

Medical Terminology: Get Connected!
Suzanne S. Frucht
First Edition

PEARSON NEW INTERNATIONAL EDITION



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DEFINE cardiology-related combining forms, prefixes, and suffixes.

Cardiology Combining Forms

The following list presents new combining forms important for building and defining cardiology terms.

angi/o	vessel	steth/o	chest
aort/o	aorta	thromb/o	clot
arteri/o	artery	valv/o	valve
arteriol/o	arteriole	valvul/o	valve
ather/o	fatty substance, plaque	varic/o	dilated vein
atri/o	atrium	vascul/o	blood vessel
cardi/o	heart	vas/o	blood vessel
coron/o	heart	ven/o	vein
embol/o	plug	ventricul/o	ventricle
isch/o	to keep back	venul/o	venule
phleb/o	vein		

The following list presents combining forms that are not specific to the cardiovascular system but are also used for building and defining cardiology terms.

cutane/o	skin	pulmon/o	lung
electr/o	electricity	son/o	sound
esophag/o	esophagus	sphygm/o	pulse
my/o	muscle		

Suffix Review

These suffixes and prefixes are being reviewed in this chapter because they are especially important for building cardiology terms.

-ac	pertaining to	-graphy	process of recording
-al	pertaining to	-ia	condition
-ar	pertaining to	-ic	pertaining to
-ary	pertaining to	-ism	condition
-dynia	pain	-itis	inflammation
-eal	pertaining to	-logist	one who studies
-ectomy	surgical removal	-logy	study of
-emia	blood condition	-lysis	destruction
-genic	producing	-lytic	destruction
-gram	record	-manometer	instrument to measure pressure

Cardiology: Cardiovascular System

-megaly	enlarged
-ole	small
-oma	tumor
-ose	pertaining to
-osis	abnormal condition
-otomy	cutting into
-ous	pertaining to
-pathy	disease
-plasty	surgical repair

-rrhaphy	suture
-rrhexis	rupture
-sclerosis	hardening
-scope	instrument for viewing
-spasm	involuntary muscle contraction
-stenosis	narrowing
-tic	pertaining to
-ule	small

Prefix Review

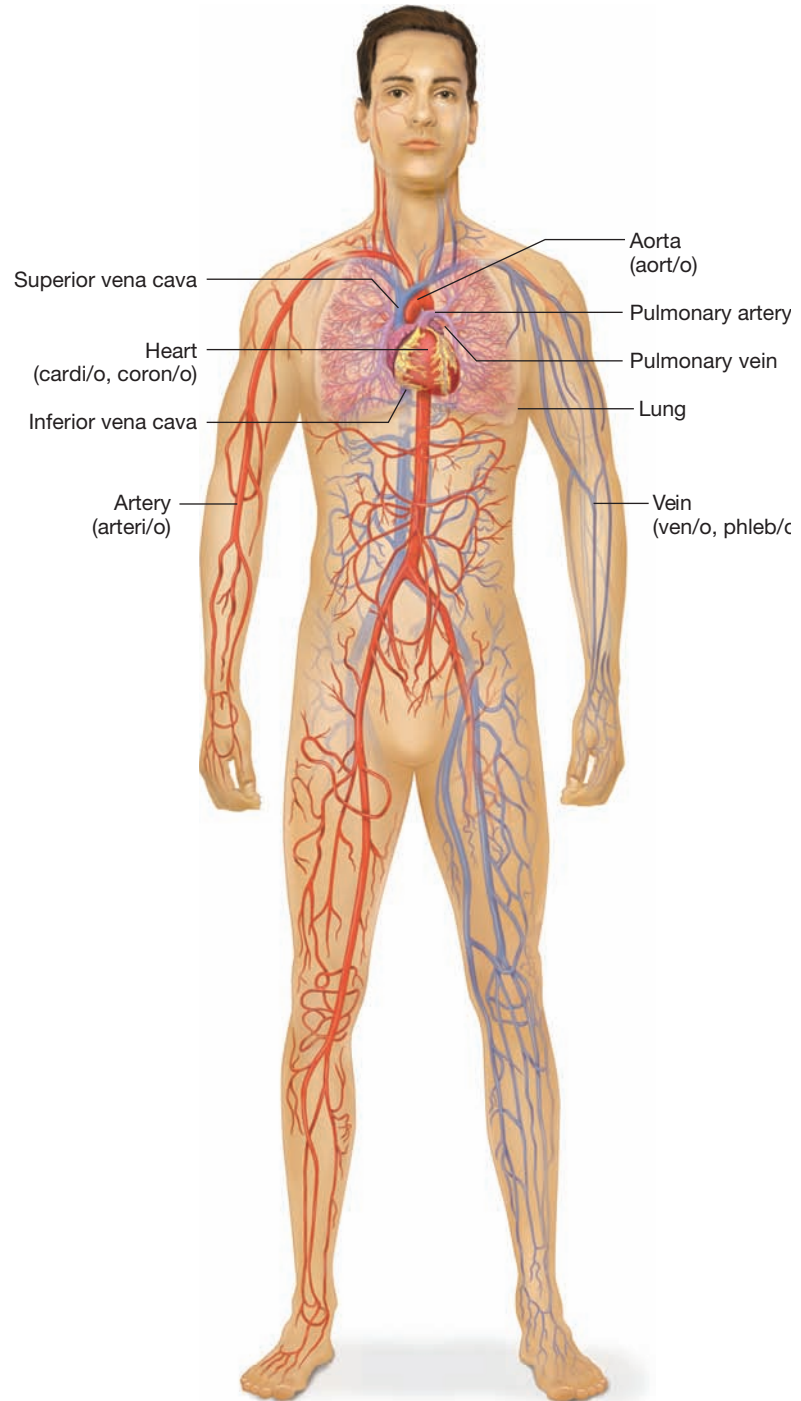
a-	without
brady-	slow
endo-	within
hyper-	excessive
hypo-	insufficient
inter-	between
intra-	within

per-	through
peri-	around
poly-	many
tachy-	fast
trans-	across
ultra-	excess



IDENTIFY the organs treated in cardiology.

Organs Commonly Treated in Cardiology



>1 The cardiovascular system

- d. surgical repair of a vessel _____ / cv / _____
r s
- e. involuntary muscle spasm in a vessel _____ / _____ / _____
r cv s
- f. inflammation of many vessels _____ / _____ / _____
p r s

2. **aort/o**—combining form meaning **aorta**

The aorta is the largest artery in the body; carries oxygenated blood from left ventricle to body

- a. pertaining to the aorta _____ / _____
r s
- b. surgical repair of the aorta _____ / cv / _____
r s

3. **arteri/o**—combining form meaning **artery**

Arteries are blood vessels that carry blood away from the heart and toward a capillary bed; arteries to the lungs carry deoxygenated blood and arteries to the body carry oxygenated blood



>3 Artery

- a. pertaining to an artery _____ / _____
r s
- b. record of an artery _____ / cv / _____
r s
- c. process of recording an artery _____ / cv / _____
r s
- d. suture of an artery _____ / cv / _____
r s
- e. ruptured artery _____ / cv / _____
r s
- f. narrowing of an artery _____ / cv / _____
r s
- g. small artery _____ / _____
r s

4. **arteriol/o**—combining form meaning **arteriole**

Arterioles are the smallest arteries; carry blood from artery to capillary bed

- a. pertaining to an arteriole _____ / _____
r s

