

Body Systems

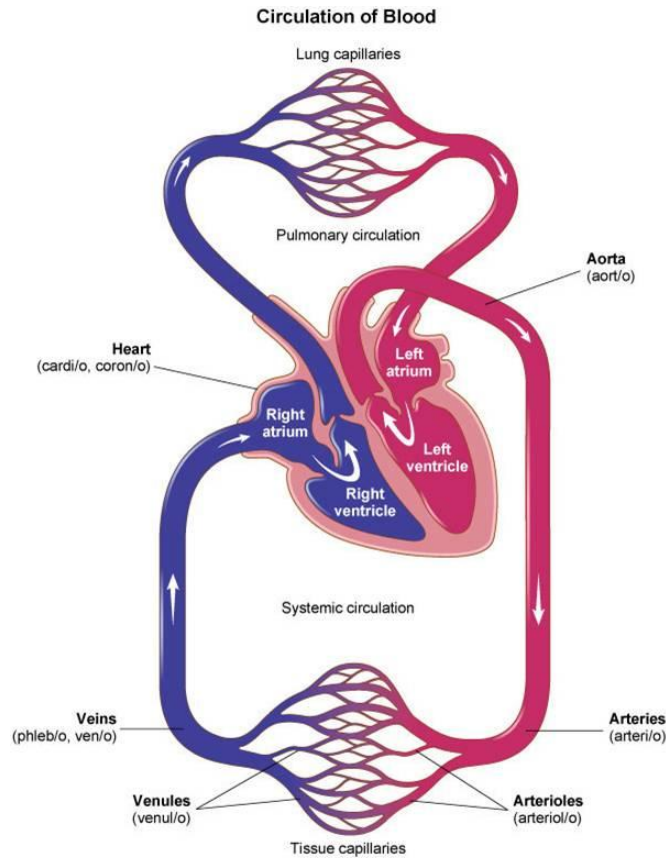
Appendix 1

Lesson 1.1

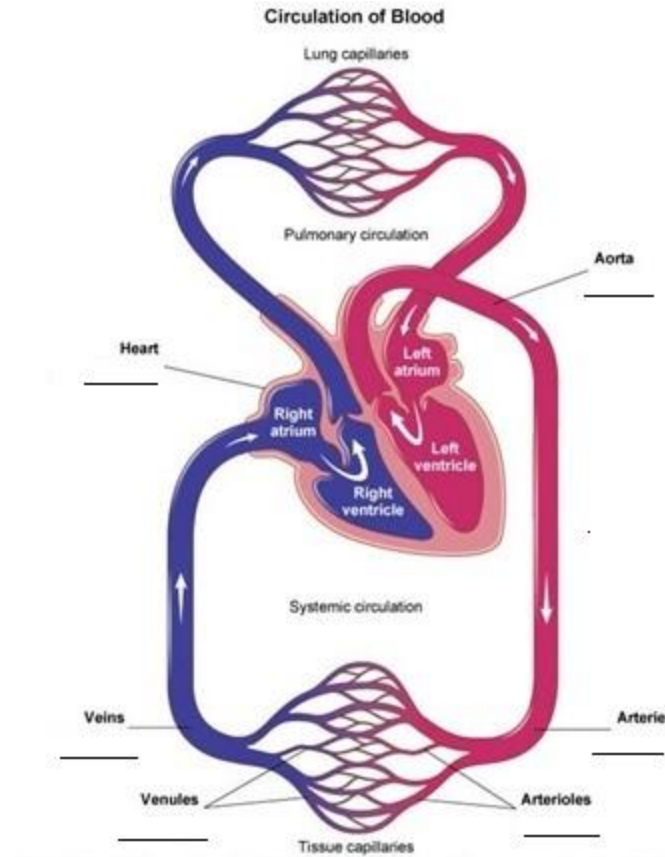
Body Systems

1. Cardiovascular System
2. Digestive System
3. Endocrine System

Cardiovascular System Anatomy



Cardiovascular System Anatomy (Cont.)



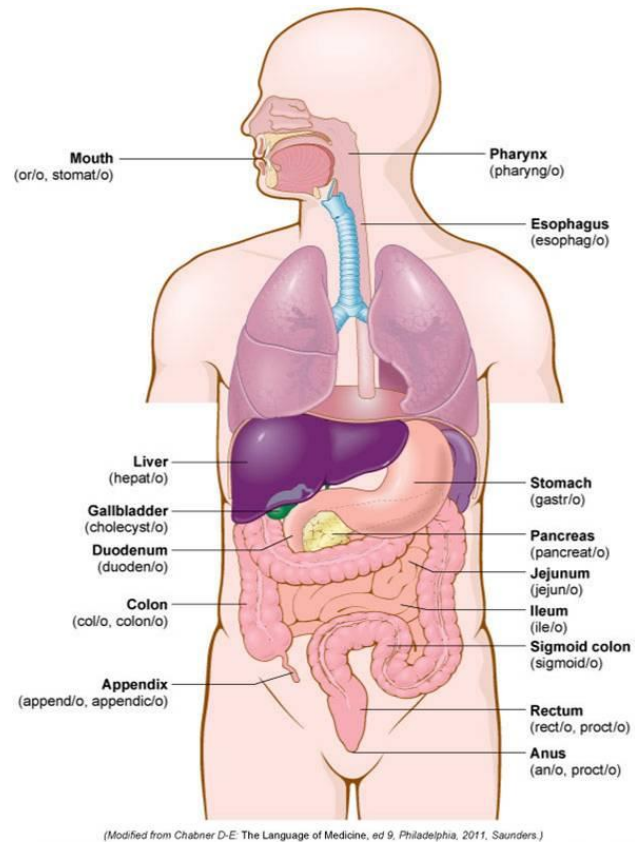
Cardiovascular System Terminology

Combining Form	Meaning	Medical Term
● aort/o	aorta	aortic stenosis
● arteri/o	artery	arteriosclerosis
● arteriol/o	arteriole	arteriolitis

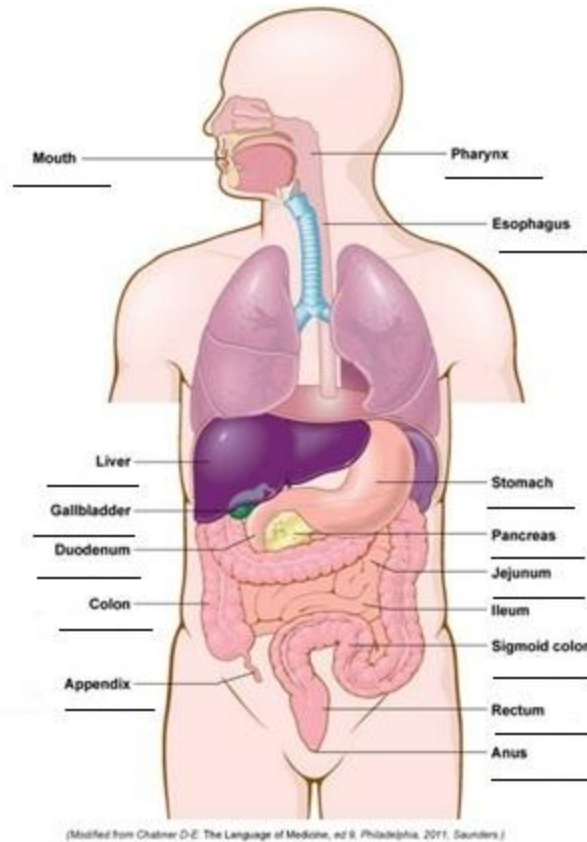
Cardiovascular System Terminology (Cont.)

Combining Form	Meaning	Medical Term
● angi/o	vessel	angioplasty
● cardi/o	heart	cardiomyopathy
	pericardium	
● coron/o	heart	coronary arteries

Digestive System Anatomy



Digestive System Anatomy (Cont.)



Digestive System Terminology (Cont.)

Combining Form	Meaning	Medical Term
● an/o	anus	anal
● cholecyst/o	gallbladder	cholecystectomy
● col/o	colon	colostomy
● colon/o	colon	colonoscopy

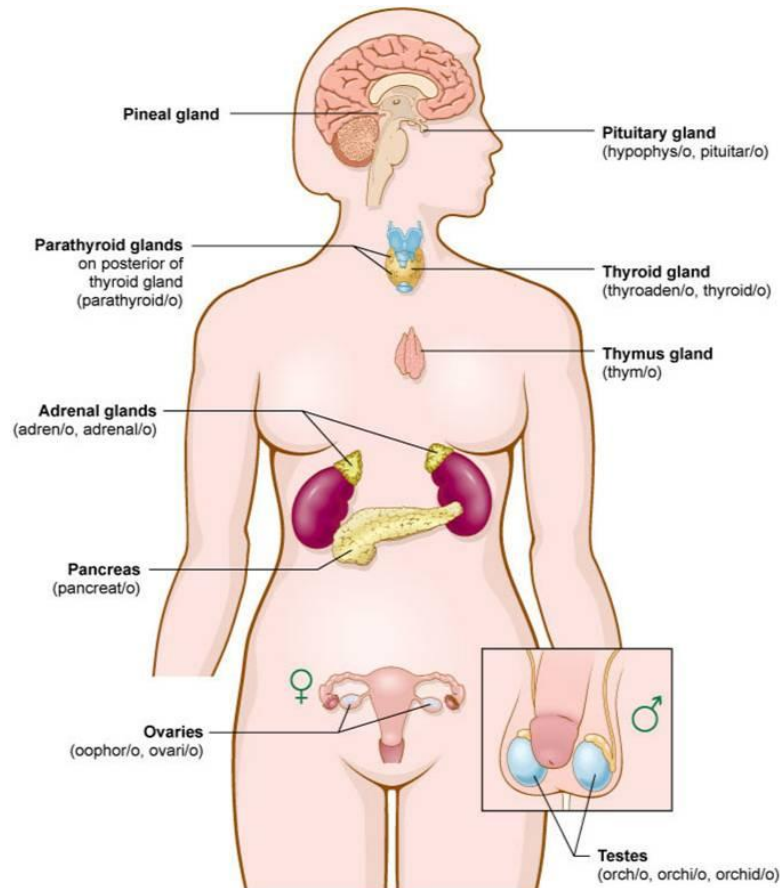
Digestive System Terminology (Cont.)

Combining Form	Meaning	Medical Term
● esophag/o	esophagus	esophageal
● gastr/o	stomach	gastralgia
● hepat/o	liver	hepatomegaly
● or/o	mouth	oral

Digestive System Terminology (Cont.)

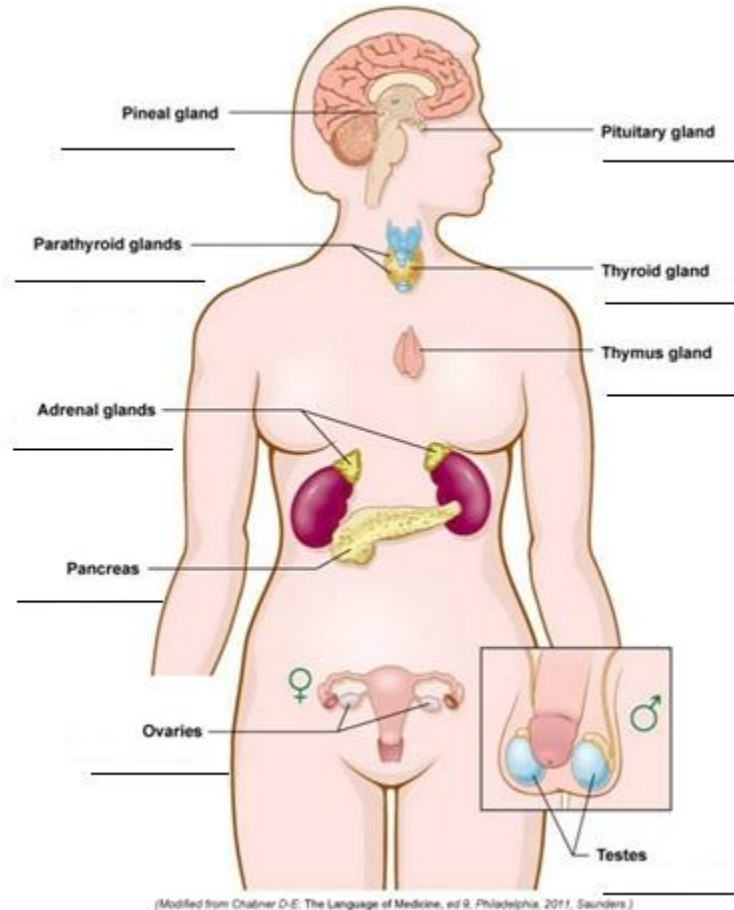
Combining Form	Meaning	Medical Term
● pancreat/o	pancreas	pancreatitis
● rect/o	rectum	rectocele
● sigmoid/o	sigmoid colon	sigmoidoscopy
● stomat/o	mouth	stomatitis

Endocrine System Anatomy



(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Endocrine System Anatomy (Cont.)



Endocrine System Terminology

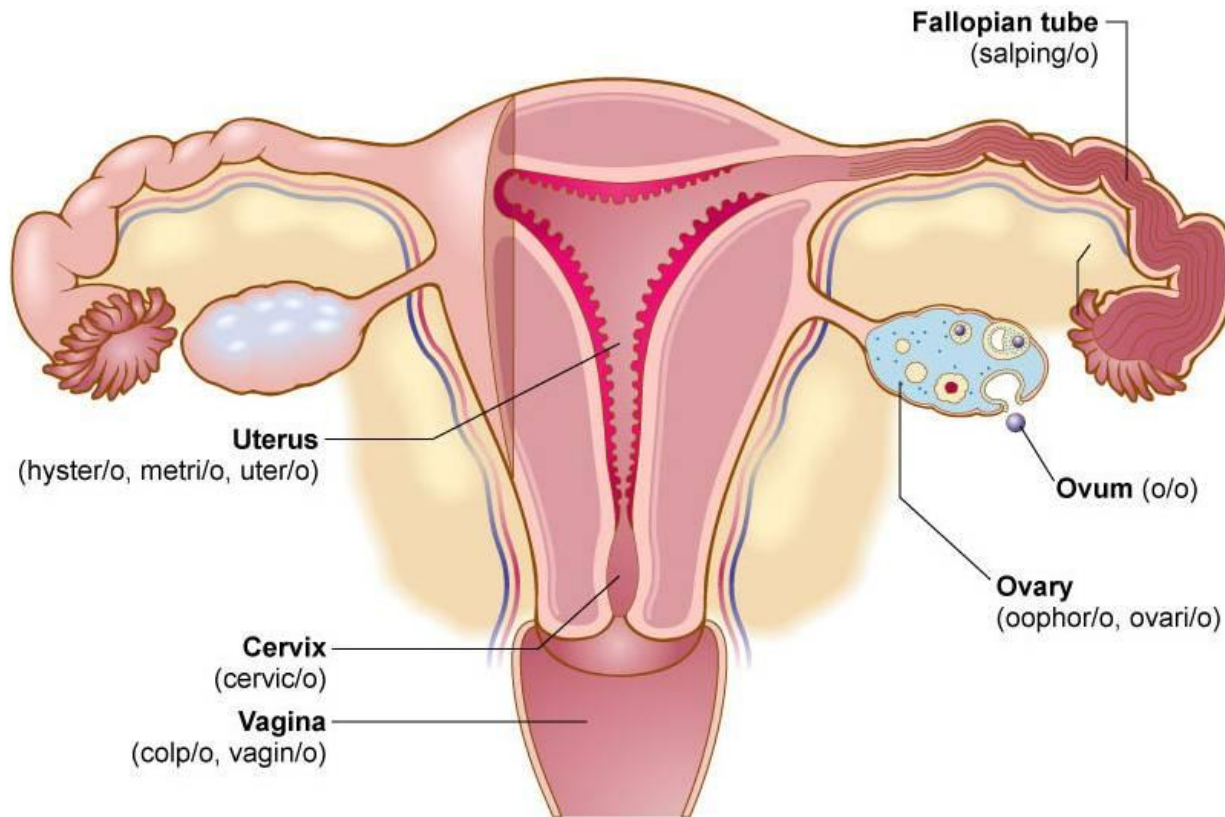
Combining Form	Meaning	Medical Term
● adren/o	adrenal gland	adrenopathy
● adrenal/o	adrenal gland	adrenalectomy
● hypophys/o	pituitary gland	hypophyseal
● pancreat/o	pancreas	pancreatectomy

Lesson 1.2

Body Systems

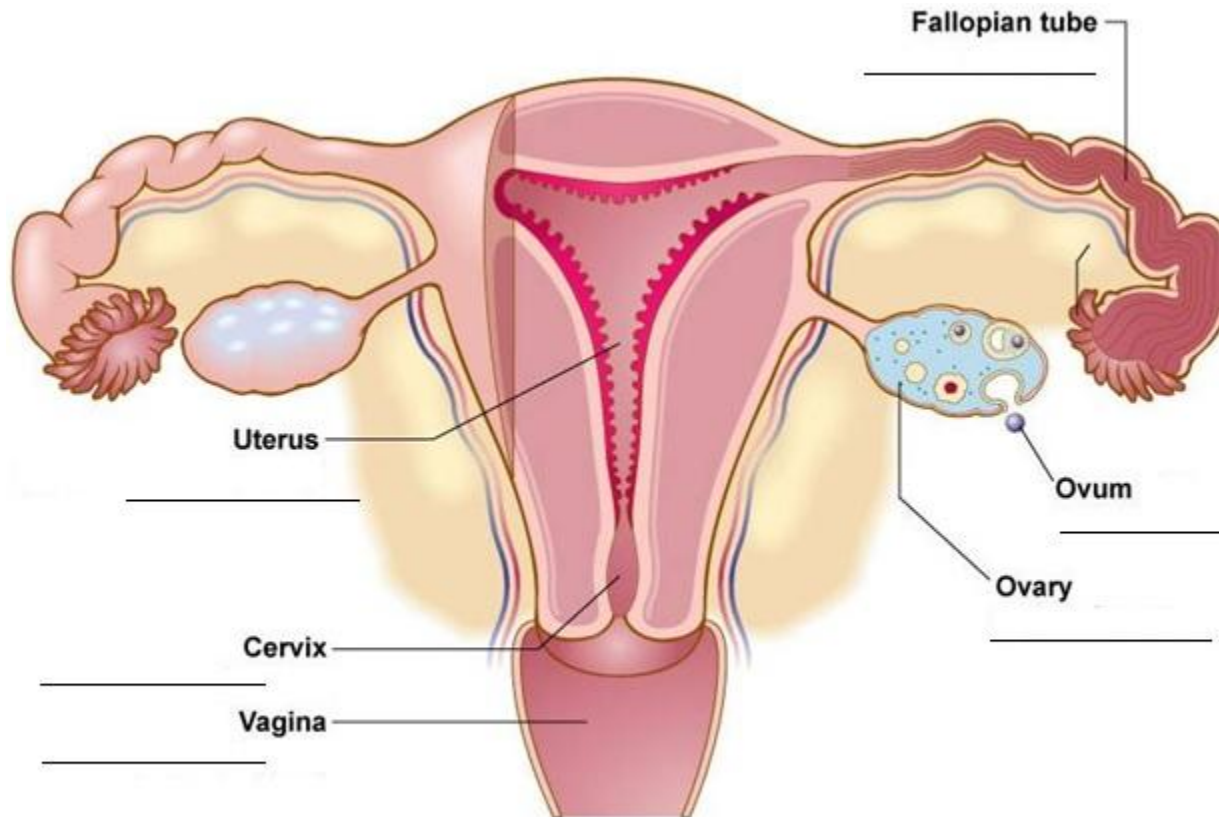
4. Female Reproductive System
5. Lymphatic System
6. Male Reproductive System

Female Reproductive System Anatomy



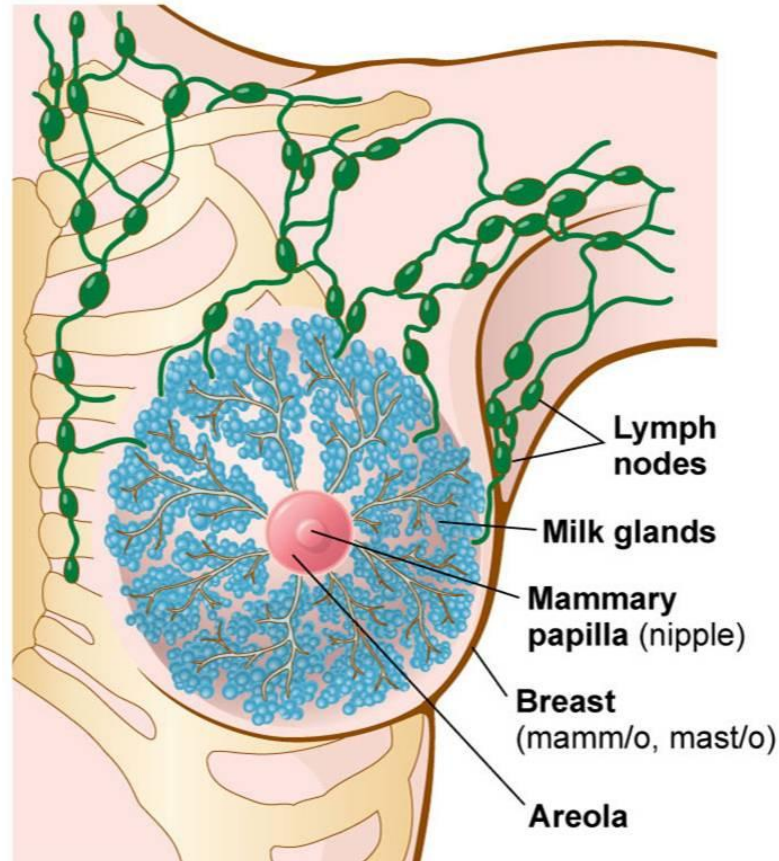
(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Female Reproductive System Anatomy (Cont.)



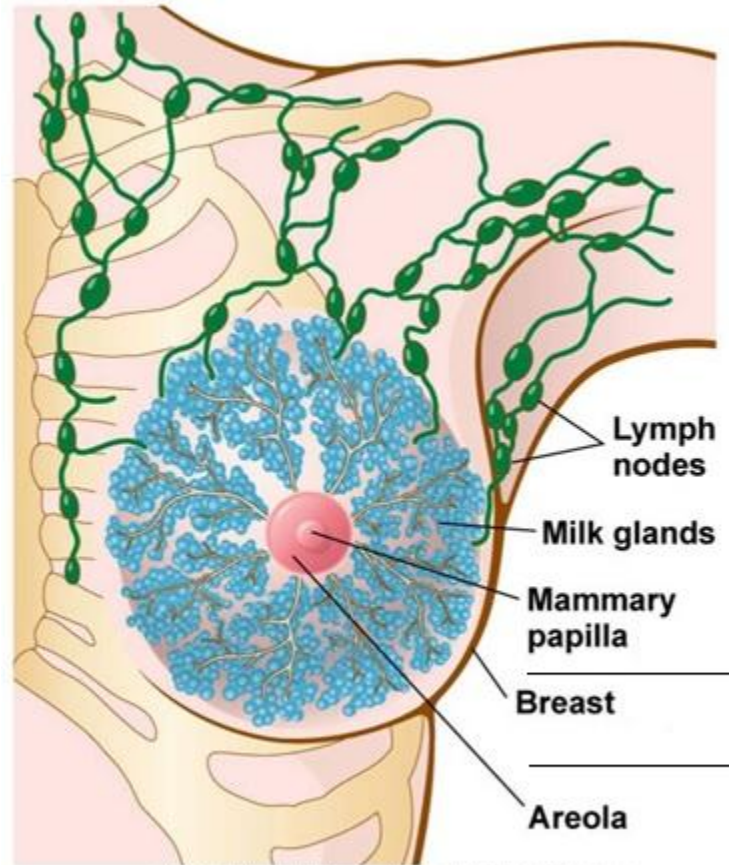
(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Female Reproductive System Anatomy (Cont.)



(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Female Reproductive System Anatomy (Cont.)



(Modified from Chabner D-E: The Language of Medicine, ed 8, Philadelphia, 2011, Saunders.)

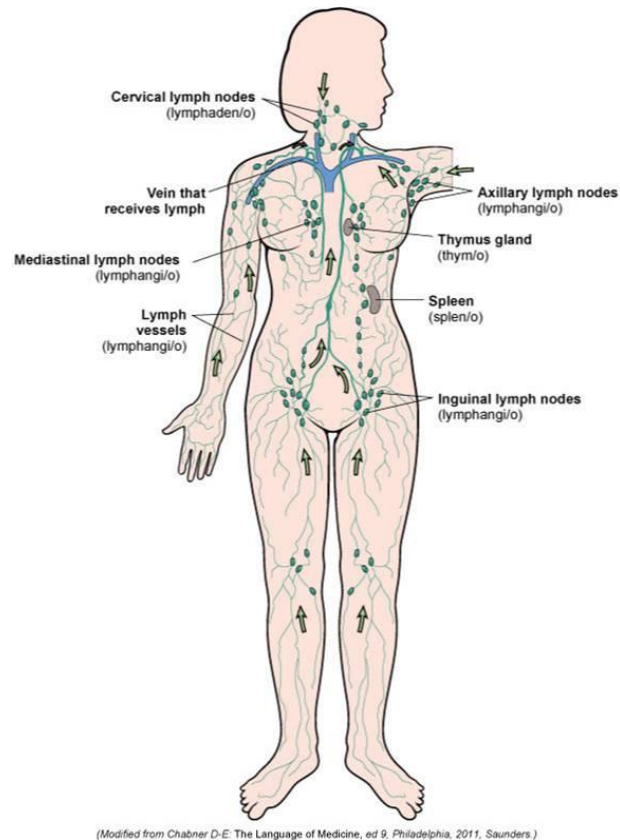
Female Reproductive System Terminology

Combining Form	Meaning	Medical Term
● colp/o	vagina	colposcopy
● vagin/o	vagina	vaginitis
● hyster/o	uterus	hysterectomy
● metri/o	uterus	endometrium
● uter/o	uterus	uterine

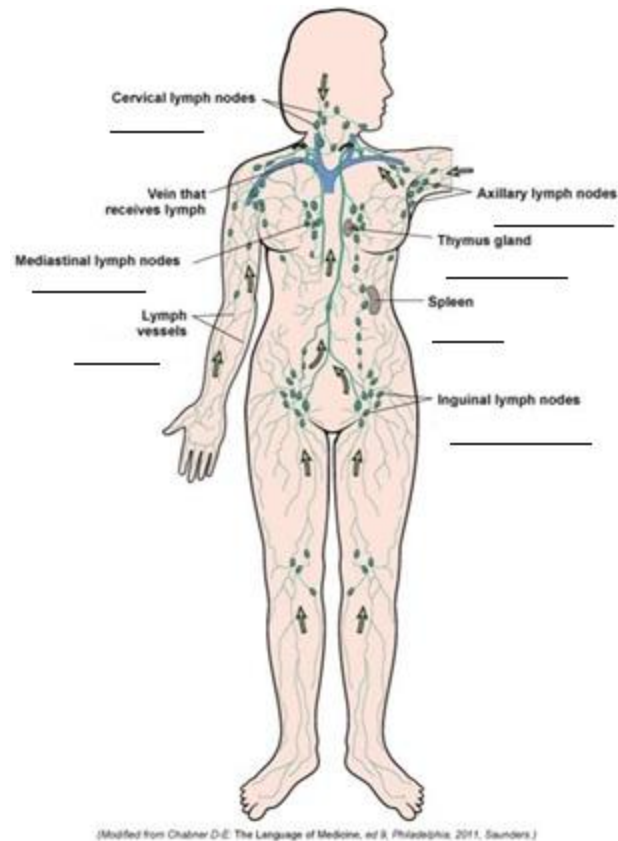
Female Reproductive System Terminology (Cont.)

Combining Form	Meaning	Medical Term
● o/o	egg	oocyte
● oophor/o	ovary	oophorectomy
● ovari/o	ovary	ovarian cancer
● salping/o	fallopian tube	salpingectomy

Lymphatic System Anatomy



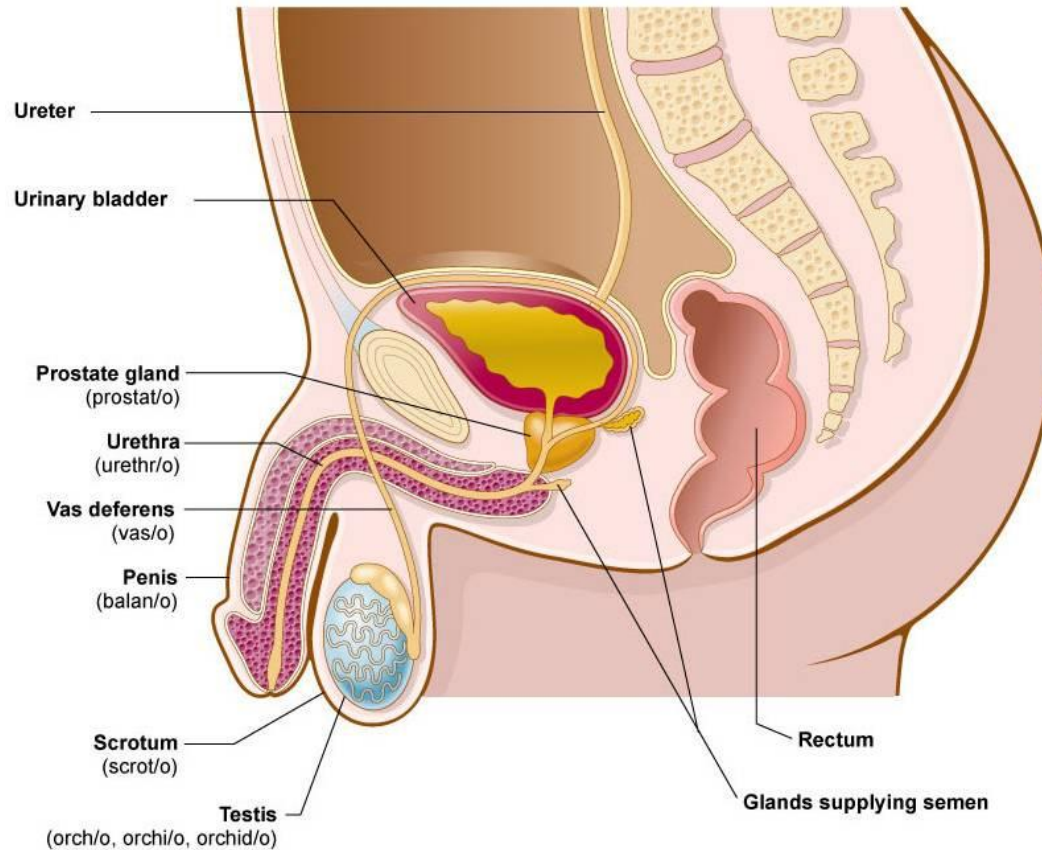
Lymphatic System Anatomy (Cont.)



Lymphatic System Terminology

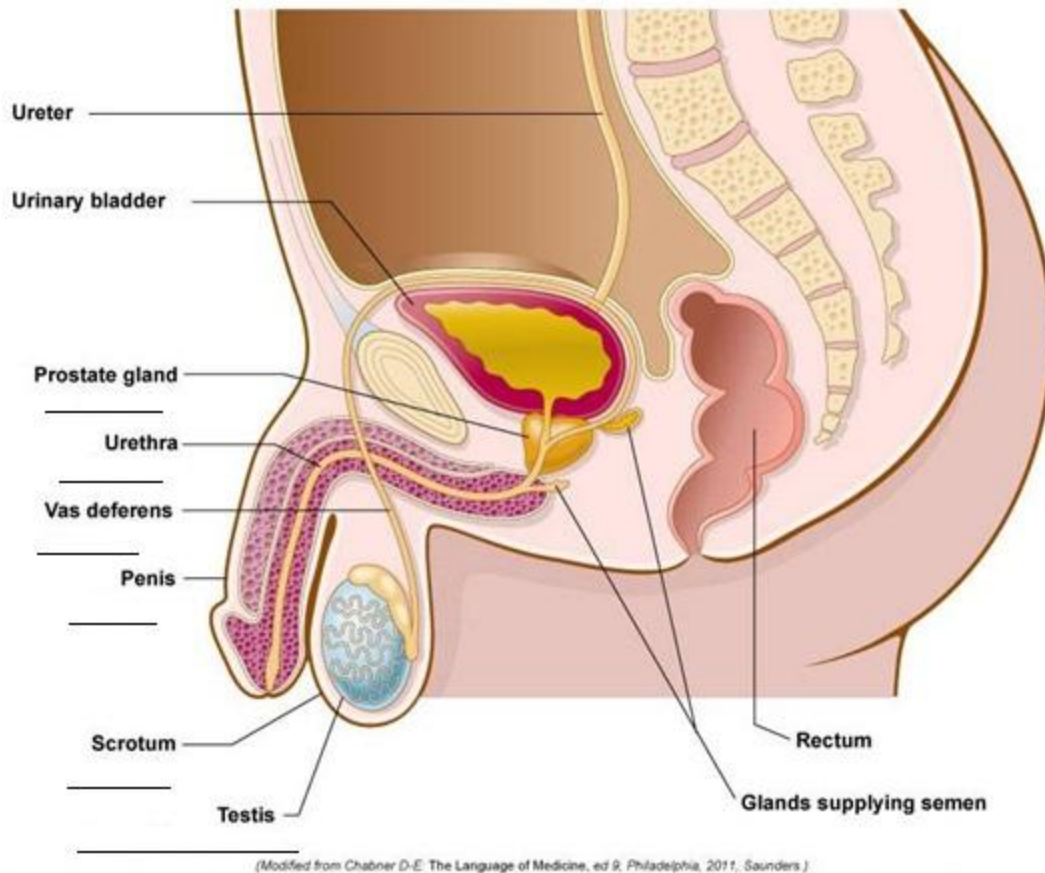
Combining Form	Meaning	Medical Term
● lymph/o	lymph fluid	lymphoma
● lymphaden/o	lymph node ("gland")	lymphadenectomy
● lymphangi/o	lymph vessel	lymphangiectasis

Male Reproductive System Anatomy



(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Male Reproductive System Anatomy (Cont.)



Male Reproductive System Terminology

Combining Form Meaning Medical Term

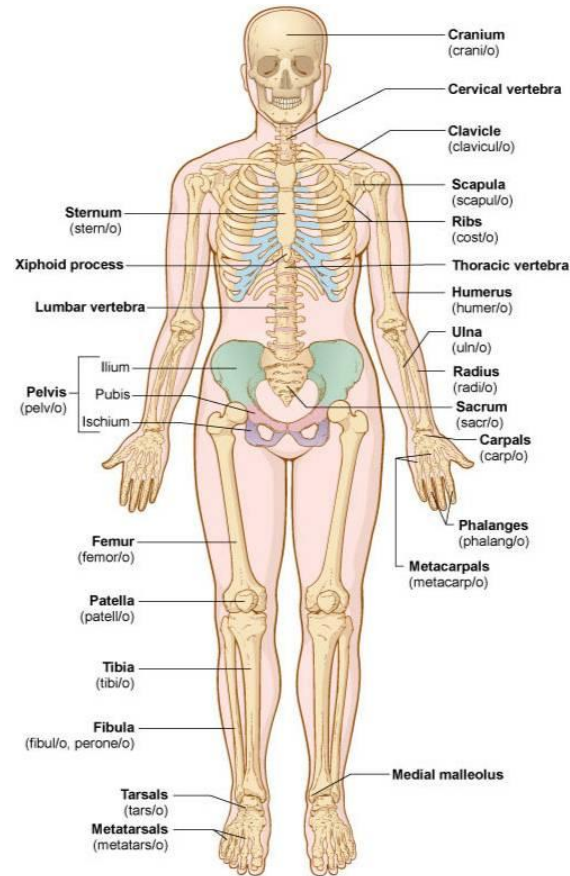
- balan/o penis balanitis
- orch/o testis orchitis
- orchi/o testis orchiectomy
- orchid/o testis orchidectomy
- prostat/o prostate gland prostatectomy

Lesson 1.3

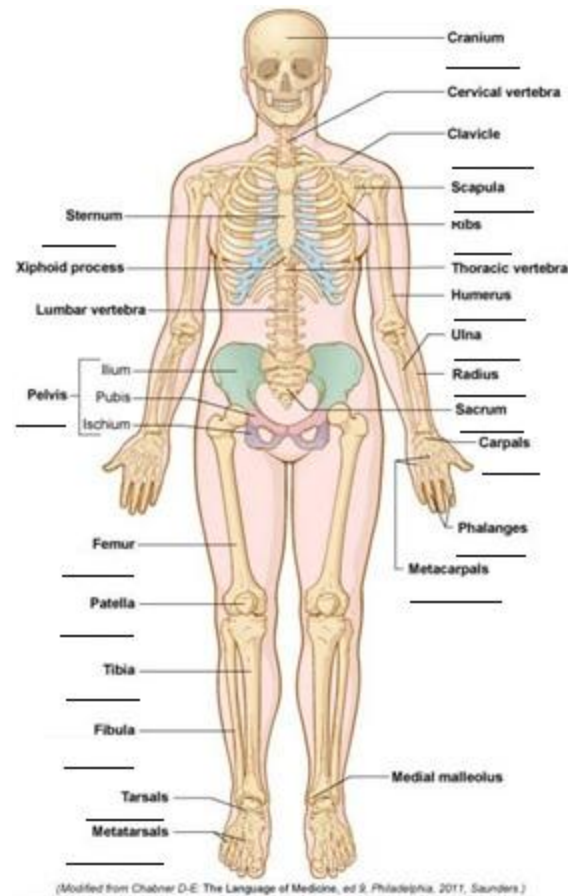
Body Systems

7. Musculoskeletal System
8. Nervous System
9. Respiratory System

Musculoskeletal System Anatomy

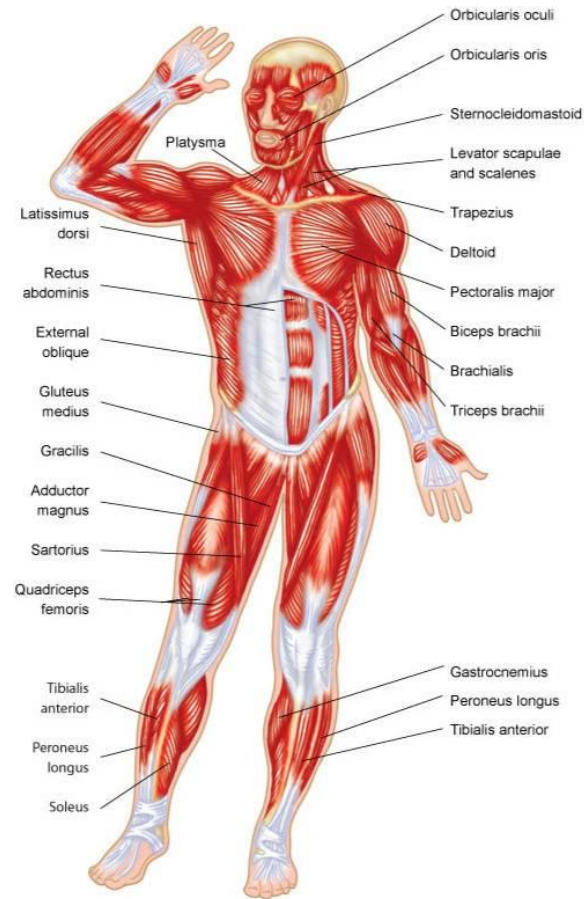


Musculoskeletal System Anatomy (Cont.)



Musculoskeletal System Anatomy (Cont.)

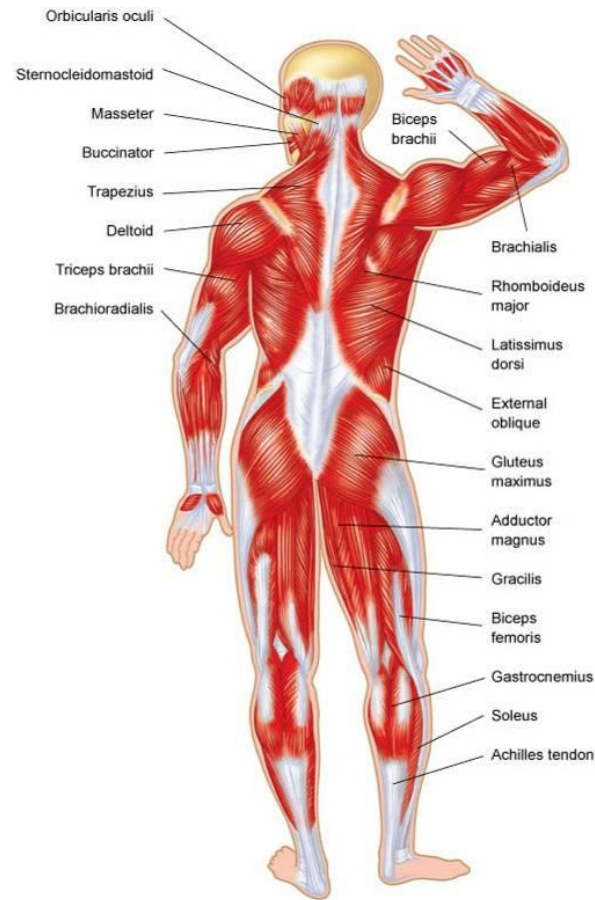
The anterior superficial muscles



(Modified from Miller-Keane Encyclopedia and Dictionary of Medicine, Nursing, and Allied Health, ed 7, Philadelphia, 2003, Saunders.)

Musculoskeletal System Anatomy (Cont.)

The posterior superficial muscles



(Modified from Miller-Keane, Encyclopedia and Dictionary of Medicine, Nursing, and Allied Health, ed 7, Philadelphia, 2003, Saunders.)

Musculoskeletal System Terminology

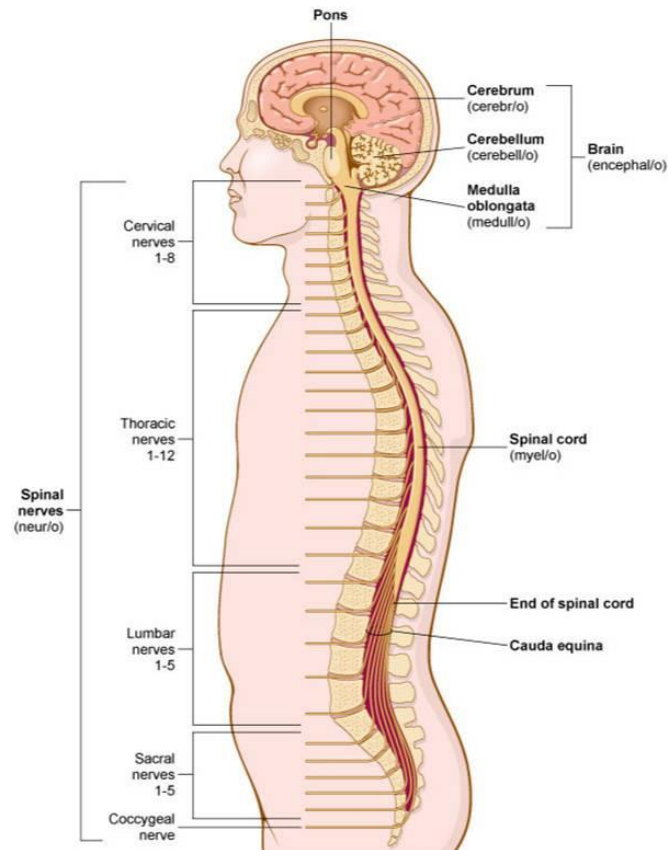
Combining Form	Meaning	Medical Term
● arthr/o	joint	arthroscopy
● chondr/o	cartilage	chondroma
● crani/o	skull	craniotomy
● ligament/o	ligament	ligamentous

Musculoskeletal System Terminology (Cont.)

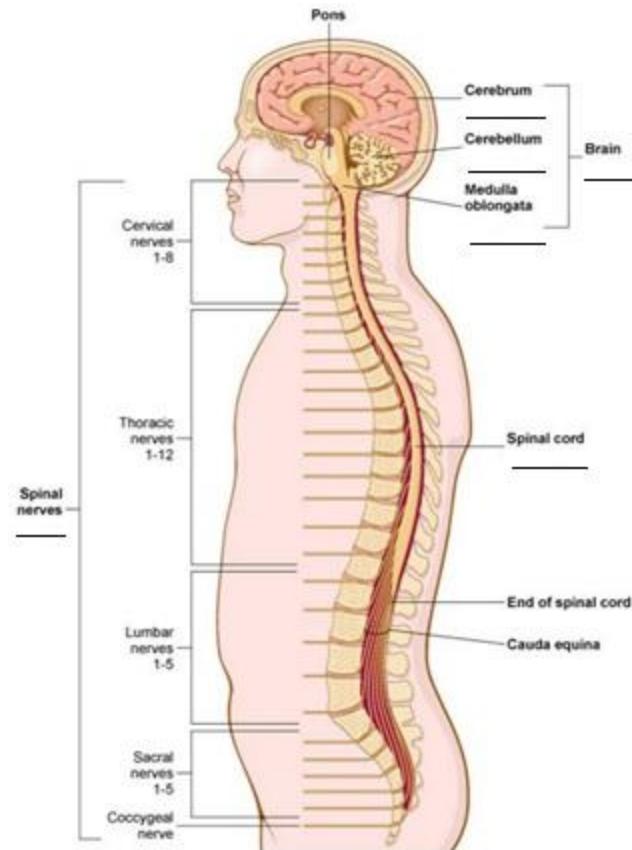
Combining Form	Meaning	Medical Term
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- my/o muscle myosarcoma
- myos/o muscle myositis
- muscul/o muscle muscular
- oste/o bone osteomyelitis

Nervous System Anatomy



Nervous System Anatomy (Cont.)

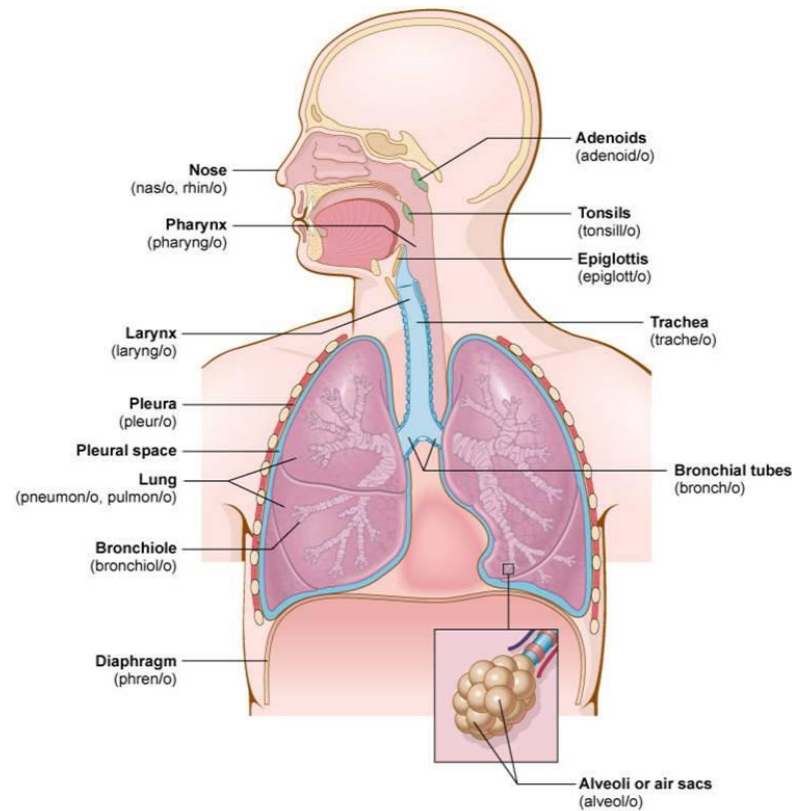


Nervous System Terminology

Combining Form Meaning Medical Term

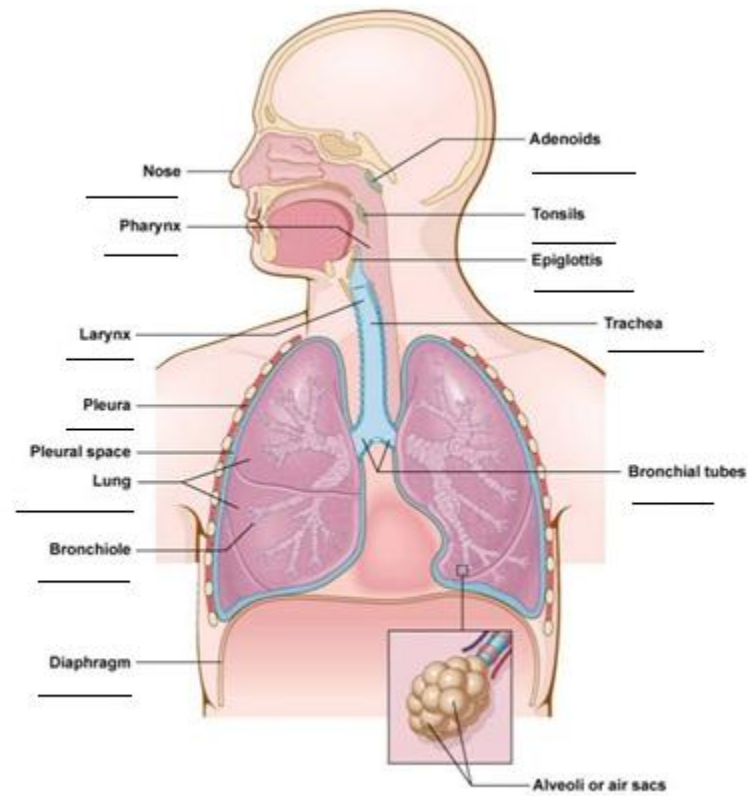
- cerebell/o cerebellum cerebellar
- cerebr/o cerebrum cerebral
- encephal/o brain encephalitis
- myel/o spinal cord myelitis
- neur/o nerve neuropathy

Respiratory System Anatomy



(Modified from Chabner D-E The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Respiratory System Anatomy (Cont.)



(Modified from Chalmers D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Respiratory System Terminology

Combining Form Meaning Medical Term

- bronch/o bronchial tube bronchoscopy
- bronchiol/o bronchiole bronchiolitis
- laryng/o larynx laryngeal
- nas/o nose nasal
- rhin/o nose rhinorrhea

Respiratory System Terminology (Cont.)

Combining Form Meaning Medical Term

- pharyng/o pharynx pharyngitis
- phren/o diaphragm phrenic
- pneumon/o lung pneumonectomy
- pulmon/o lung pulmonary

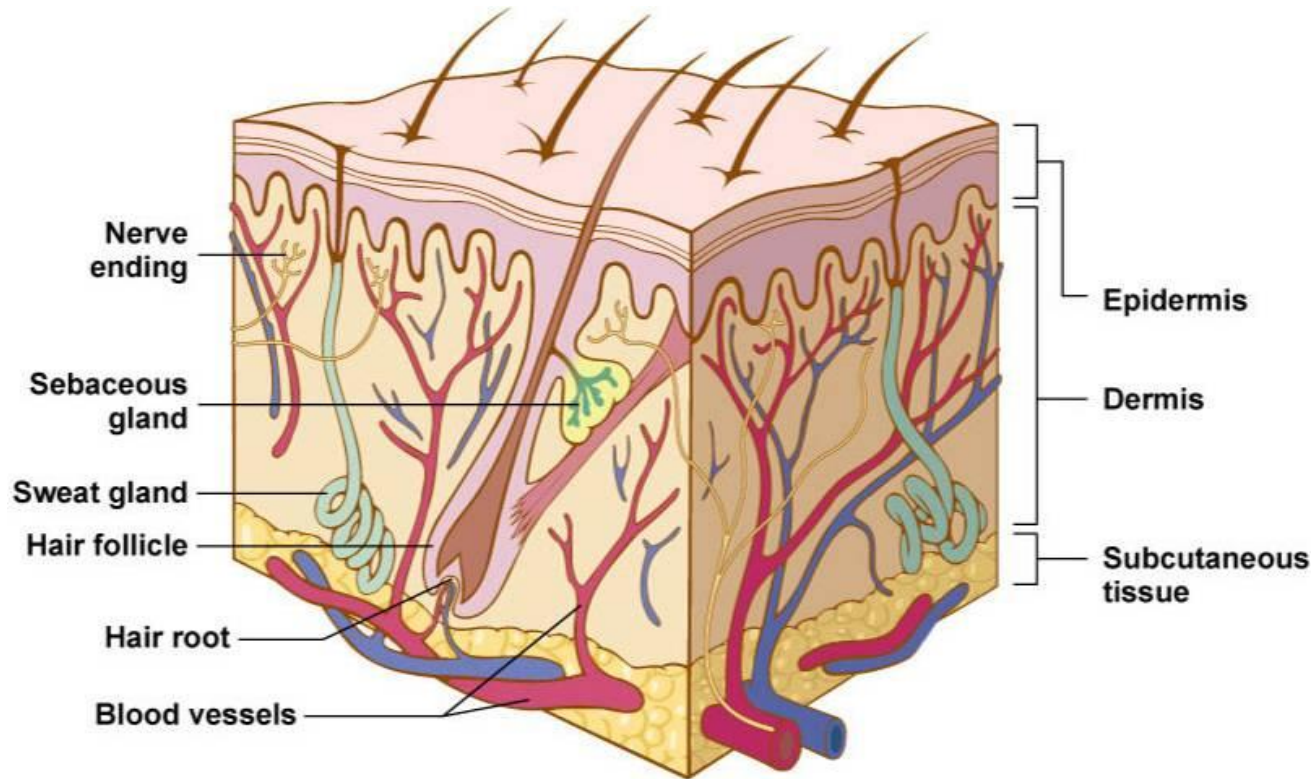
Lesson 1.4

Body Systems

- 10. Skin and Sense Organs
- 11. Urinary System

Skin and Sense Organ Anatomy

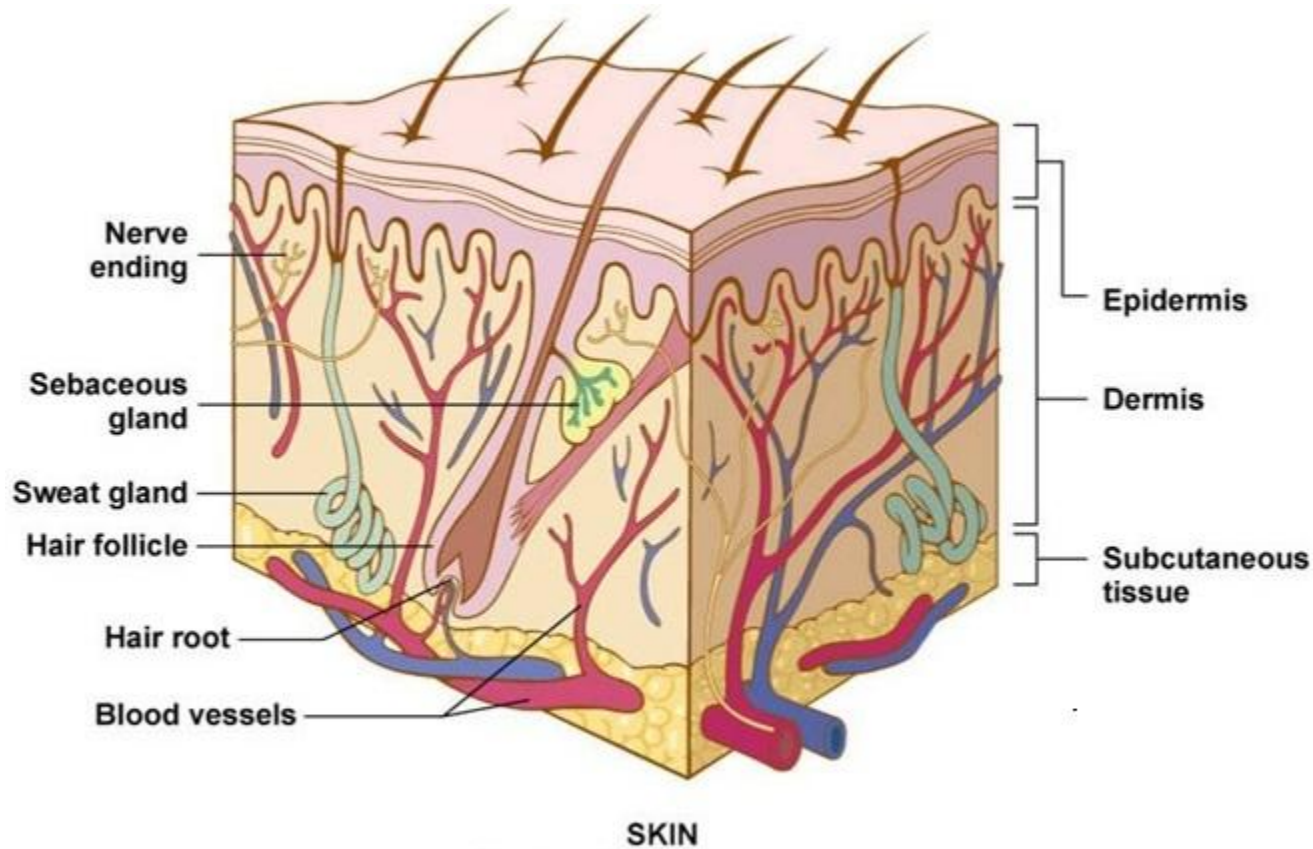
- The Skin



SKIN
(derm/o, dermat/o, cutane/o)

Skin and Sense Organ Anatomy (Cont.)

- The Skin



Skin and Sense Organ Terminology

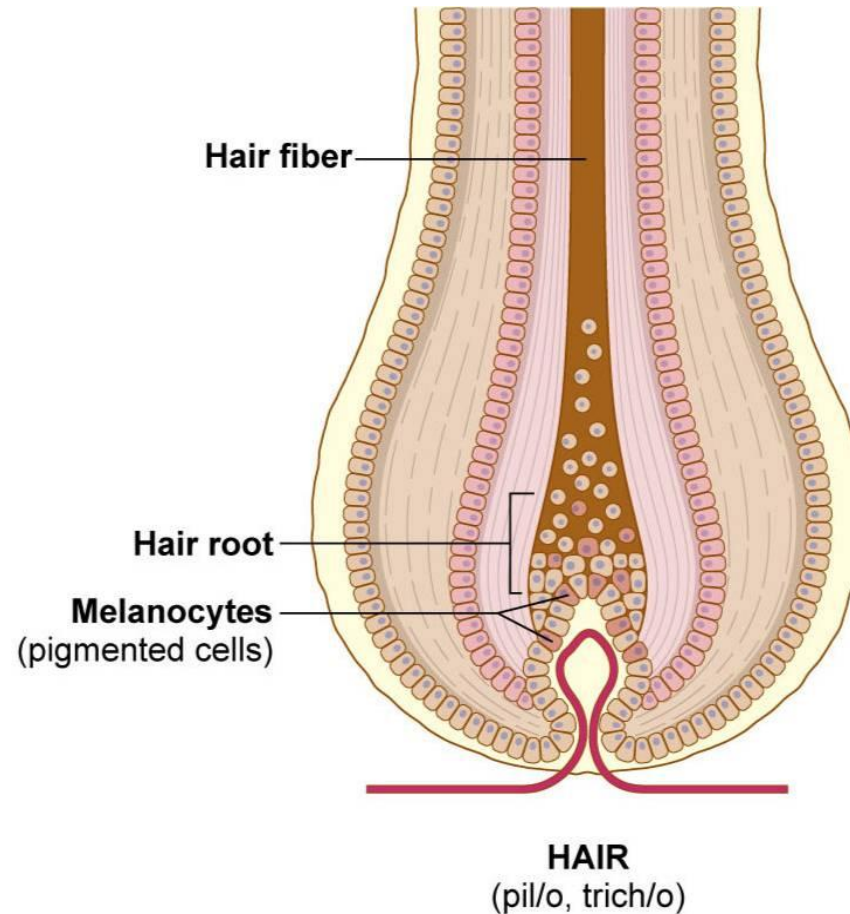
- The Skin

Combining Form	Meaning	Medical Term
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- cutane/o skin subcutaneous
- derm/o skin epidermis
- dermat/o skin dermatology

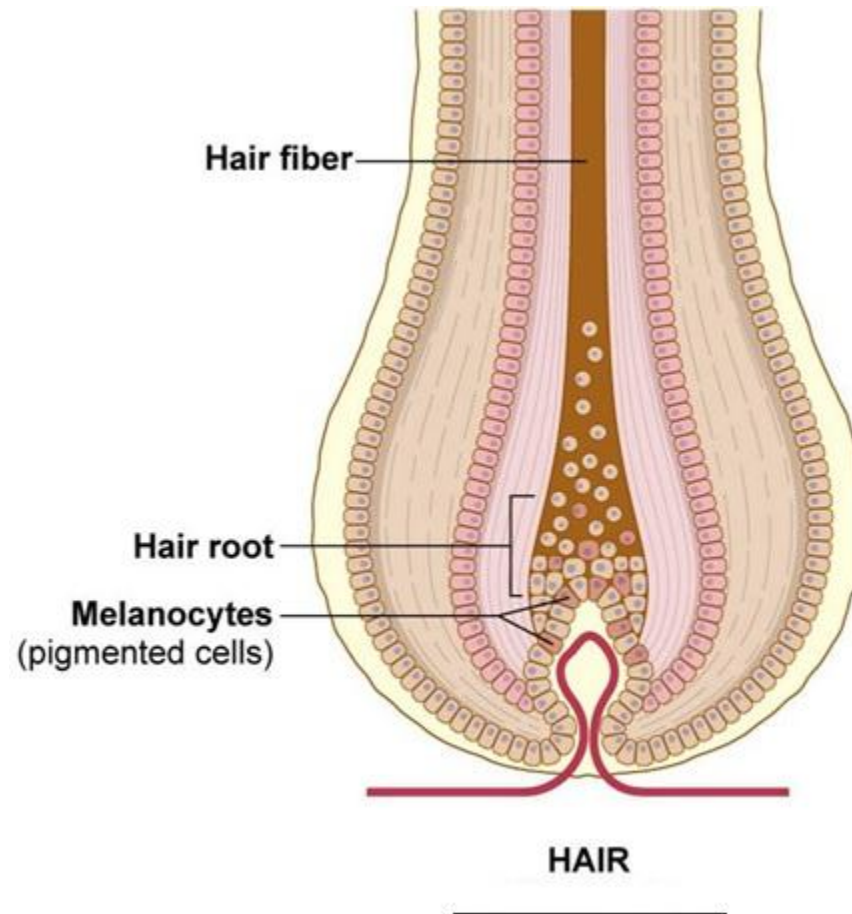
Skin and Sense Organ Anatomy (Cont.)

- Hair



Skin and Sense Organ Anatomy (Cont.)

- Hair



Skin and Sense Organ Terminology (Cont.)

- Hair

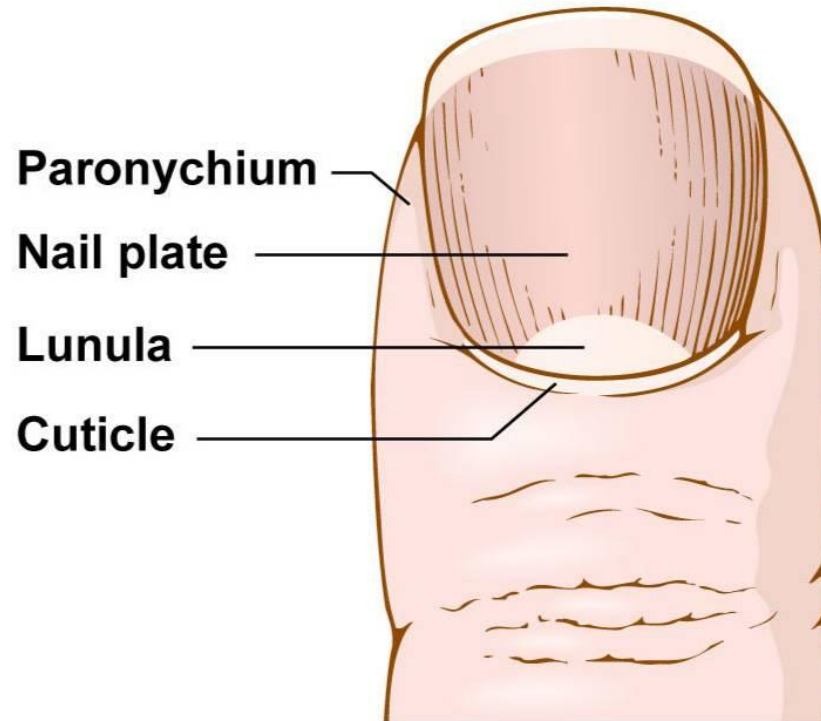
Combining Form	Meaning	Medical Term
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- pil/o hair pilosebaceous

- trich/o hair trichophagia

Skin and Sense Organ Anatomy (Cont.)

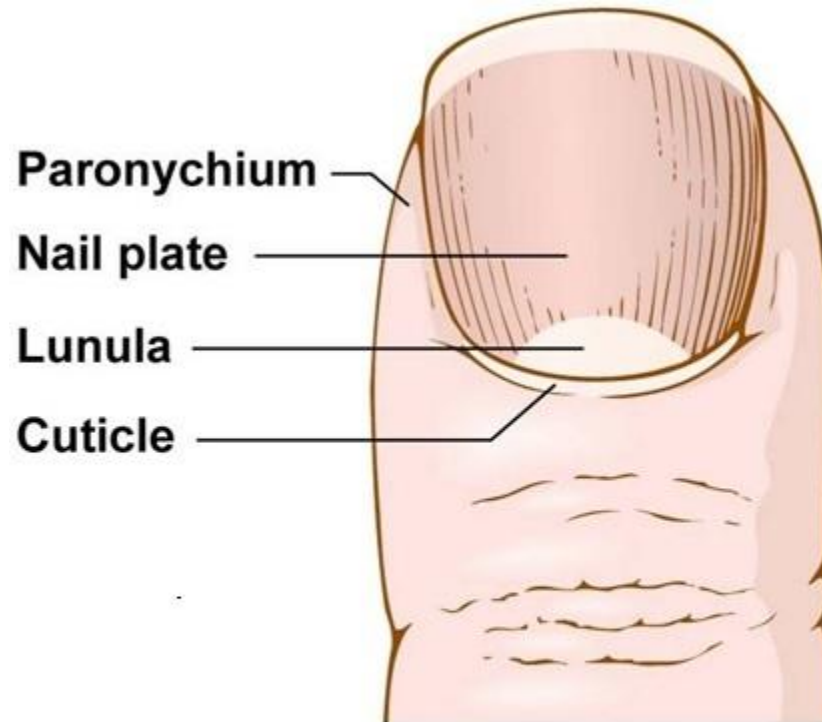
- Nails



NAIL
(onych/o, ungu/o)

Skin and Sense Organ Anatomy (Cont.)

- Nails



NAIL

Skin and Sense Organ Terminology (Cont.)

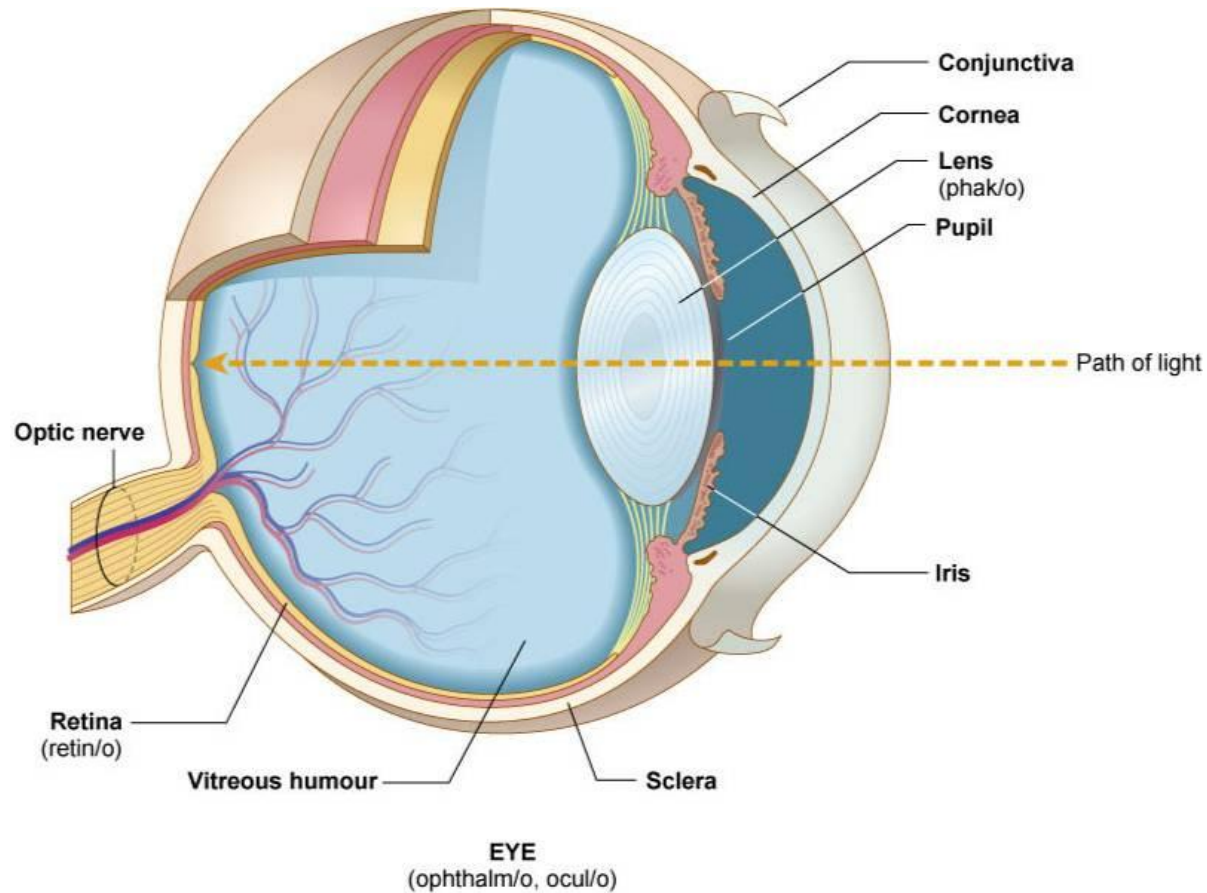
- Nails

Combining Form	Meaning	Medical Term
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- onych/o nail onycholysis
- ungu/o nail subungual

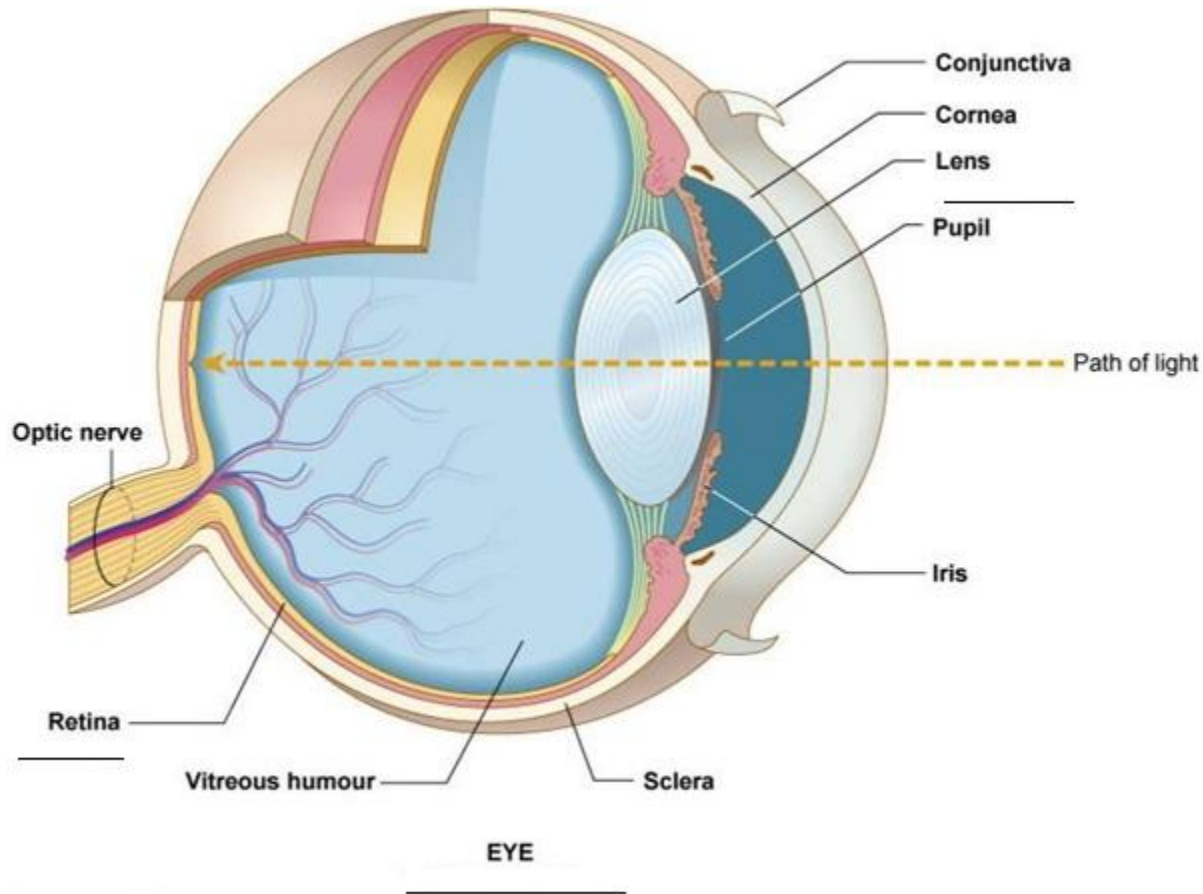
Skin and Sense Organ Anatomy (Cont.)

- The Eye



Skin and Sense Organ Anatomy (Cont.)

- The Eye



Skin and Sense Organ Terminology (Cont.)

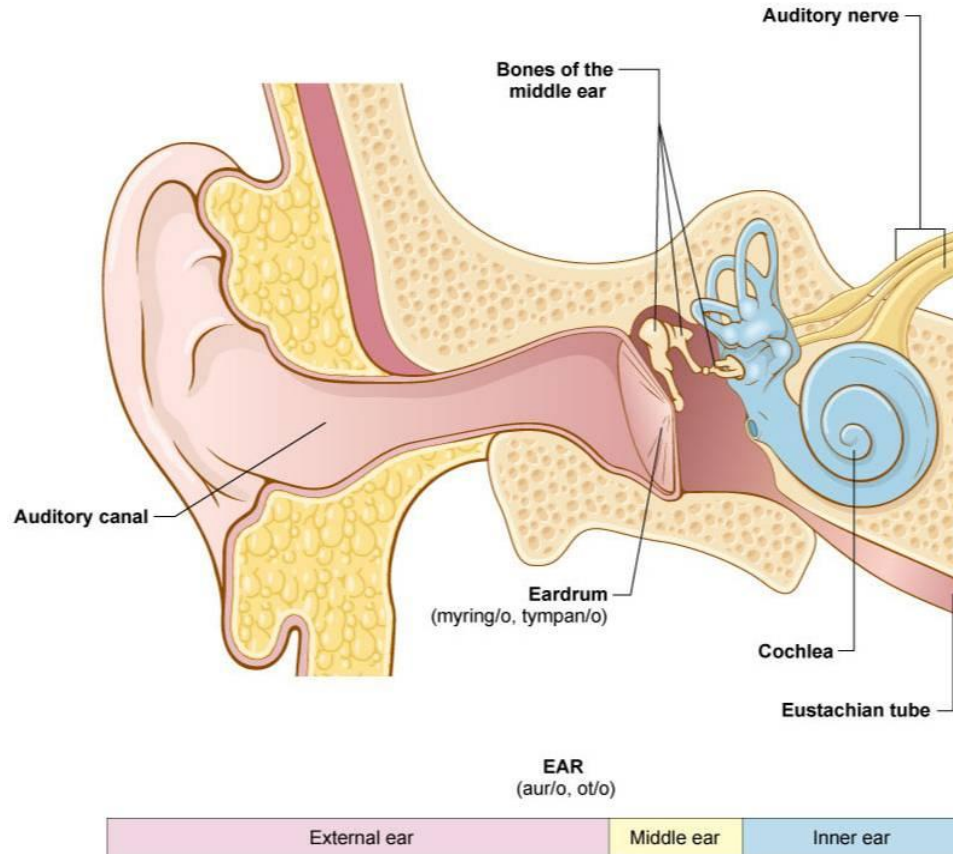
- The Eye

Combining Form	Meaning	Medical Term
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- ocul/o eye ocular
- ophthalm/o eye ophthalmoscope
- phak/o lens of the eye aphakia
- retin/o retina retinopathy

Skin and Sense Organ Anatomy (Cont.)

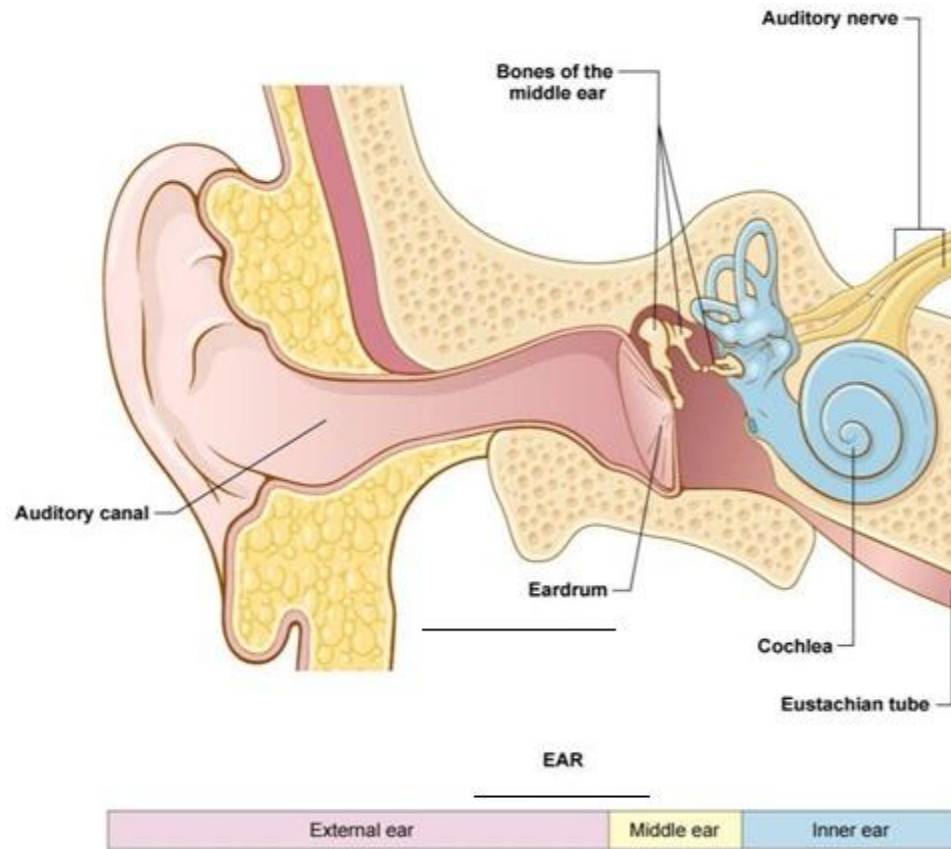
- The Ear



(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Skin and Sense Organ Anatomy (Cont.)

- The Ear



(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

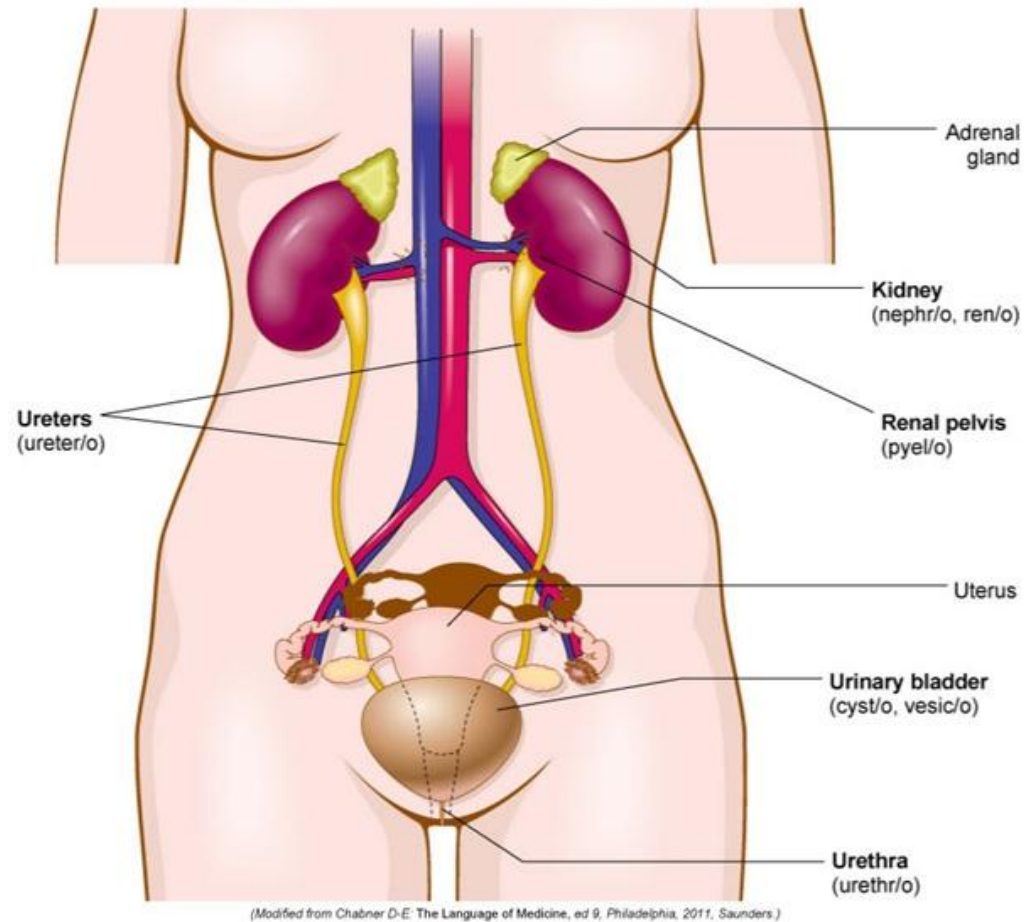
Skin and Sense Organ Terminology (Cont.)

- The Ear

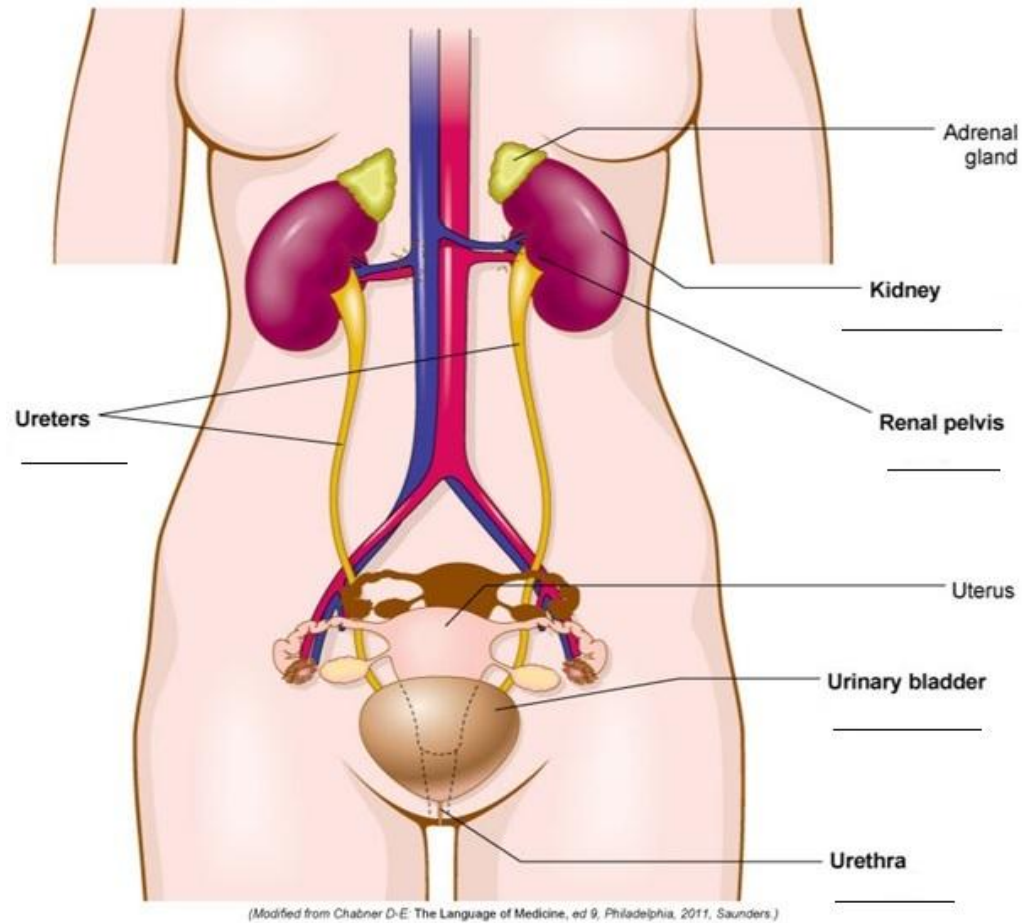
Combining Form	Meaning	Medical Term
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- aur/o ear aural discharge
- ot/o ear otitis
- myring/o eardrum myringotomy
- tympan/o eardrum tympanoplasty

Urinary System Anatomy



Urinary System Anatomy (Cont.)



Urinary System Terminology

Combining Form	Meaning	Medical Term
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- cyst/o urinary bladder cystoscopy
- vesic/o urinary bladder intravesical
- nephr/o kidney nephritis
- ren/o kidney renal

Urinary System Terminology (Cont.)

Combining Form Meaning Medical Term

- pyel/o renal pelvispyelogram
- ureter/o ureter ureterectomy
- urethr/o urethra urethritis

Questions?