

Prefixes



Chapter 4

Learning Objectives



- Identify and define common prefixes used in medical terms.
- Analyze, spell, and pronounce medical terms that contain prefixes.

Prefixes



a-, an-	no, not, without
ab-	away from
ad-	toward, near
ana-	up, apart
ante-	before, forward

Prefixes (Cont.)



anti-	against
bi-	two, both
brady-	slow
con-	with, together

Prefixes (Cont.)



dia- complete, through

dys- bad, painful, difficult, abnormal

Prefixes (Cont.)



ec- out, outside

endo- within, in, inner

epi- above, upon

ex- out

extra- outside of

Prefixes (Cont.)



hemi- half

hyper-excessive, too much, above

hypo- deficient, too little, below

Prefixes (Cont.)



in- in, into

inter- between

intra- within

mal- bad

meta- change, beyond

Prefixes (Cont.)



neo- new

para- beside, near, along the side of

peri- surrounding

poly- many, much

Prefixes (Cont.)



post- after, behind

pre- before

pro- before, forward

pros- before, forward

Prefixes (Cont.)



quadri- four

re- back, behind

retro- back, behind

sub- under, less than

syn- with, together

Prefixes (Cont.)



tachy- fast

trans- across, through

tri- three

ultra- beyond

uni- one

Additional Medical Terms

- ❑ **Adrenal glands:** endocrine glands located above each kidney
- ❑ **Antibiotic:** destroys or inhibits the growth of microorganisms such as bacteria
- ❑ **Antigen:** foreign substance, such as bacteria and viruses

What is the function of adrenal glands?

What is adrenaline? What is another name for the term?

What was the first antibiotic?

What do antigens do when they enter the body?

Additional Medical Terms (Cont.)

- ❑ **Bradycardia:** slow heartbeat
- ❑ **Congenital Anomaly:** an irregularity in a structure or organ that an infant is born with
- ❑ **Dialysis:** removing harmful waste products from the body with an artificial kidney machine (dialysis machine)

Bradycardia would suggest a pulse of less than how many beats per minute?

What are some examples of congenital anomalies?

What are some causes of nonhereditary congenital anomalies?

Define hemodialysis.

Additional Medical Terms (Cont.)

- ❑ **Ectopic pregnancy:** an abnormal pregnancy when the embryo implants outside the uterus, usually in the fallopian tubes, but sometimes on an ovary or in the abdominal cavity
- ❑ **Parathyroid glands:** four endocrine glands located on the dorsal side of the thyroid gland that function separately from the thyroid gland
- ❑ **Prolapse:** to fall or slide forward, often used to describe an organ, such as a prolapsed uterus

What is the function of parathyroid hormone?

Additional Medical Terms (Cont.)

- ❑ **Retroperitoneal:** pertaining to behind the peritoneum; the kidneys and adrenal glands are retroperitoneal organs
- ❑ **Syndrome:** a group of signs or symptoms that commonly occur together and indicate a particular disease or abnormal condition
- ❑ **Subcutaneous:** lower layer of the skin composed of fatty tissue

Additional Medical Terms (Cont.)

- ❑ **Tachycardia:** condition of fast, rapid heart beat
- ❑ **Transurethral:** when an instrument passes through the urethra
- ❑ **Ultrasonography:** a diagnostic technique using ultrasound waves to produce an image or photograph of an organ or tissue

Tachycardia would suggest a pulse of faster than how many beats per minute?

What is an echocardiogram?

Medical Scramble



1. Harmless, not cancerous

I N G B N E

2. Painful uination

S Y R A D I U

3. Pertaining to a newborn

L E O A T N A N

Medical Scramble

(Cont.)

4. SIDS (sudden infant death syndrome)

N E A A P

5. Organs shrink in size

P Y A R T O H

Medical Scramble



Bonus Term: Foreign protein that causes an immune response

(Hint: This protein is often part of bacteria and viruses and evokes production of antibodies.)

G I E N N A T



<https://www.youtube.com/watch?v=uVm91-NH5Ek>



Questions?
quiz next class