothoracic surgery | Cardiothoracic surgeon | Operating on the heart, lungs, and other thoracic organs |
| Chemical pathology | Chemical pathologist | Using biochemical lab tests to diagnose disease and manage patients |
| Clinical genetics | Clinical geneticist | Diagnosing and managing families with genetic disorders |
| Clinical neurophysiology | Clinical neurophysiologist | Investigating and diagnosing nervous system disorders |
| Clinical oncology | Clinical oncologist | The radiological treatment of cancer |
| Clinical pharmacology and therapeutics (CPT) | Clinical pharmacologist | The science of medicines and their clinical use |
| Dermatology | Dermatologist | Diagnosing and treating skin conditions |
| Emergency medicine (EM) | Emergency physician | Immediate assessment and treatment of patients with serious and life-threatening illness and injuries |
| Endocrinology (and diabetes) | Endocrinologist | Concerning the endocrine system (glands which produce hormones) |
| Gastroenterology | Gastroenterologist | Diagnosing and treating digestive system diseases |
| General internal medicine (GIM) | GIM physician | Managing patients with a wide range of acute and long-term medical conditions and symptoms |
| General practice | General practitioner (GP) | Treat common medical conditions and refer patients to secondary (hospital) care |
| General surgery | General surgeon | Operating on a wide range of body parts; subspecialties include transplant surgery and upper and lower GI surgery |


| Genitourinary medicine (GUM) | Genitourinary physician | Managing the urinary system and male reproductive system |
| :---: | :---: | :---: |
| Geriatrics (also Medicine for the Elderly, Care of the Elderly, Complex Medicine) | Geriatrician | Diagnosing and treating disorders in elderly people |
| Gynaecology | Gynaecologist | Managing diseases specific to women |
| Haematology | Haematologist | Diagnosing and managing blood and bone marrow disorders |
| Histopathology | Histopathologist | Diagnosing and studying disease through interpreting cell and tissue samples |
| Immunology | Immunologist | Studying and treating the immune system |
| Infectious diseases | Infectious diseases physician | Diagnosing and treating infections |
| Intensive care medicine (ICM) or critical care medicine (CCM) | Intensivist, intensive care physician | Treating patients with, at risk of, or recovering from organ failure |
| Interventional radiology | Interventional radiologist | Performing minimally-invasive procedures using medical imaging guidance |
| Medical oncology | Medical oncologist | The non-radiological treatment of cancer |
| Medical microbiology and virology (MMV) | Medical microbiologist and virologist | Diagnosis, treatment, and prevention of infection |
| Nephrology (renal medicine) | Nephrologist | Diagnosing and treating disorders of the kidneys |
| Neurology | Neurologist | Diagnosing and treating nervous system disorders |
| Neurosurgery | Neurosurgeon | Operating on the nervous system |
| Nuclear medicine | Nuclear medicine physician | Using radioactive substances to examine the physiological processes of disease |
| Obstetrics | Obstetrician | Caring for pregnant people and their unborn children (especially those at high risk) |
| Occupational medicine or occupational health | Occupational medicine or health physician | Diagnosis, management and prevention of disease caused or exacerbated by workplaces |
| Ophthalmology | Ophthalmologist | The medical and surgical treatment of the eyes |
| Oral and maxillofacial surgery (OMFS) | OMFS surgeon | Operating on the mouth, jaws, face, and neck |
| Orthopaedics (and trauma) (T\&O) | Orthopaedic surgeon | Operating on the musculoskeletal system |
| Oto(rhino) laryngology (ENT) | ENT surgeon, oto(rhino)laryngologist | Operating on the head and neck (especially the ear, nose, and throat) |
| Paediatric cardiology | Paediatric cardiologist | Looking after heart conditions before birth and throughout childhood |
| Paediatrics | Paediatrician | Caring for children |


| Palliative medicine | Palliative medicine physician | Caring for patients with incurable conditions |
| :---: | :---: | :---: |
| Physician | Physician | Caring for medical (as opposed to surgical) conditions |
| Plastic surgery | Plastic surgeon | Performing aesthetic surgery and reconstructive surgery after illness or trauma |
| Psychiatry | Psychiatrist | Diagnosing and treating mental illness specialist include children and adolescents, forensic, intellectual disability and old age |
| Public health | Public health doctor | Finding ways of making communities healthier |
| Radiology | Radiologist | Using images to diagnose and treat disease |
| Rehabilitation medicine or physiatry | Rehabilitation medicine physician/physiatrist | Assessing and treating individuals with complex disabling conditions |
| Respiratory medicine | Respiratory physician | Diagnosing and treating conditions affecting the nose, throat (pharynx), larynx, trachea, lungs, and diaphragm |
| Rheumatology | Rheumatologist | Diagnosing and treating conditions of the joints, bones, muscles, and soft tissues |
| Sport and exercise medicine (SEM) | Sport and exercise physician | Treating sport and physical activity related injuries and common conditions |
| Stroke medicine | Stroke medicine physician | Caring for and rehabilitation of stroke patients |
| Surgery | Surgeon | Caring for surgical (as opposed to medical) conditions |
| Tropical medicine | Tropical medicine physician | Diagnosing and managing tropical infections (e.g. malaria, Ebola) |
| Urology | Urologist or urological surgeon | Treating problems of the female urinary system and the male genitourinary tract |
| Vascular surgery | Vascular surgeon | Treating conditions of the vascular system (except heart and brain) |

## CLINICAL (NON-MEDICAL) ROLES AND TITLES

The following tables are not designed to be comprehensive, but to provide an overview of some of the roles you might encounter in a hospital environment.

For the following jobs, it is necessary to have a professional qualification in the subject (typically a diploma or a degree) and/or be registered with a relevant professional body. The 15 jobs highlighted in green make up the 15 allied health professional roles.

| NON-MEDICAL PROFESSIONAL ROLE | TITLE | WHAT DOES THIS ROLE INVOLVE? |
| :---: | :---: | :---: |
| Advanced clinical practice | Advanced clinical practitioner (ACP) | Advanced practice in a variety of departments |
| Advanced critical care practice | Advanced critical care practitioner | Advanced practice in critical care environments |
| Anaesthesia associate practice | Anaesthesia associate | Providing high-level support to consultant anaesthetists |
| Anatomical pathology | Anatomical pathology technician (APT) | Helping pathologists to carry out postmortems |
| Art therapy | Art therapist | Using art as psychotherapy |
| Audiology | Audiologist | Measurement of hearing |
| Biomedical science | Biomedical scientist | Performing laboratory and scientific tests to support the diagnosis and treatment of disease |
| Cardiac physiology | Cardiac physiologist | Diagnosis, monitoring and treatment of heart problems |
| Clinical psychology | Clinical psychologist | Working with people on a wide range of psychological difficulties |
| Dental hygiene | Dental hygienist | Promoting tooth health through education and cleaning treatments |
| Dental nursing | Dental nurse | Supporting dentists in all aspects of dental care |
| Dental technology | Dental technician/technologist | Making dentures, crowns, bridges and dental braces |
| Dental therapy | Dental therapist | Supporting dentists by carrying out routine treatments (e.g. fillings) |
| Dentistry | Dentist | Caring for the teeth, mouth, and jaw specialties include orthodontics (braces), periodontics (gums), and endodontics (inside of the teeth) |
| Dietetics | Dietitian | The treatment of diet and nutritional problems |
| Drama therapy | Drama therapist | Using drama as psychotherapy |
| Emergency medical technician practice | Emergency medical technician (EMT)/associate ambulance practitioner | Pre-hospital care of patients at accidents or in medical emergencies |
| Extended scope practice | Extended scope practitioner | A physiotherapist who has undergone extra specialist training |


| First contact <br> practice/physiotherapy | First contact <br> practitioner/physiotherapist | A physiotherapist who has specialist <br> training who works in primary care |
| :---: | :---: | :---: |
| Genomics | Clinical scientist in genomics | Studying genetics to support and confirm <br> diagnoses or provide screening |
| Health visiting | Health visitor (HV)/specialist <br> community public health <br> nurse (SCPHN) | Working with families with a child aged 0 <br> to five to identify health needs as early <br> as possible |
| Hearing aid dispensary | Hearing aid dispenser | Assessing hearing and providing <br> aftercare for hearing aids |
| Histopathology | Histopathologist | Studying tissue samples using a <br> microscope |
| Microbiology | Microbiologist | Studying bacteria, viruses, fungi and <br> parasites that cause disease |
| Midwifery | Midwife | Caring for and supporting pregnant <br> people and newborn infants |
| Music therapy | Music therapist | The use of music as psychotherapy |
| Neurophysiology | Neurophysiologist | Diagnosing and treatment nervous <br> system disorders |
| Nursing | Nurse | Assessing, observing, and caring for <br> patients - subspecialties include adult, <br> children, learning disability, and mental <br> health |
| Podiatry | Prosthetics | Prosthetist |


| Psychology | Psychologist | Assessing and treating how people think <br> and behave |
| :---: | :---: | :---: |
| Pyschotherapy | Psychotherapist | Providing psychotherapy |
| Radiography <br> (diagnostic or <br> therapeutic) | (Diagnostic or therapeutic) <br> Radiographer | Imaging of the body and delivery of <br> treatment |
| Radiotherapy | Radiotherapist | Another name for a therapeutic <br> radiographer |
| Respiratory physiology | Respiratory physiology | The diagnosis and treatment of lung |
| disease |  |  |$|$| Sleep science | Sleep scientist | The diagnosis and treatment of sleep <br> disorders |
| :---: | :---: | :---: |
| Speech and language <br> therapy | Speech and language <br> therapist (SALT or SLT) | The treatment of communication <br> difficulties and problems with eating, <br> drinking, and swallowing |
| Social work | Social worker | Helping people to find solutions to their <br> problems |
| Surgical care practice <br> Surgical care practitioner <br> (SCP) | Supporting surgeons and other <br> healthcare professionals before, during <br> and after surgical procedures |  |
| Vascular science | Vascular scientist | Imaging and assessment of patients with <br> diseases of the arteries and veins |
| Virology | Virologist | Studying viral diseases |

For the following jobs, it is not necessary to have a professional qualification in the subject and/or be registered with a relevant professional body. There may however be a training programme you can follow, such as an apprenticeship or a vocational qualification.

$\left.$| NON-MEDICAL, NON- <br> PROFESSIONAL ROLE | TITLE | WHAT DOES THIS ROLE INVOLVE? |
| :---: | :---: | :---: |
| Assistant practice | Assistant practitioner | Providing high-level support to <br> qualified healthcare professionals |
| Dental support | Dental support worker | Supporting qualified dentists and <br> dental nurses in caring for patients |
| Dietetic assistance | Dietetic assistant | Assisting registered dietitians |
| Healthcare support | Healthcare assistant (HCA)/ <br> healthcare support worker (HCSW) | Supporting qualified health <br> professionals with basic tasks |
| Imaging support | Imaging support worker (ISW) | Supporting qualified radiographers |
| Laboratory support | Medical laboratory assistant (MLA) | Assisting healthcare scientists |
| Maternity support | Maternity support worker (MSW) | Assisting midwives caring for <br> pregnant people and babies |
| Orthopaedic practice | Orthopaedic practitioner/plaster |  |
| technician/casting technician |  |  | | Fitting casts and splints after injury |
| :---: |
| or surgery | \right\rvert\, | Helping pharmacists to order, |
| :---: |
| Pharmacy support |
| Pharmacy assistant/technician |
| Phlebotomy |
| Pheare and dispense medications |


| Therapy assistance | Therapy assistant | Assisting qualified OTs, PTs, and <br> SALTs |
| :---: | :---: | :---: |

## MISCELLANEOUS

| COLOURS |  |
| :---: | :---: |
| COLOUR | MEANING |
| alb- | white |
| chlor- | green |
| chromo-/chromato- | colour |
| cirrh- | brown |
| cyano- | blue |
| eosin- | rosy red |
| ery-/erythro- | red |
| flav- | yellow |
| leuco-/leuko- | white |
| melano- | black, dark, <br> pigment |
| polio- | grey |
| rub(o)r- | redness |
| xantho- | yellow |


| SINGULAR VS PLURAL |  |
| :---: | :---: |
| SINGULAR | PLURAL |
| -a | -ae |
| -ax | -aces |
| -is | -es |
| -ix | -ices |
| -oma | -omata |
| -on | -a |
| -um | -a |
| - us | -i |


| BRITISH VS AMERICAN <br> SPELLINGS |  |
| :---: | :---: |
| ENGLISH | AMERICAN |
| ae <br> (e.g. anaemia) | e <br> (e.g. anemia) |
| ence <br> (e.g. licence) | ense <br> (e.g. license) |
| oe <br> (e.g. diarrhoea) | e <br> (e.g. diarrhea) |
| ogue <br> (e.g. analogue) <br> ou <br> (e.g. tumour) | og <br> (e.g. analog) |
| s$o$ <br> (e.g. tumor) |  |
| $z$ |  |


| (e.g. computerised) | (e.g. computerized) |
| :---: | :---: |
| NUMBERS |  |
| NUMBER | MEANING |
| bi- | two |
| bin- | double/two |
| centi- | a hundredth |
| deca- | ten |
| deci- | tenth |
| demi- | half |
| di- | two |
| diplo- | double |
| hect- | one hundred |
| hemi- | half |
| hex- | six |
| kilo- | one thousand |
| mega- | million |
| micro- | small/one millionth |
| milli- | thousandth |
| mono- | one/single |
| multi- | many |
| nulli- | none |
| oct- | eight |
| pent- | five |
| pluri- | many |
| poly- | many |
| proto- | first |
| quadr- | four |
| quinqu- | five |
| semi- | half |
| sex- | six |
| ter- | three |
| tetr- | four |
| tri- | three |
| un- | one |
|  |  |
|  |  |
|  |  |
|  |  |

Both Greek and Latin prefixes are used in the metric system.

Greek prefixes (deca (10), hect (100), kilo (1000) and mega (million)) denote multiplied by (e.g. kilometre $=1000$ metres)

Latin prefixes (deci (10), centi (100), milli (1000) and micro (million)) denote divided by (e.g. millimetre $=$ one thousandth of a metre)

## QUIZZES

## Exercise 1: Matching terms and definitions

Place the number of the word listed in column A against the correct meaning in column B.

|  | A |  | B |
| :--- | :--- | :--- | :--- |
| $\mathbf{1}$ | Erythrocyte |  | Painful or abnormal menstruation |
| $\mathbf{2}$ | Dactylomegaly |  | Disease of the heart muscle |
| $\mathbf{3}$ | Dysmenorrhoea |  | Night-time urination |
| $\mathbf{4}$ | Medial |  | Enlargement of a finger or toe |
| $\mathbf{5}$ | Cardiomyopathy |  | Underactive thyroid gland |
| $\mathbf{6}$ | Nocturia |  | Difficulty breathing |
| $\mathbf{7}$ | Vasculitis |  | Red blood cell |
| $\mathbf{8}$ | Hypothyroidism |  | Low platelet count |
| $\mathbf{9}$ | Dyspnoea |  | The middle or toward the middle |
| $\mathbf{1 0}$ | Thrombocytopenia |  |  |

## Exercise 2: Matching abbreviations/acronyms and full phrases

Place the number of the abbreviation/acronym listed in column $A$ against the correct meaning in column B.

|  | A |  | B |
| :--- | :--- | :--- | :--- |
| $\mathbf{1}$ | Rx |  | Intensive care unit |
| $\mathbf{2}$ | T\&O |  | Four times daily |
| $\mathbf{3}$ | pc |  | Operating department practitioner |
| $\mathbf{4}$ | HCA |  | Hypertension |
| $\mathbf{5}$ | stat |  | Trauma and orthopaedics |
| $\mathbf{6}$ | ICU |  | Urinary tract infection |
| $\mathbf{7}$ | qds |  | After food |
| $\mathbf{8}$ | HTN |  | At once, immediately |
| $\mathbf{9}$ | UTI |  | Healthcare assistant |
| $\mathbf{1 0}$ | ODP |  | Prescription |

## Exercise 3: Missing meanings

Fill in the missing meaning in the breakdown of the word.

| STEATOHEPATITIS |  |  |
| :---: | :---: | :---: |
| STEATO- | -HEPAT- | -ITIS |
|  | liver | inflammation |
| 'inflammation due to $\quad$ in the liver' |  |  |


| HYPERKALAEMIA |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HYPER- | -KAL- | -AEM- | - IA |  |  |  |  |
| high |  | blood | condition of |  |  |  |  |
| 'condition of high levels of |  |  |  |  |  |  |  |

## REFERENCES AND OTHER USEFUL SOURCES

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