

Body Systems

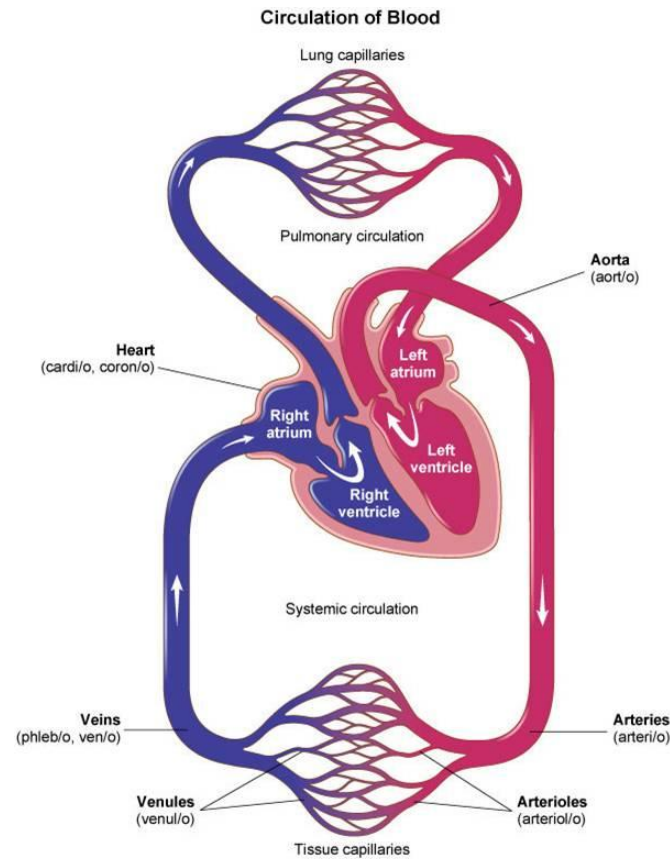
Appendix 1

Lesson 1.1

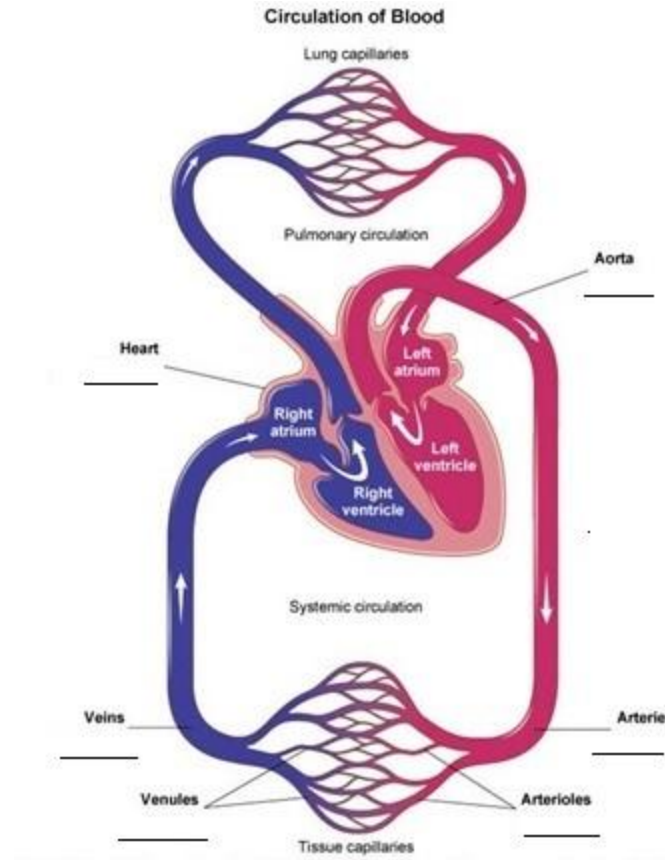
Body Systems

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

Cardiovascular System Anatomy



Cardiovascular System Anatomy (Cont.)



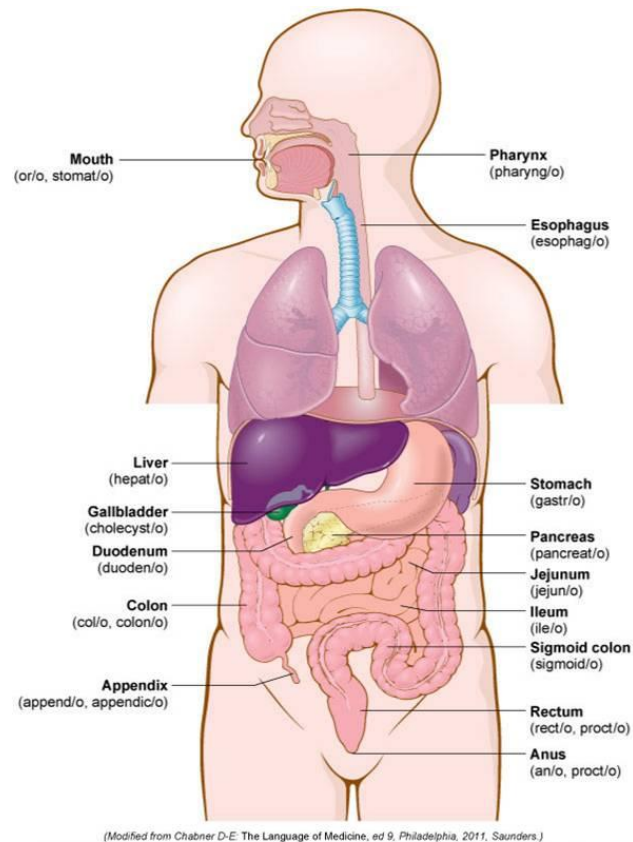
Cardiovascular System Terminology

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

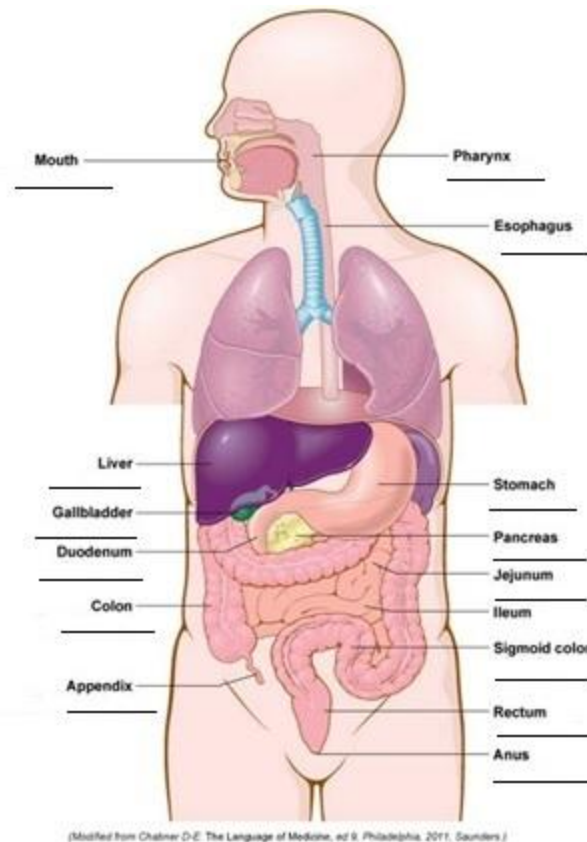
Cardiovascular System Terminology (Cont.)

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

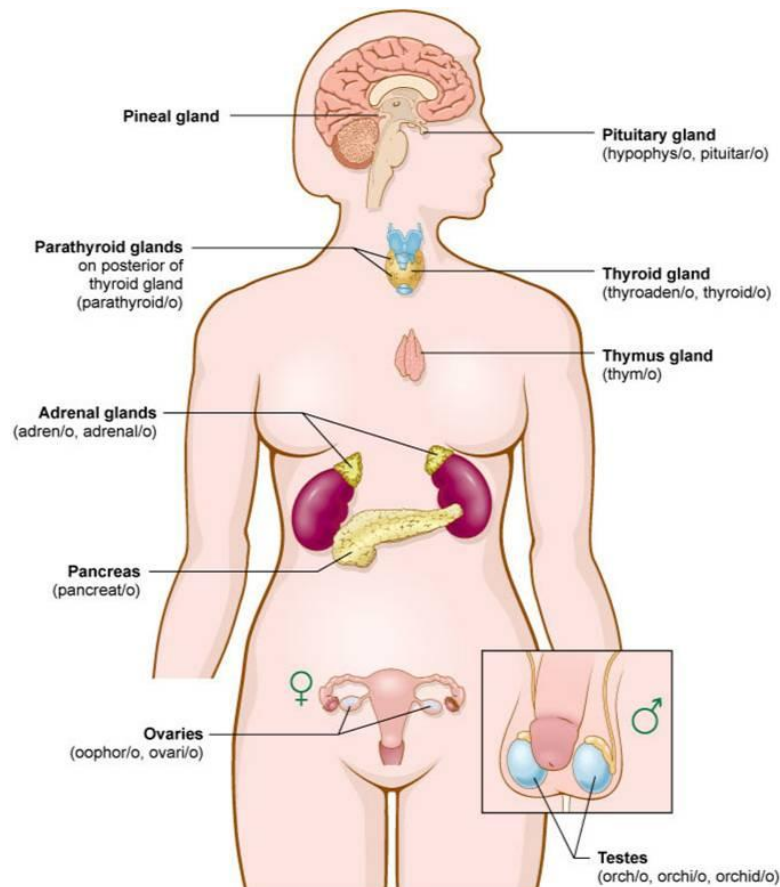
Digestive System Terminology (Cont.)

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.)

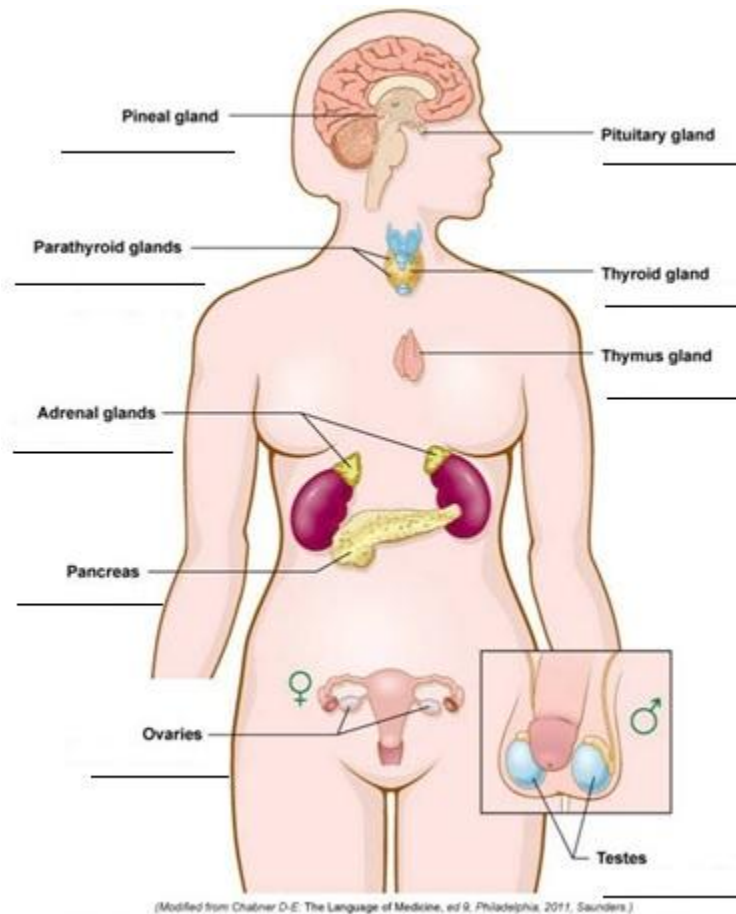
Combining Form	Meaning	Medical Term
● pancreat/o	pancreas	pancreatitis
● rect/o	rectum	rectocele
● sigmoid/o	sigmoid colon	sigmoidoscopy
● stomat/o	mouth	stomatitis

Endocrine System Anatomy



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

Endocrine System Anatomy (Cont.)



Endocrine System Terminology

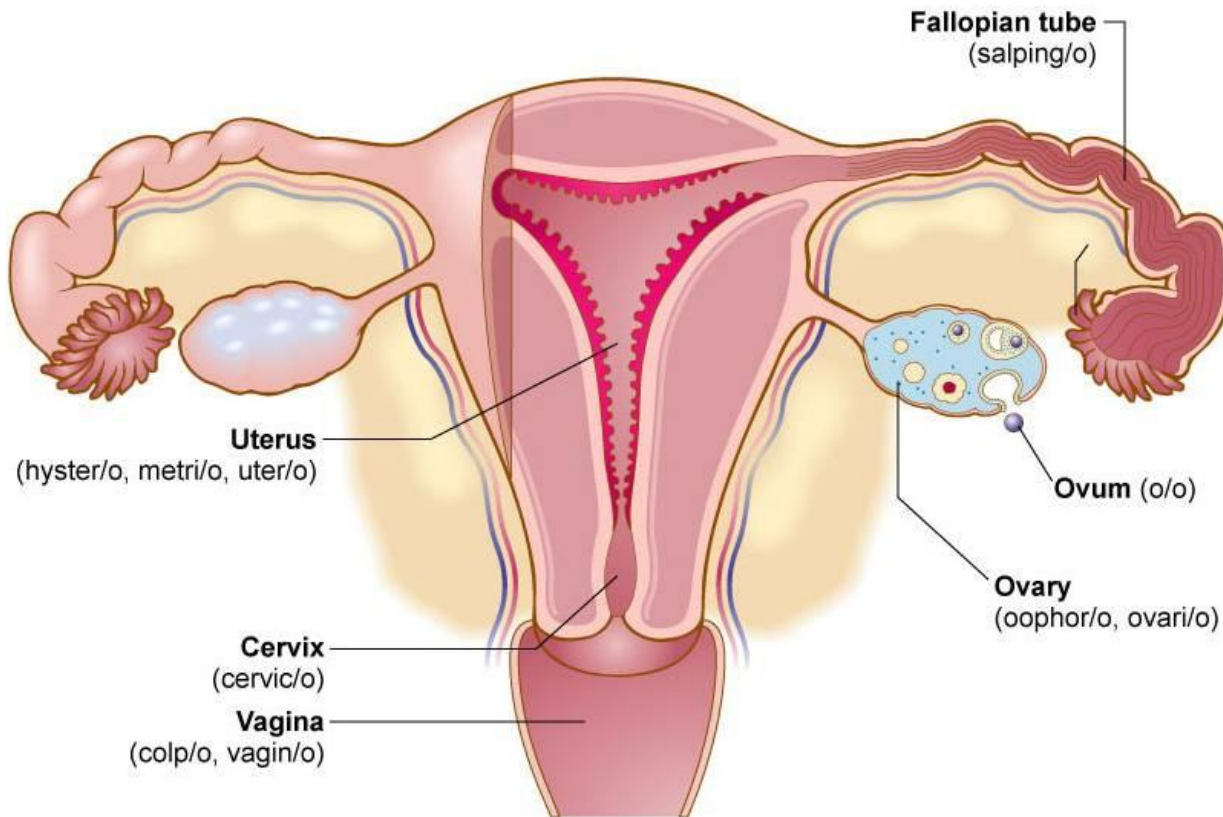
Combining Form	Meaning	Medical Term
● adren/o	adrenal gland	adrenopathy
● adrenal/o	adrenal gland	adrenalectomy
● hypophys/o	pituitary gland	hypophyseal
● pancreat/o	pancreas	pancreatectomy

Lesson 1.2

Body Systems

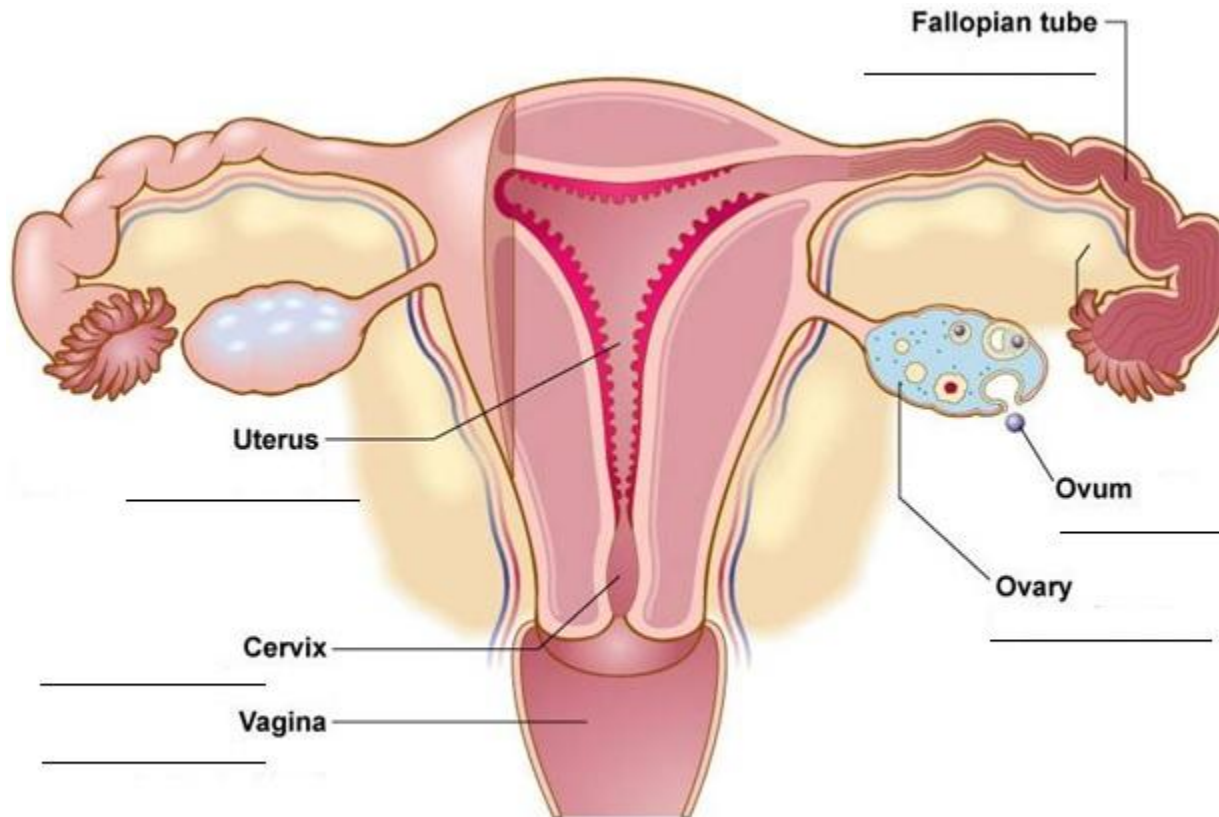
- 4. Female Reproductive System
- 5. Lymphatic System
- 6. Male Reproductive System

Female Reproductive System Anatomy



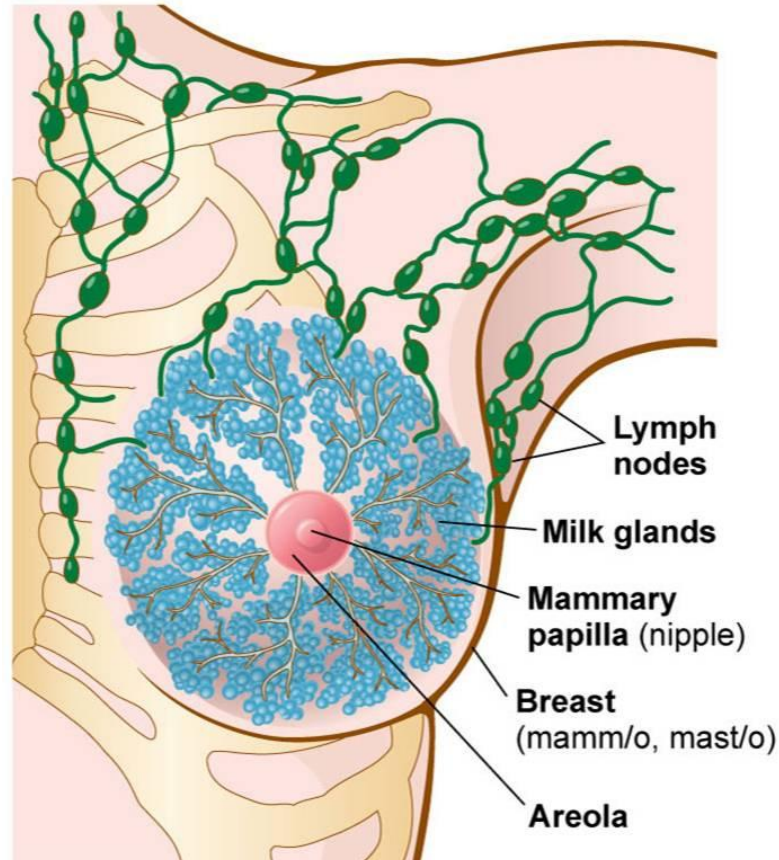
(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Female Reproductive System Anatomy (Cont.)



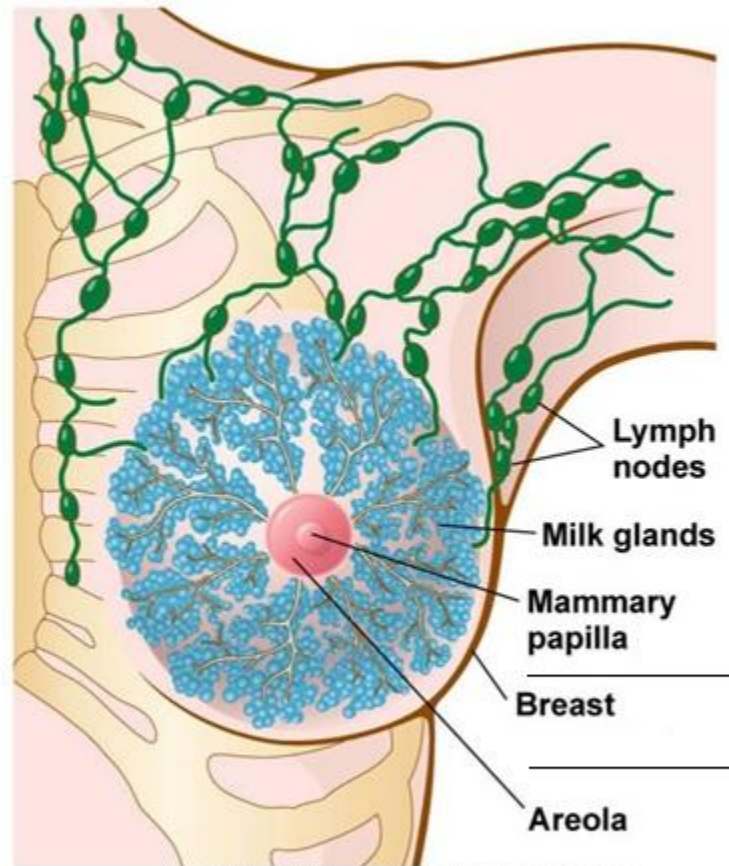
(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

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.)

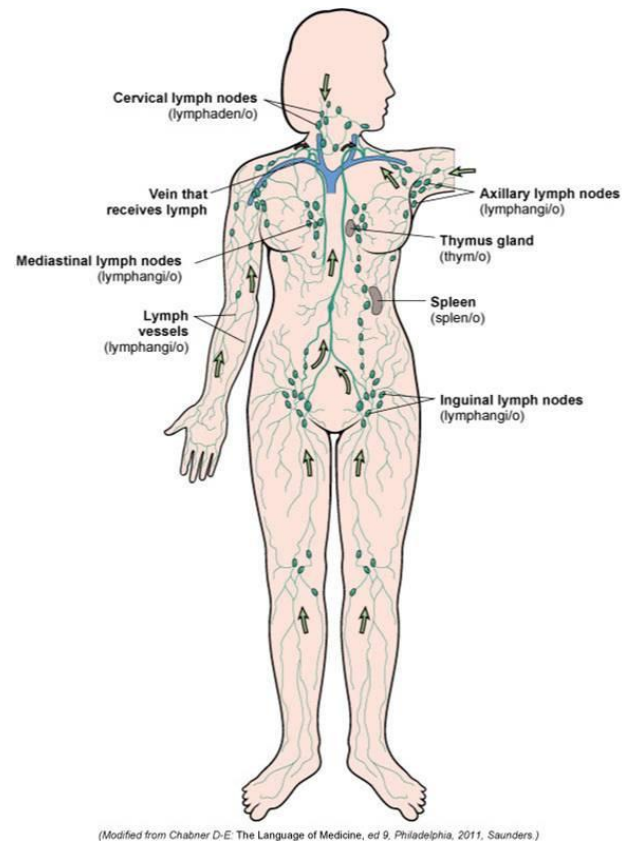
Female Reproductive System Terminology

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

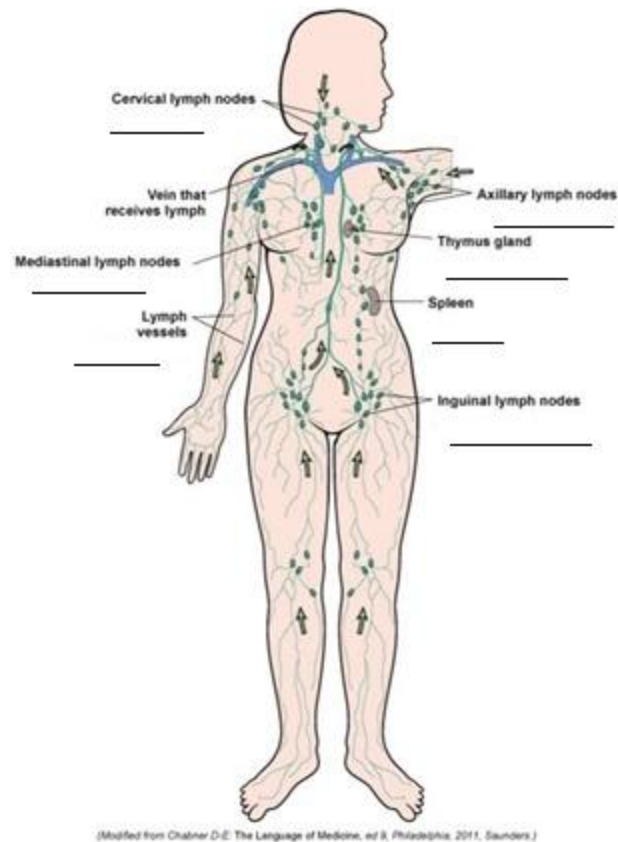
Female Reproductive System Terminology (Cont.)

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

Lymphatic System Anatomy



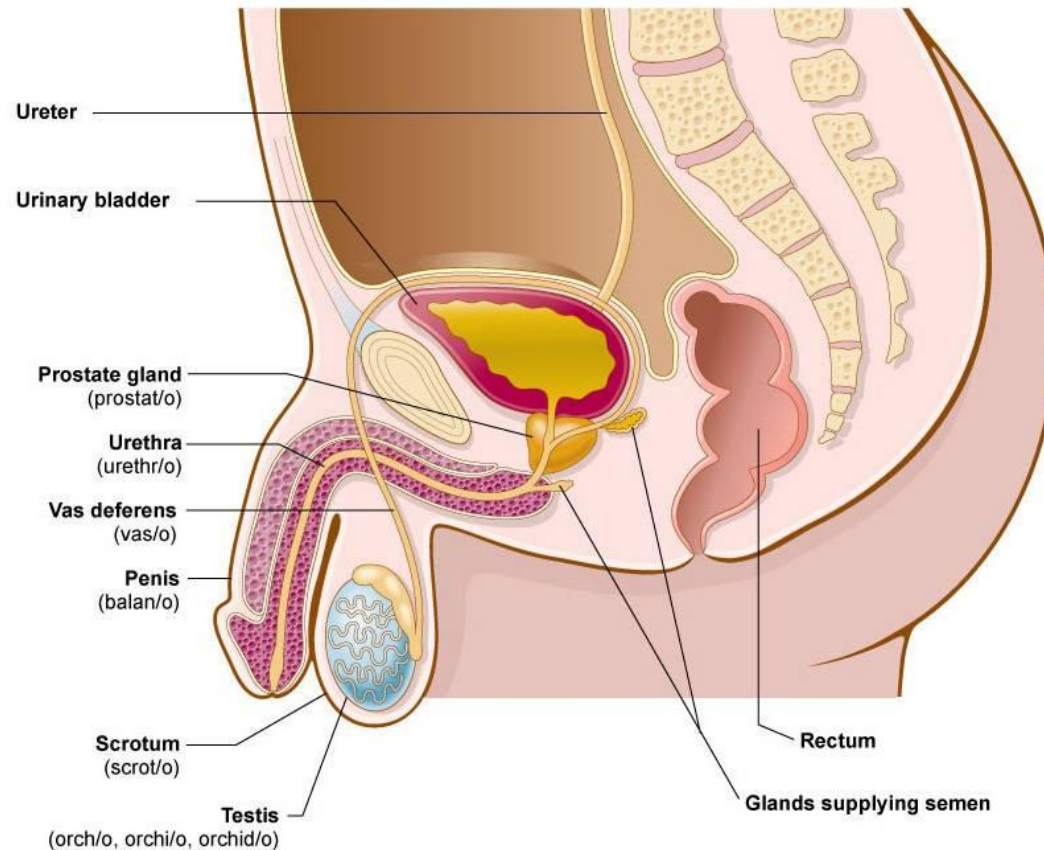
Lymphatic System Anatomy (Cont.)



Lymphatic System Terminology

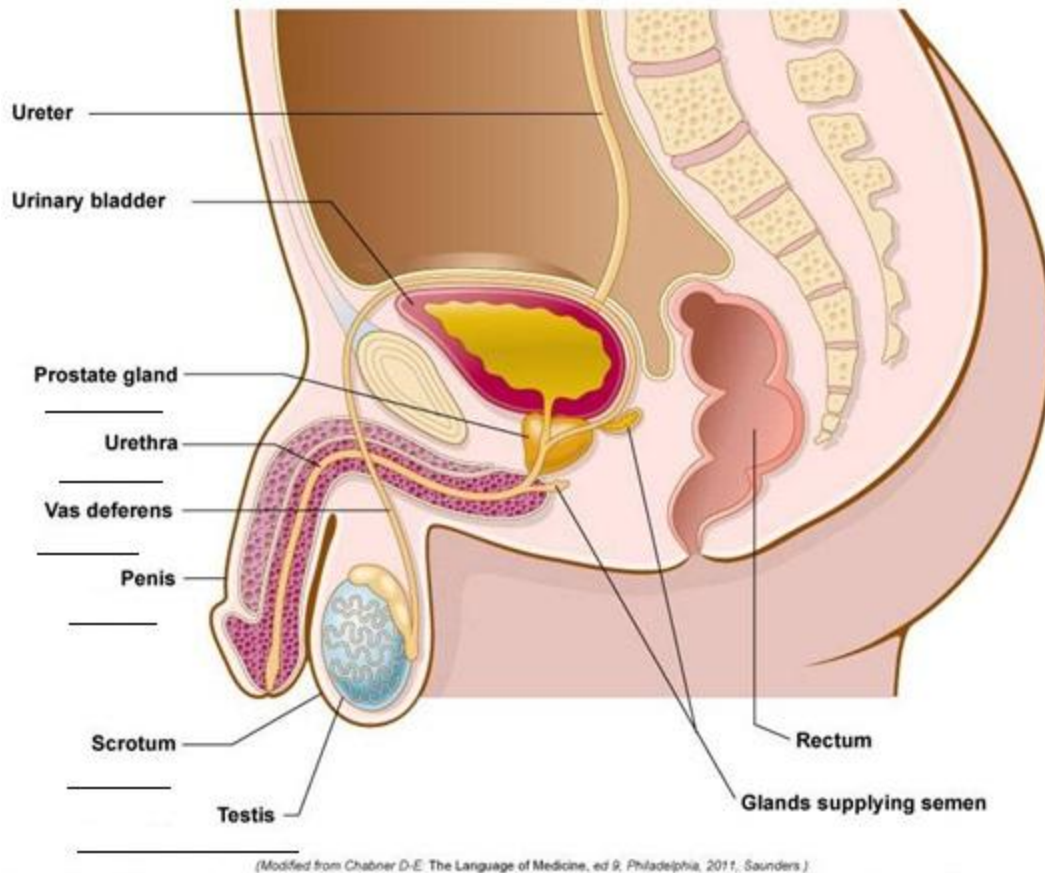
Combining Form	Meaning	Medical Term
● lymph/o	lymph fluid	lymphoma
● lymphaden/o	lymph node ("gland")	lymphadenectomy
● lymphangi/o	lymph vessel	lymphangiectasis

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

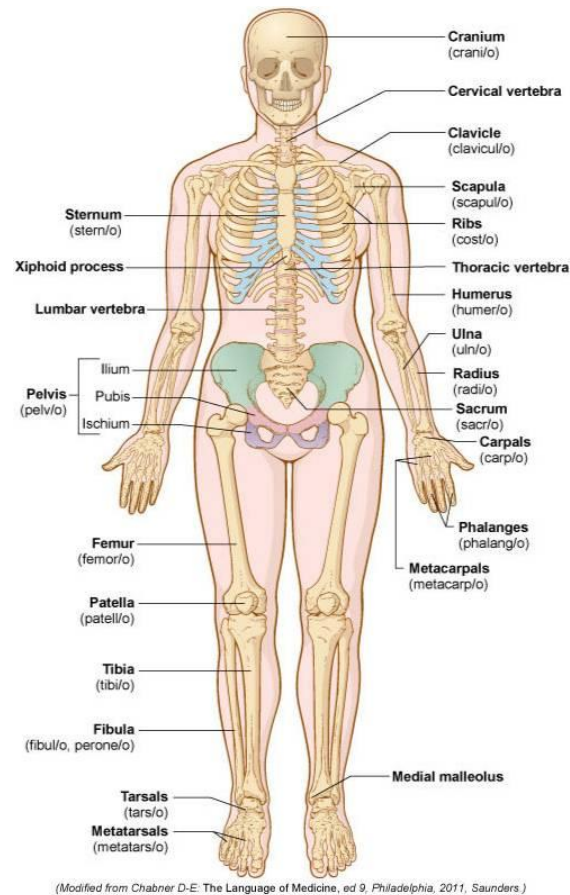
Combining Form	Meaning	Medical Term
● balan/o	penis	balanitis
● orch/o	testis	orchitis
● orchi/o	testis	orchiectomy
● orchid/o	testis	orchidectomy
● prostat/o	prostate gland	prostatectomy

Lesson 1.3

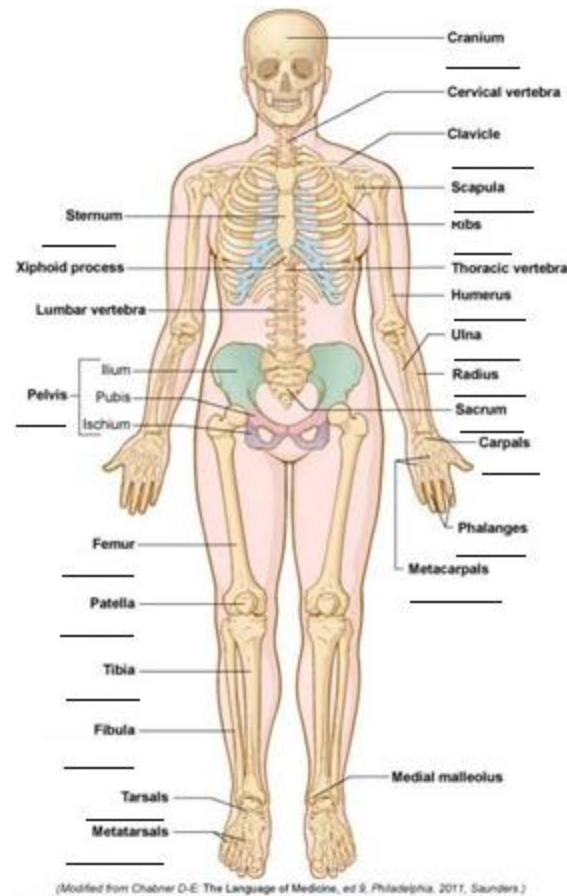
Body Systems

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

Musculoskeletal System Anatomy

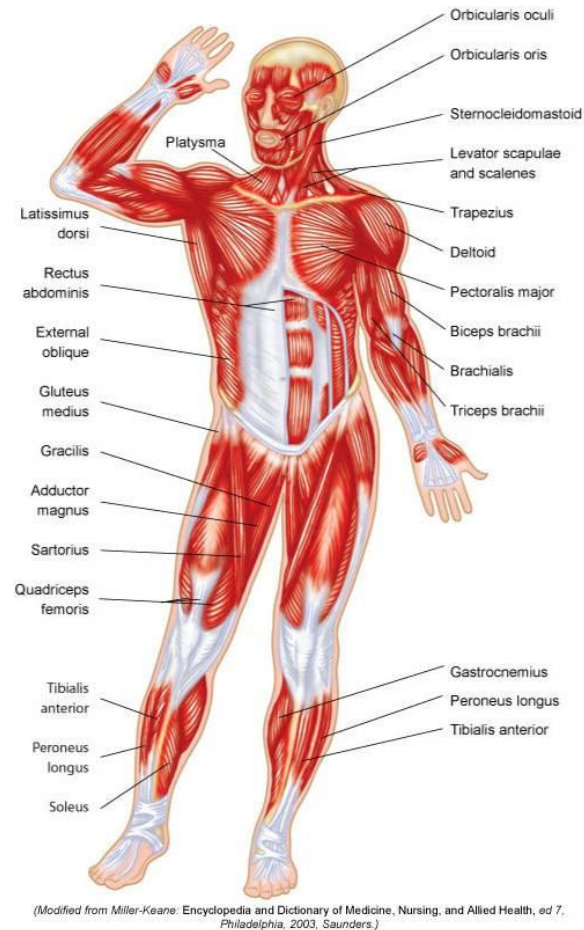


Musculoskeletal System Anatomy (Cont.)



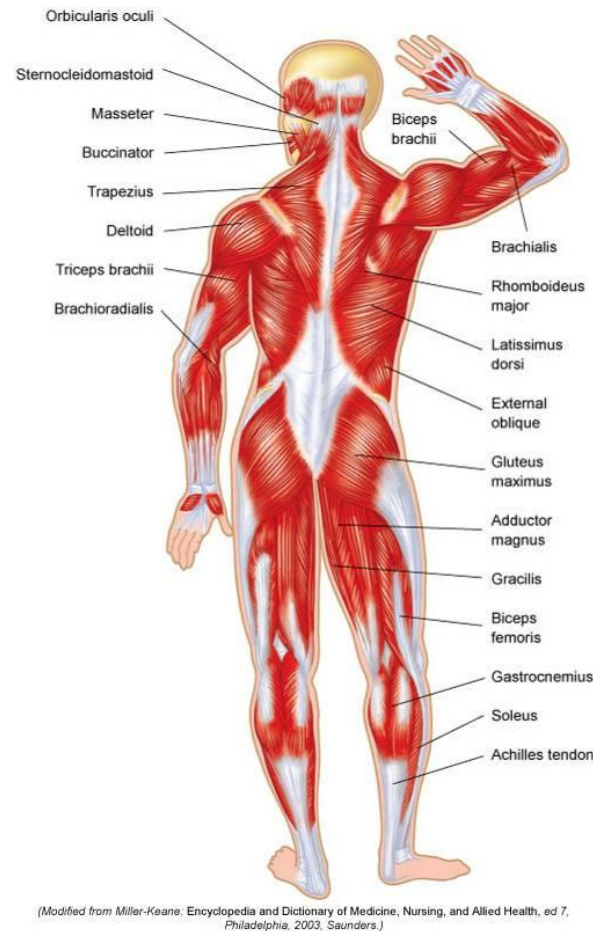
Musculoskeletal System Anatomy (Cont.)

The anterior superficial muscles



Musculoskeletal System Anatomy (Cont.)

The posterior superficial muscles



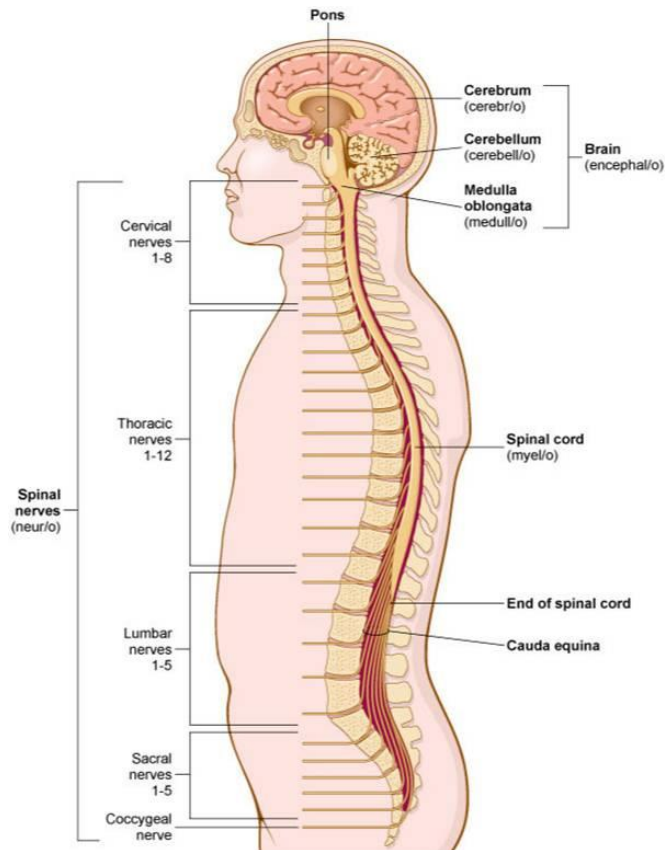
Musculoskeletal System Terminology

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

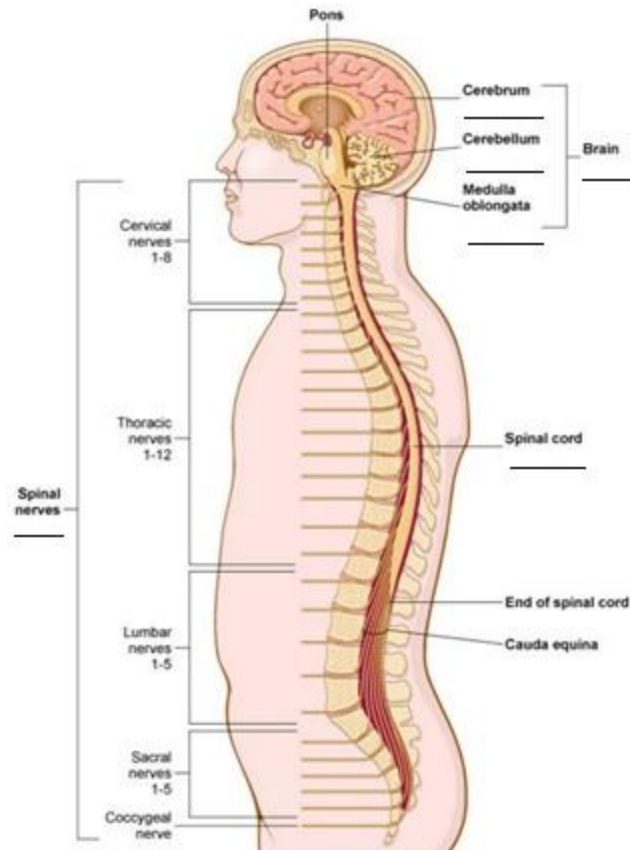
Musculoskeletal System Terminology (Cont.)

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

Nervous System Anatomy



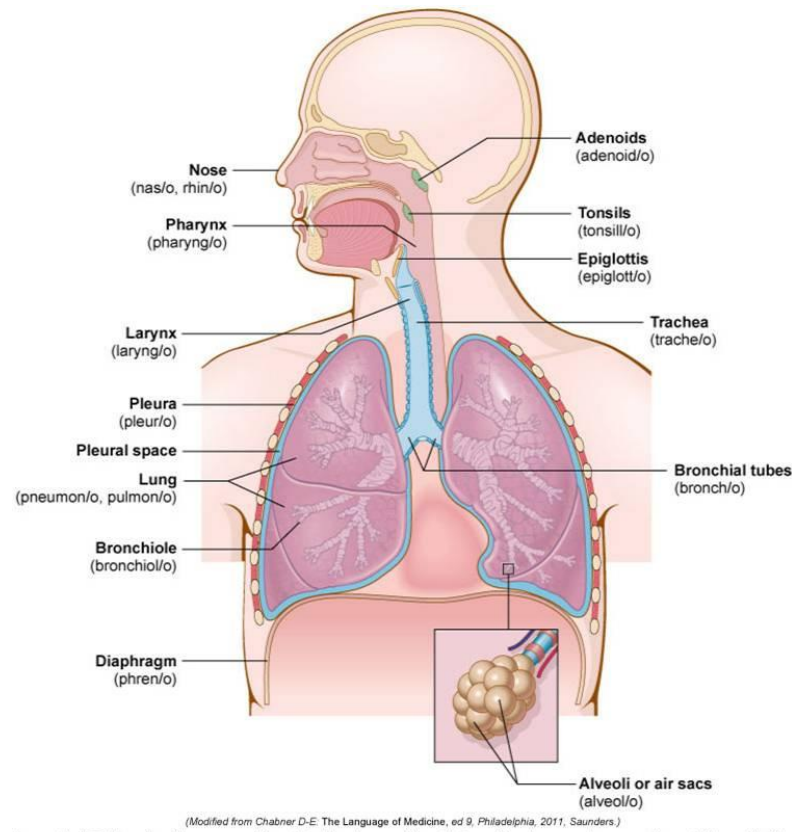
Nervous System Anatomy (Cont.)



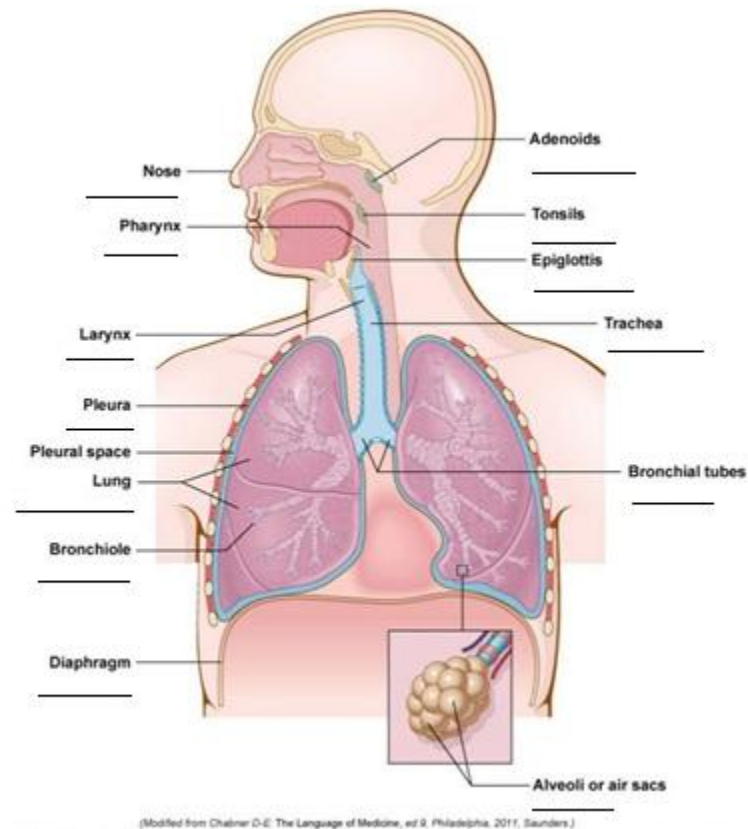
Nervous System Terminology

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



Respiratory System Anatomy (Cont.)



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

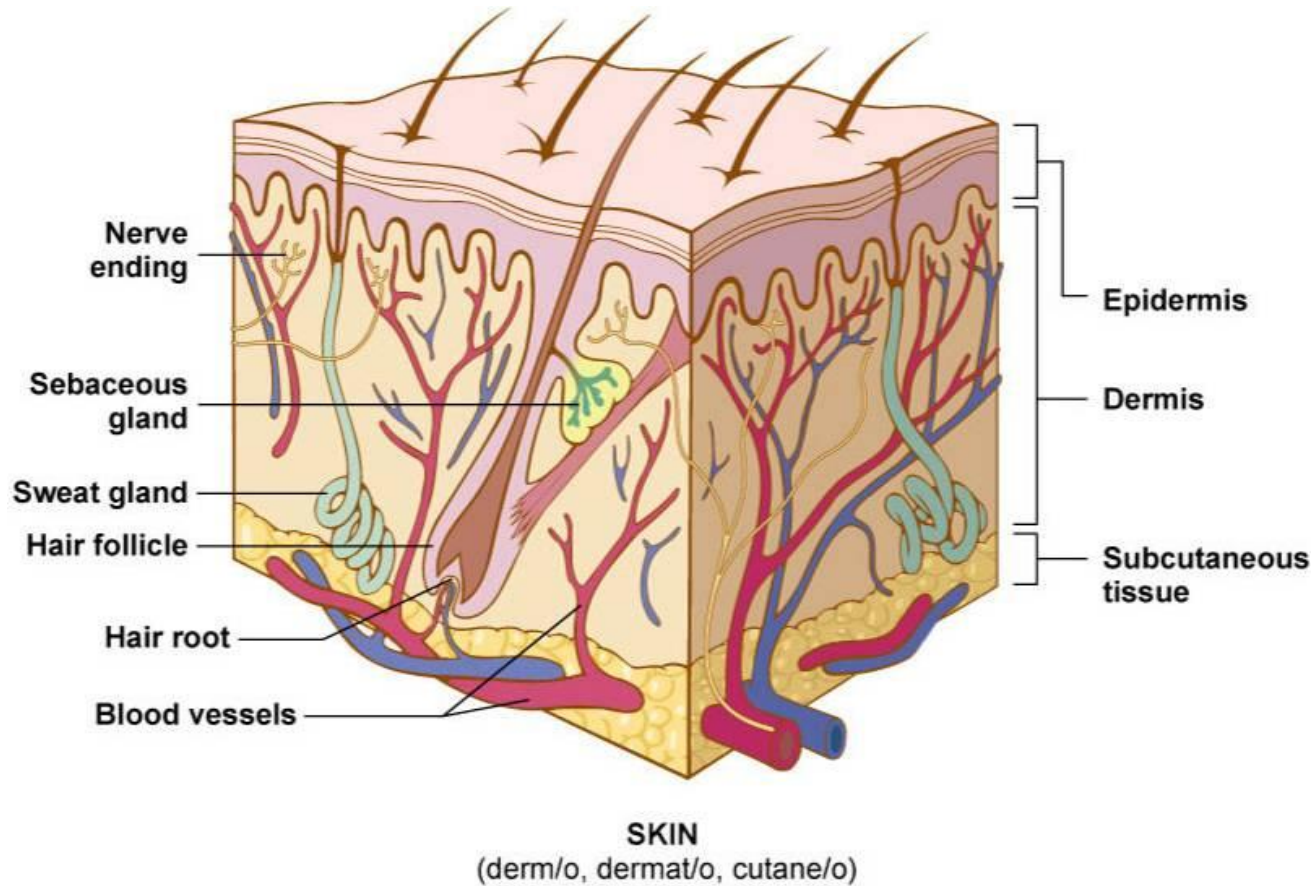
Lesson 1.4

Body Systems

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

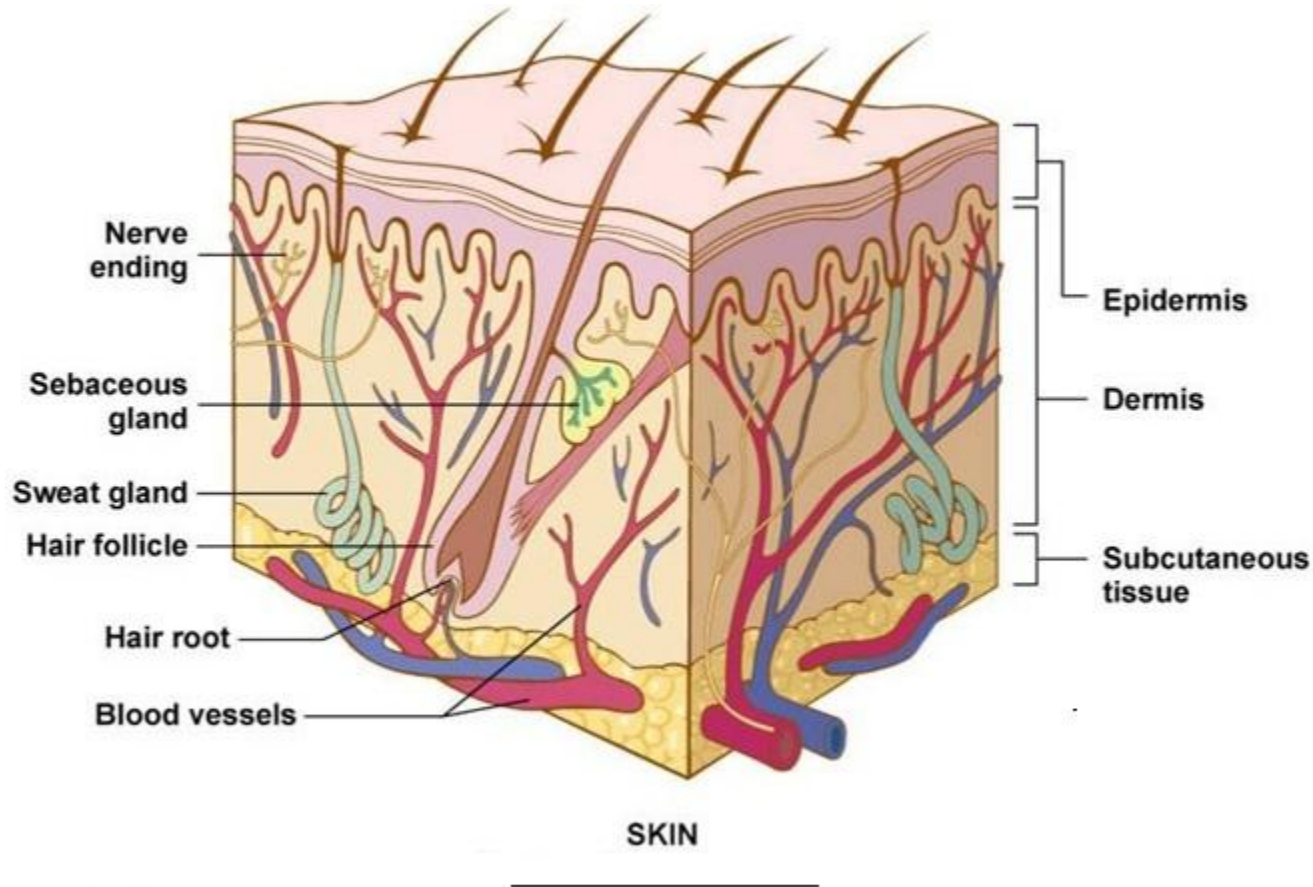
Skin and Sense Organ Anatomy

- The Skin



Skin and Sense Organ Anatomy (Cont.)

- The Skin



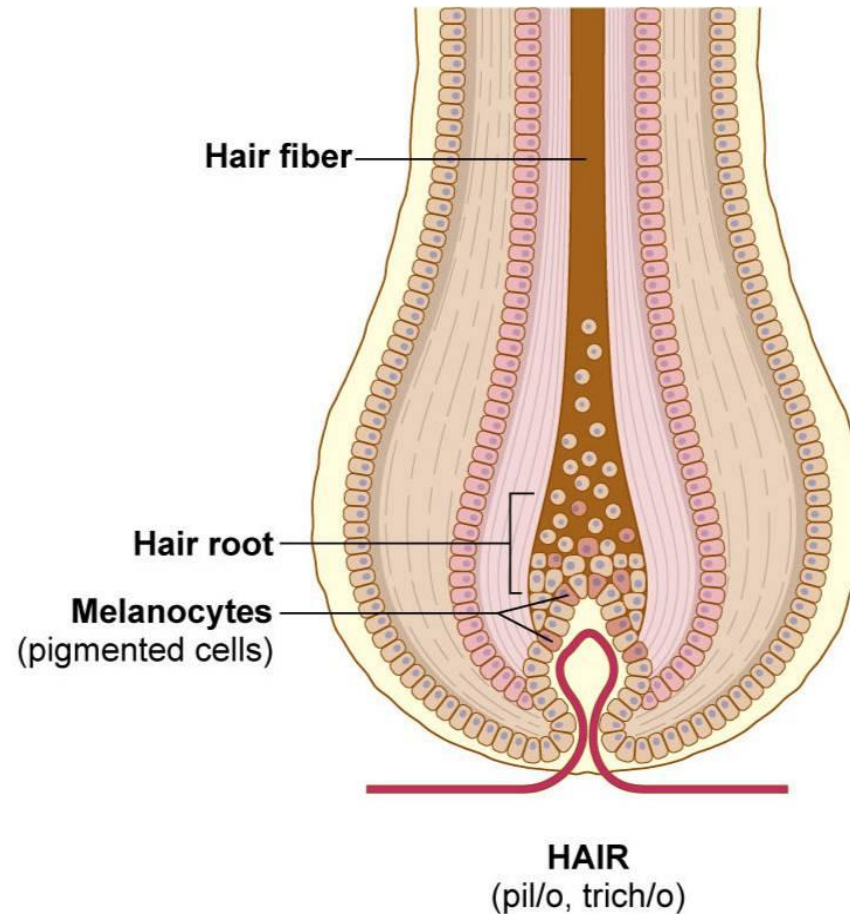
Skin and Sense Organ Terminology

- The Skin

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

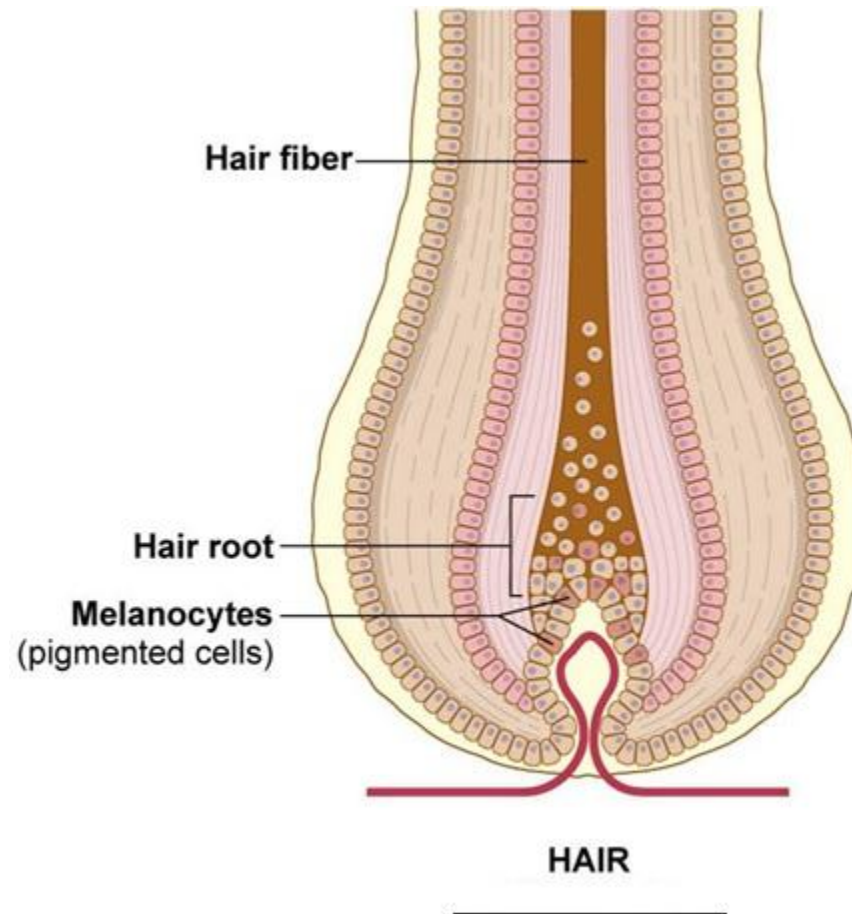
Skin and Sense Organ Anatomy (Cont.)

- Hair



Skin and Sense Organ Anatomy (Cont.)

- Hair



Skin and Sense Organ Terminology (Cont.)

- Hair

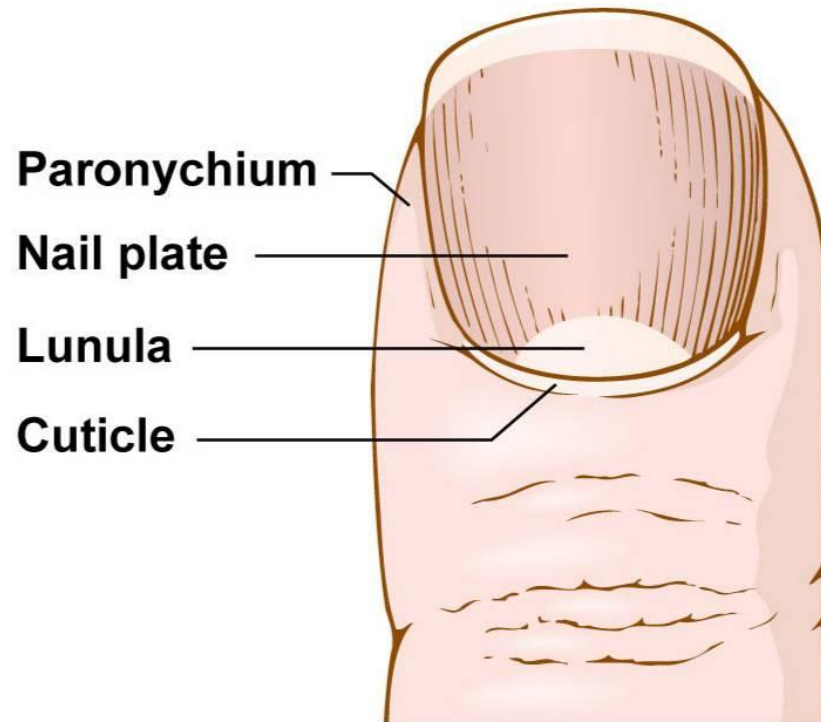
Combining Form	Meaning	Medical Term
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● pil/o	hair	pilosebaceous
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● trich/o	hair	trichophagia
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Skin and Sense Organ Anatomy (Cont.)

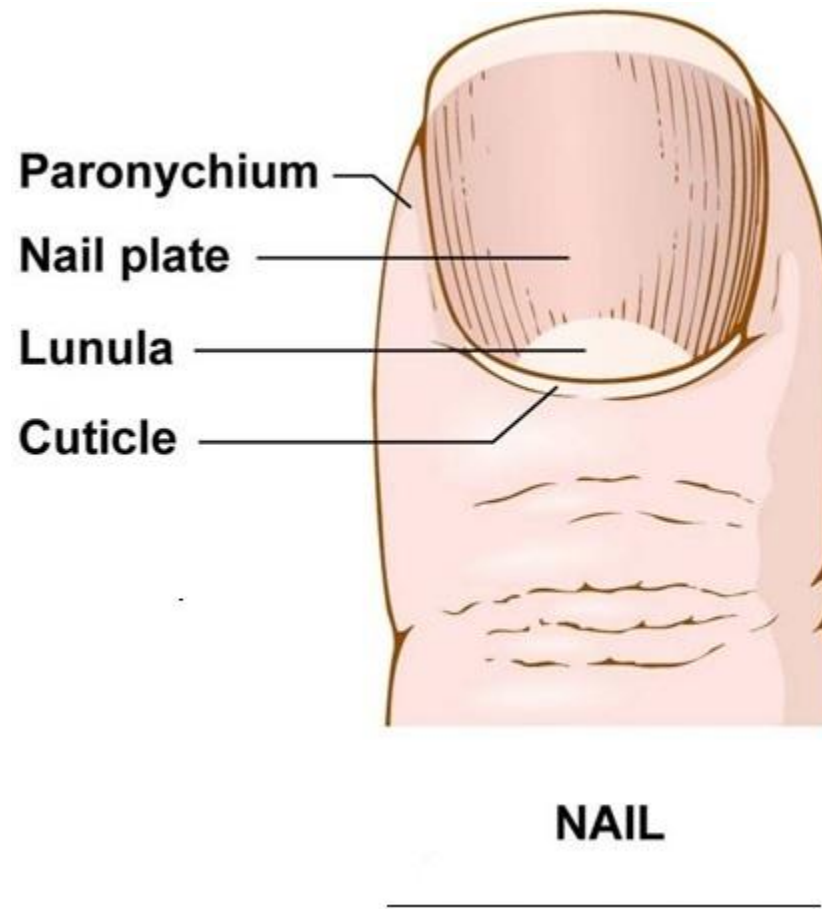
- Nails



NAIL
(onych/o, ungu/o)

Skin and Sense Organ Anatomy (Cont.)

- Nails



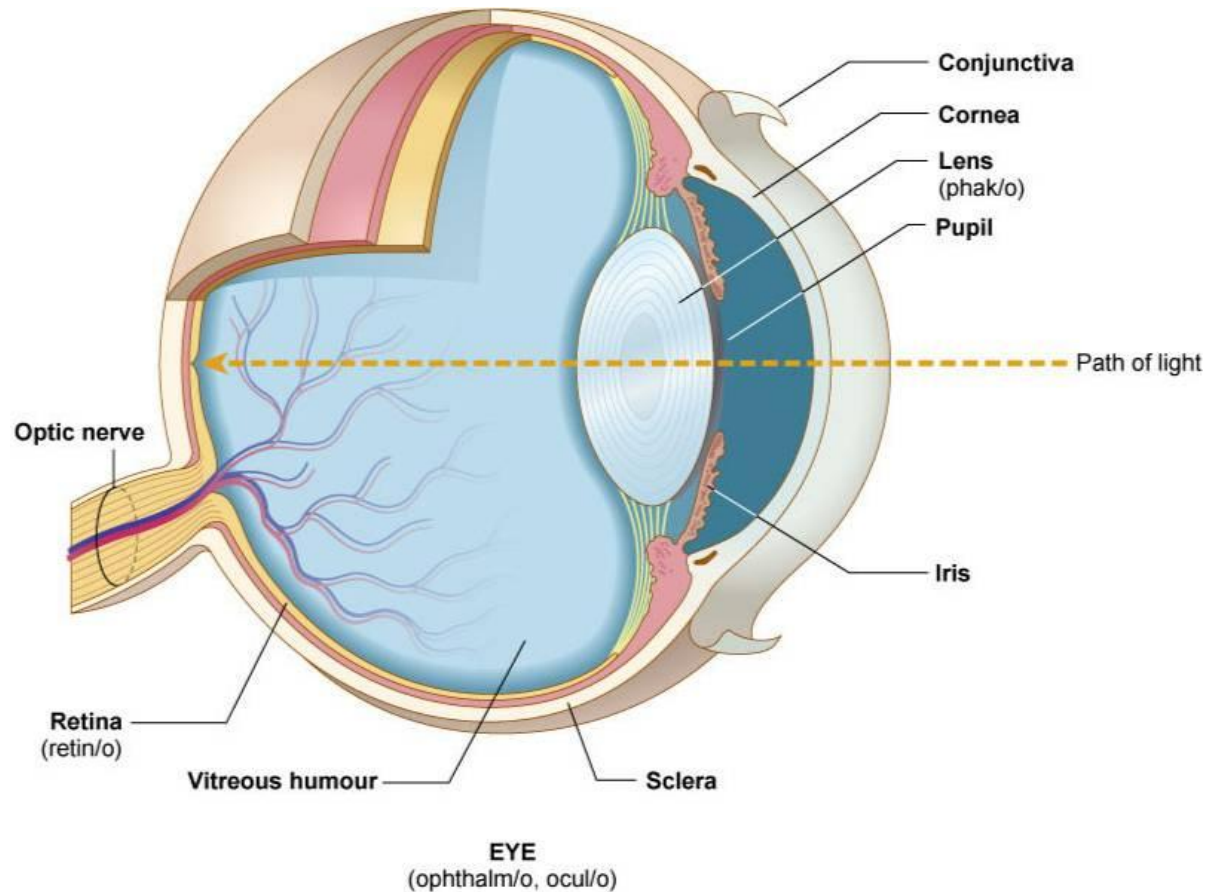
Skin and Sense Organ Terminology (Cont.)

- Nails

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

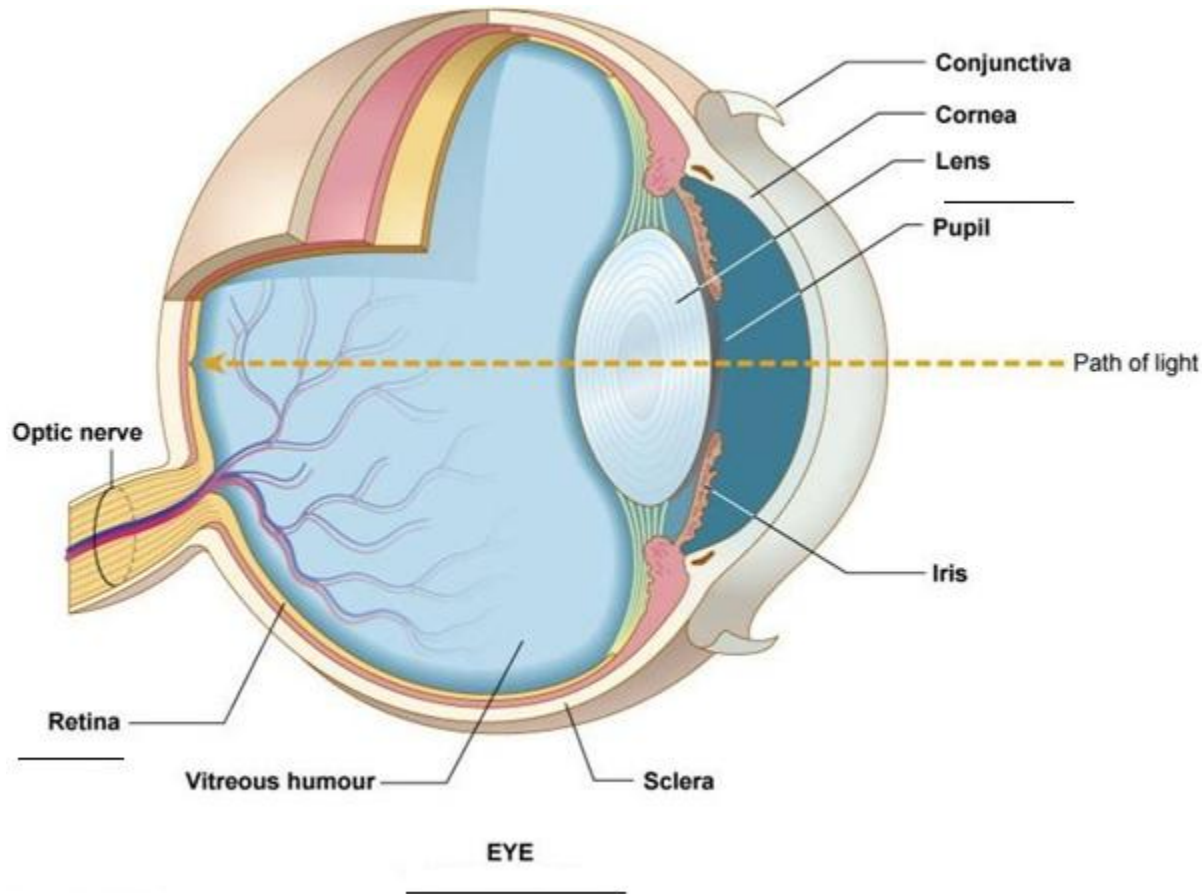
Skin and Sense Organ Anatomy (Cont.)

- The Eye



Skin and Sense Organ Anatomy (Cont.)

- The Eye



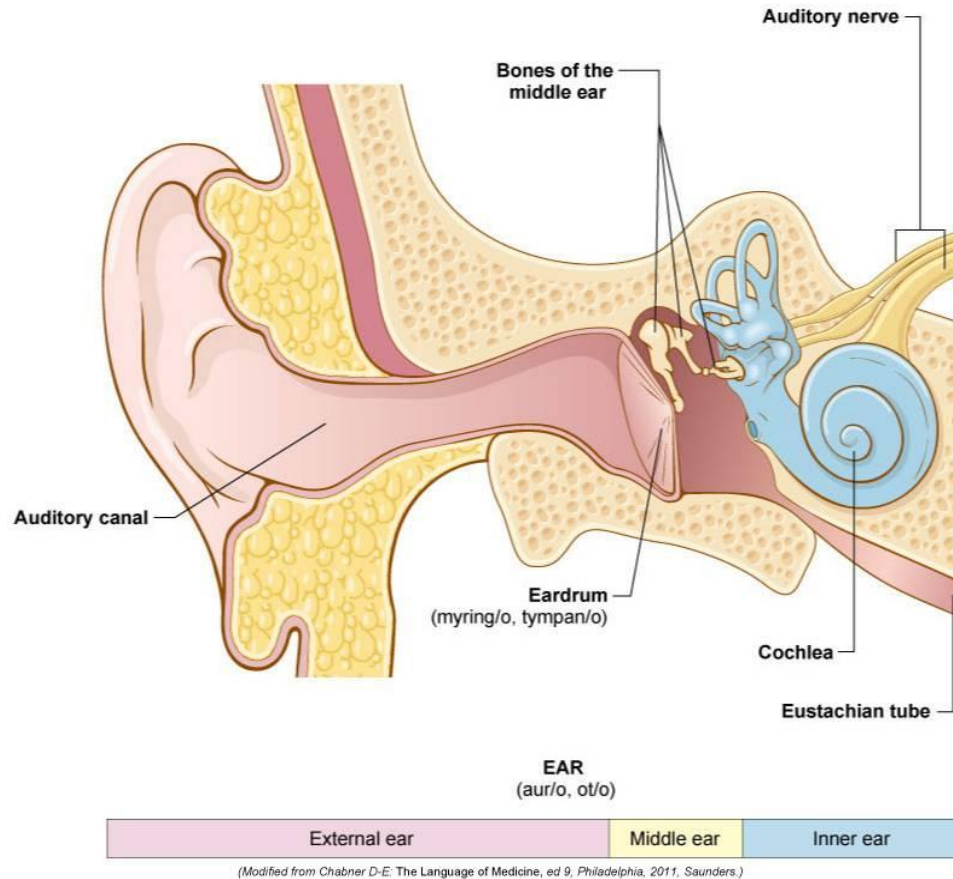
Skin and Sense Organ Terminology (Cont.)

- The Eye

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

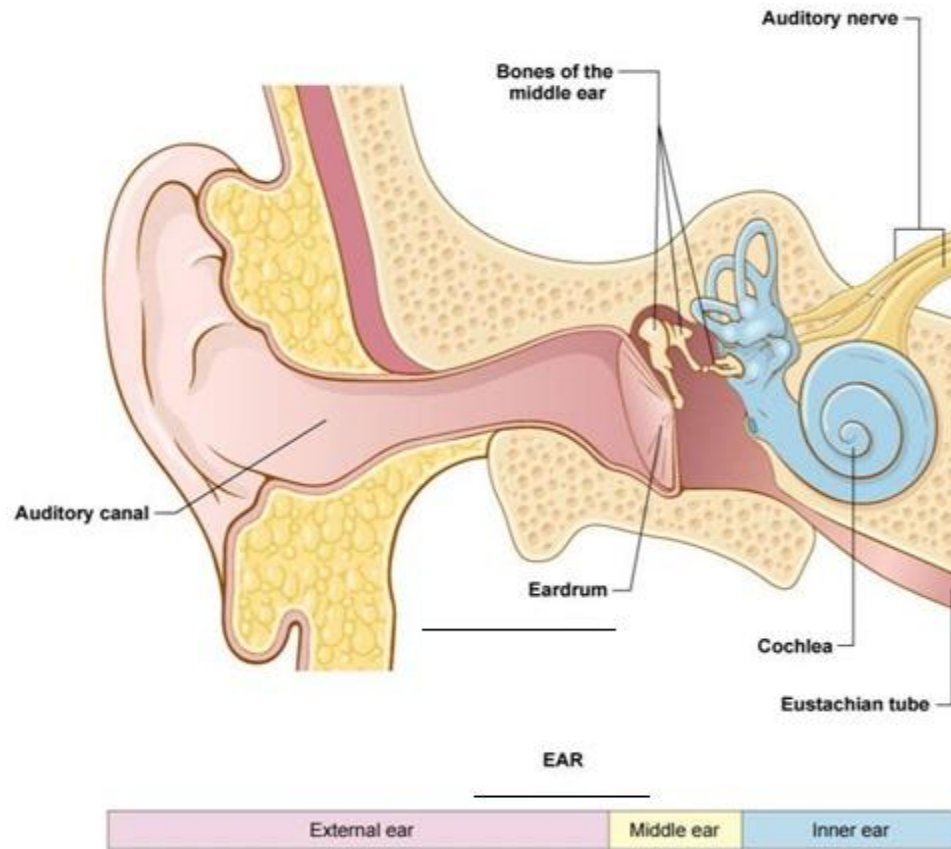
Skin and Sense Organ Anatomy (Cont.)

- The Ear



Skin and Sense Organ Anatomy (Cont.)

- The Ear



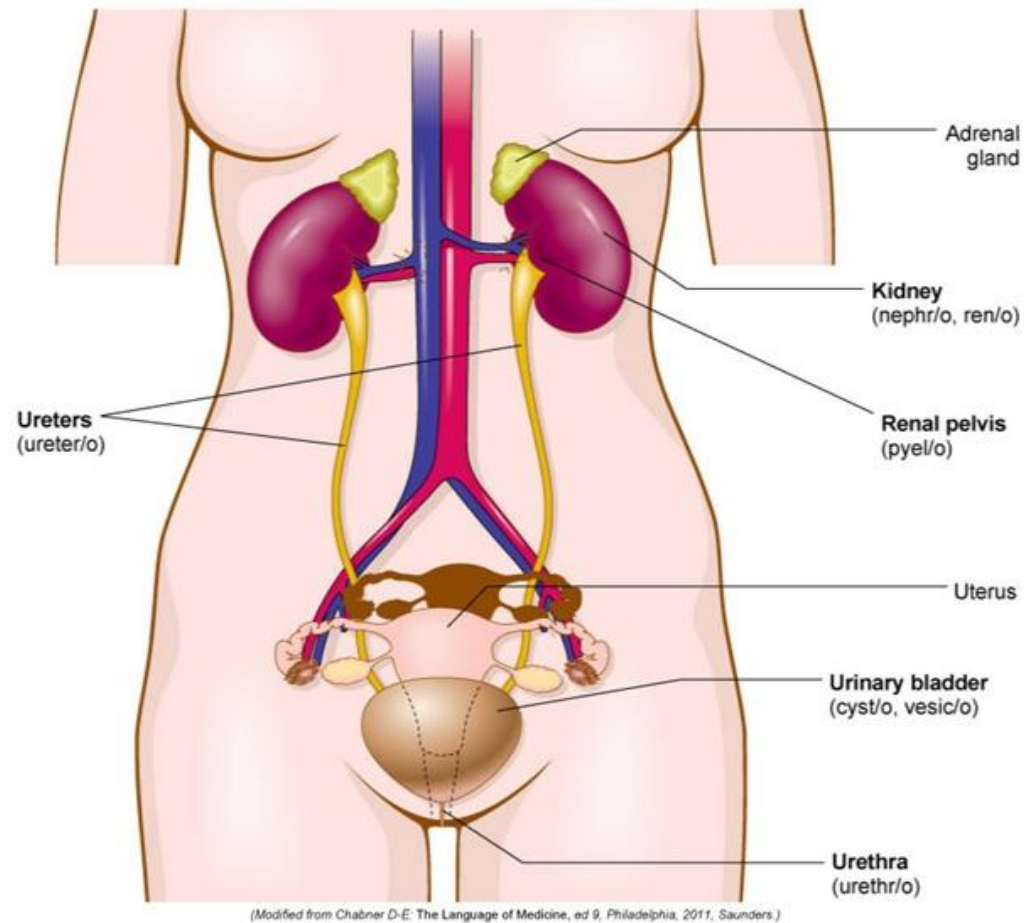
(Modified from Chabner D-E: The Language of Medicine, ed 9, Philadelphia, 2011, Saunders.)

Skin and Sense Organ Terminology (Cont.)

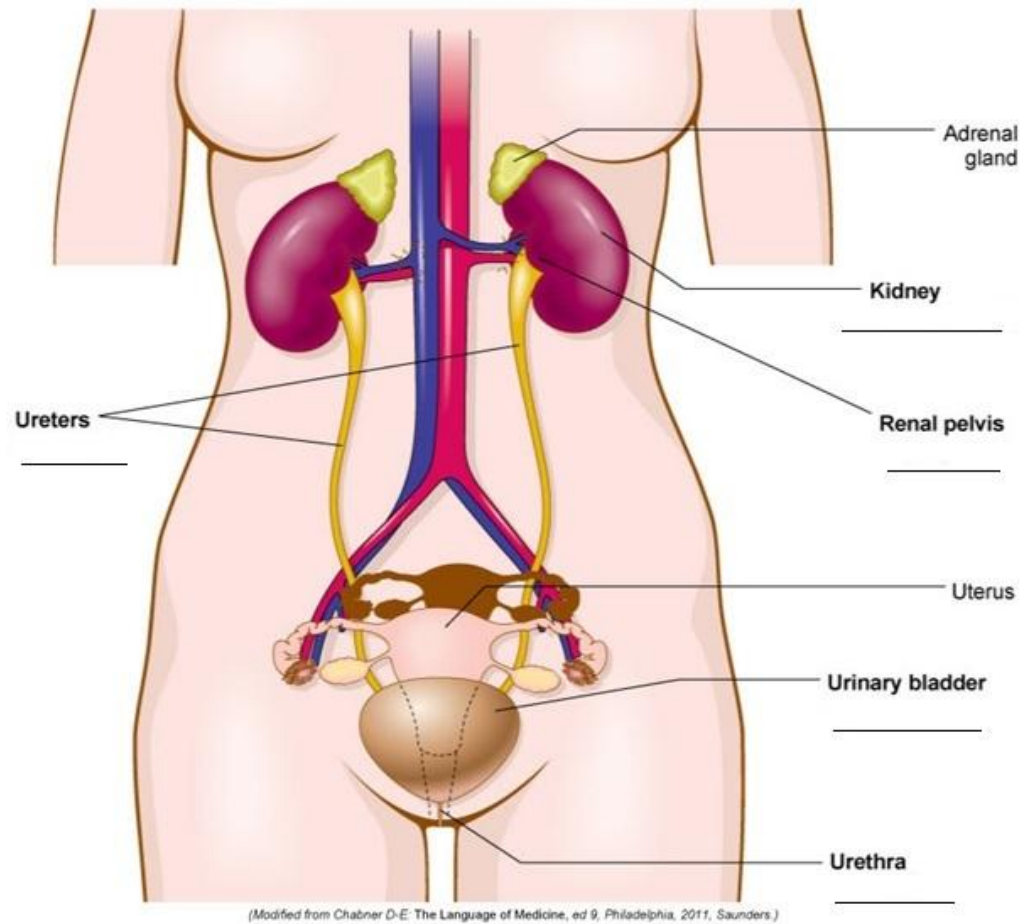
- The Ear

Combining Form	Meaning	Medical Term
● 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
● cyst/o	urinary bladder	cystoscopy
● vesic/o	urinary bladder	intravesical
● nephro/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?