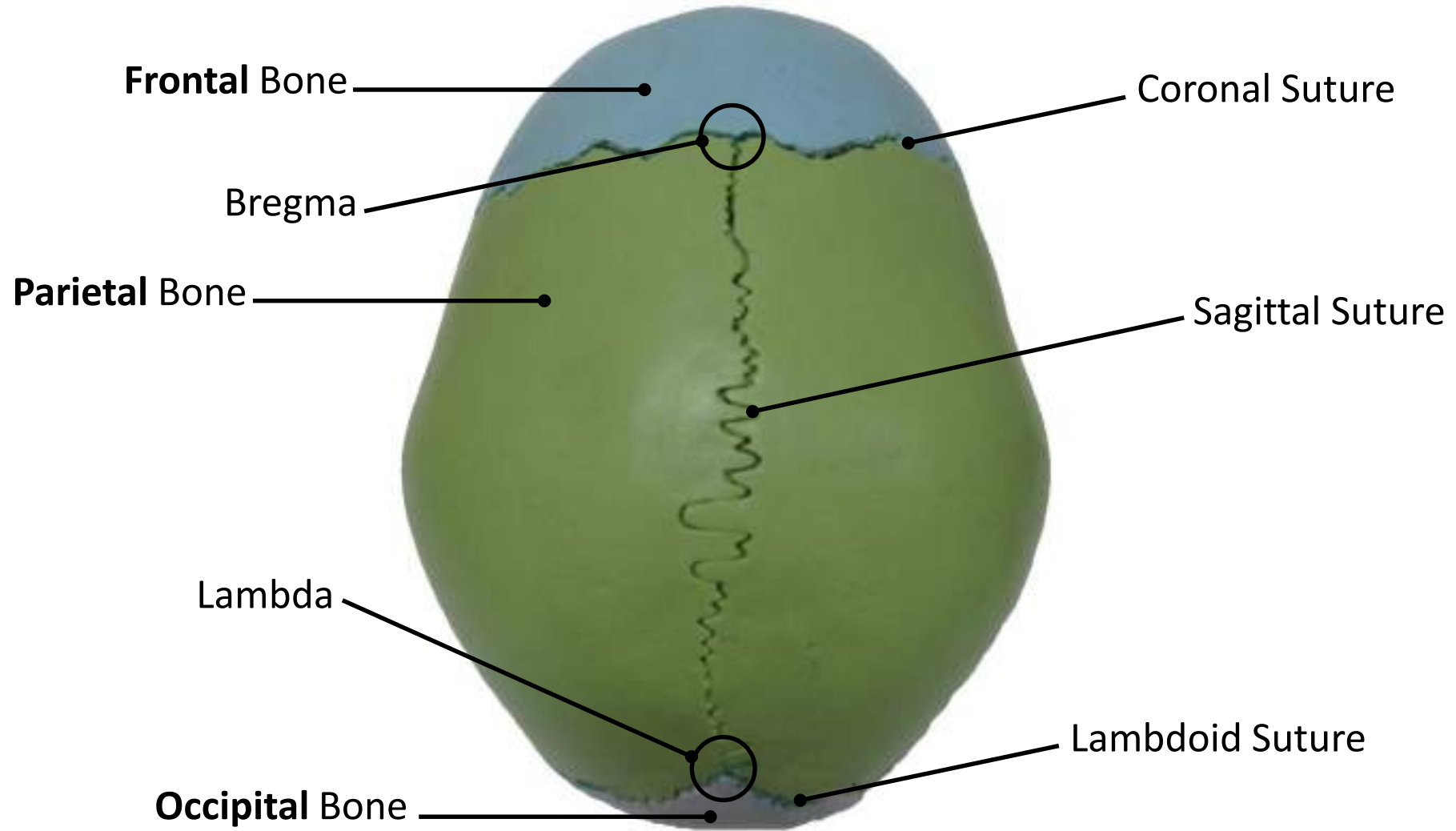


Lab 1

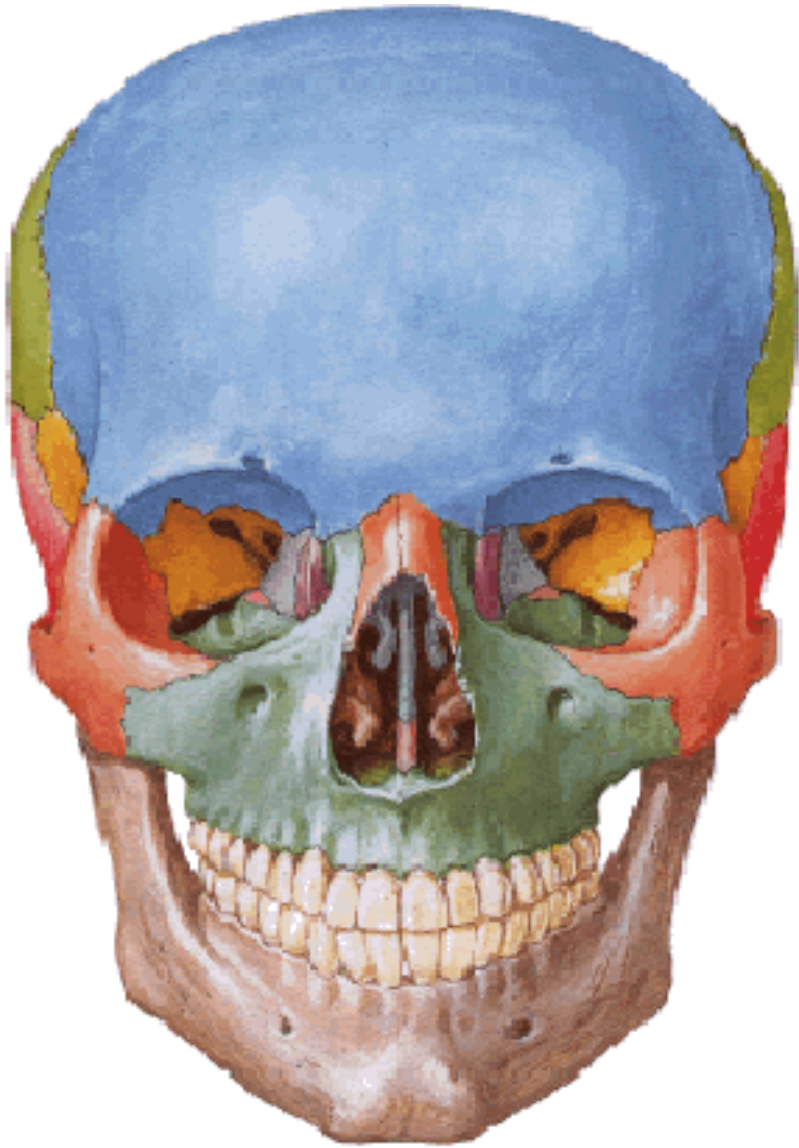
Skull

Norma Verticalis





Norma Frontalis



Frontal Bone



Nasal Bone



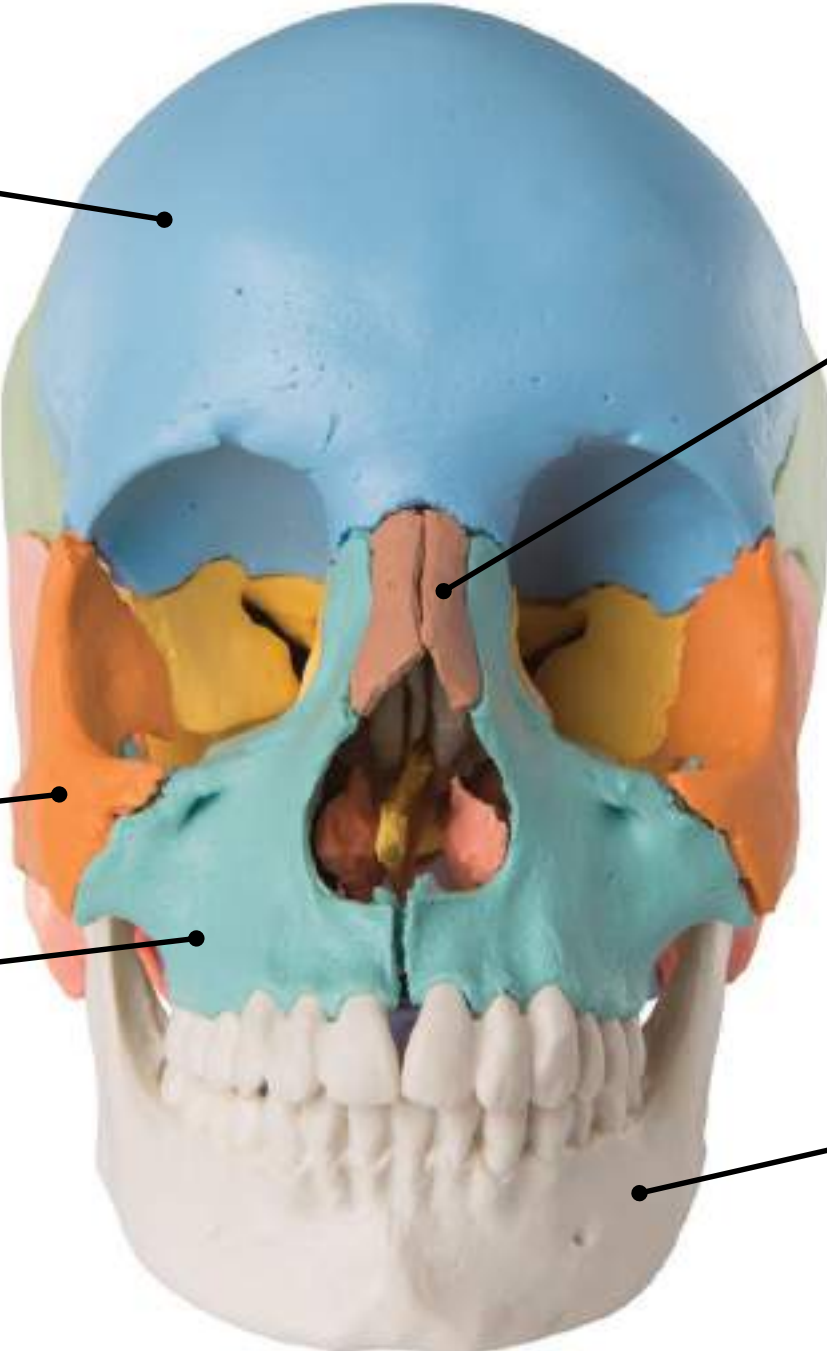
Zygomatic Bone



Maxillary Bone



Mandible



Frontal Bone



Supraorbital Foramen (Notch)



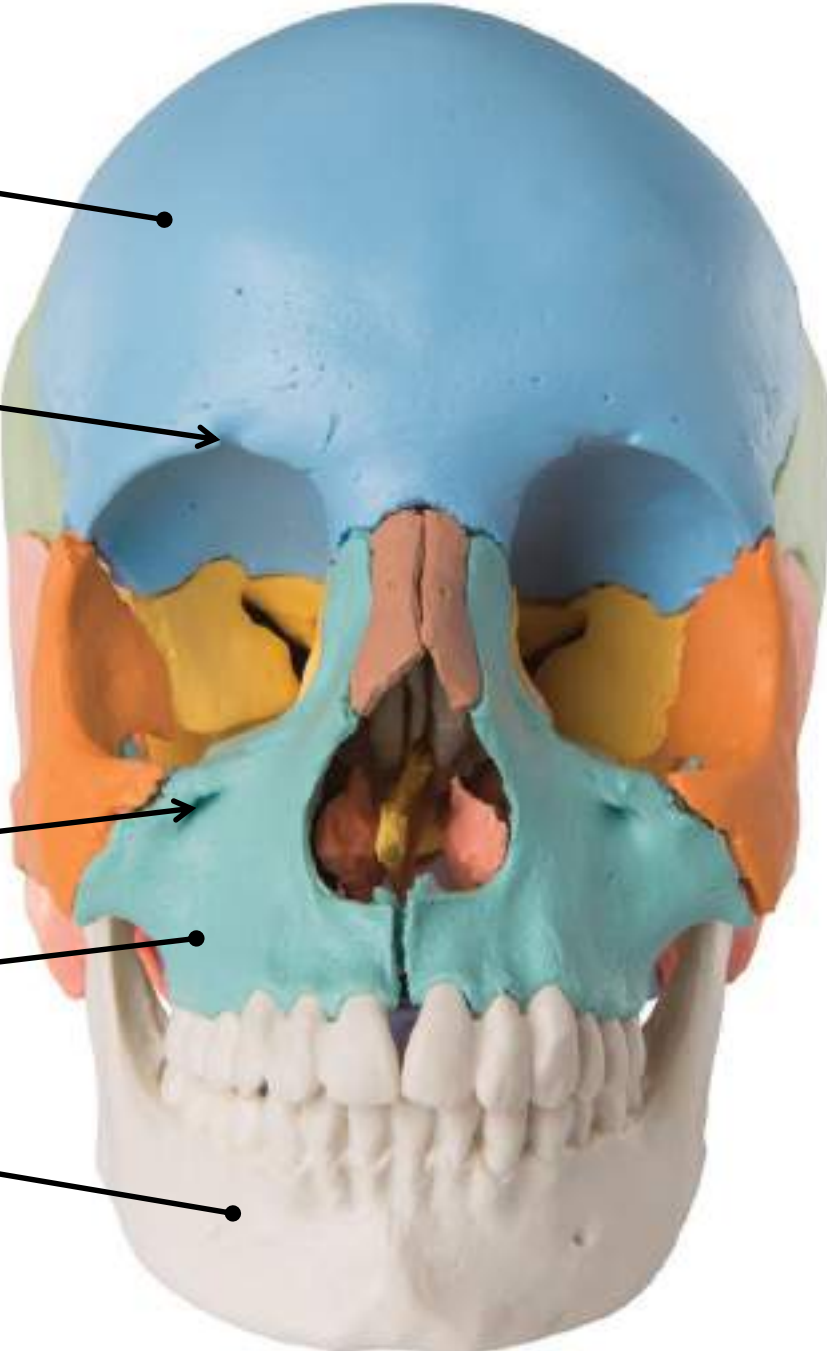
Infraorbital Foramen



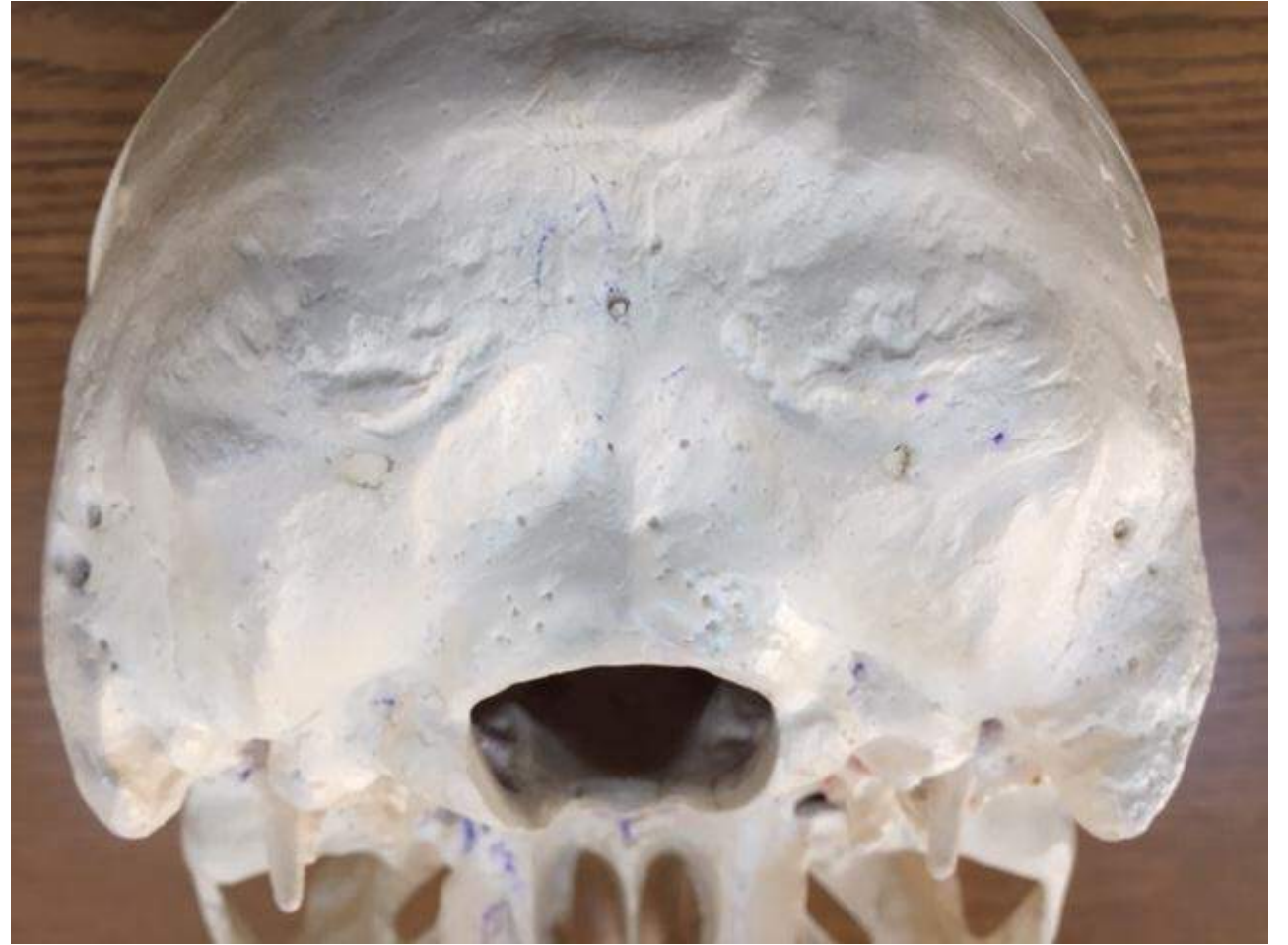
Maxillary Bone



Mandible



Norma Occipitalis

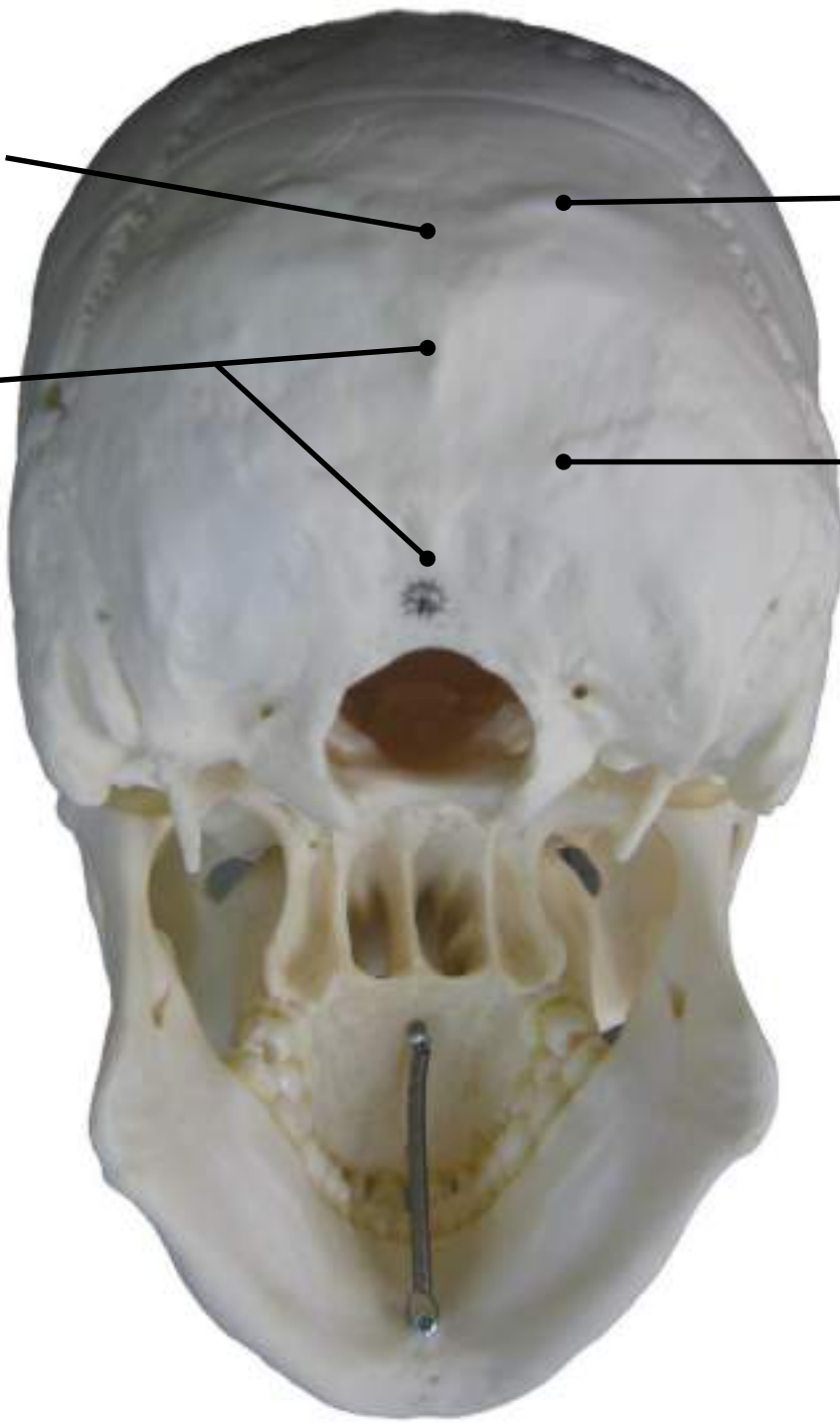


External Occipital Protuberance

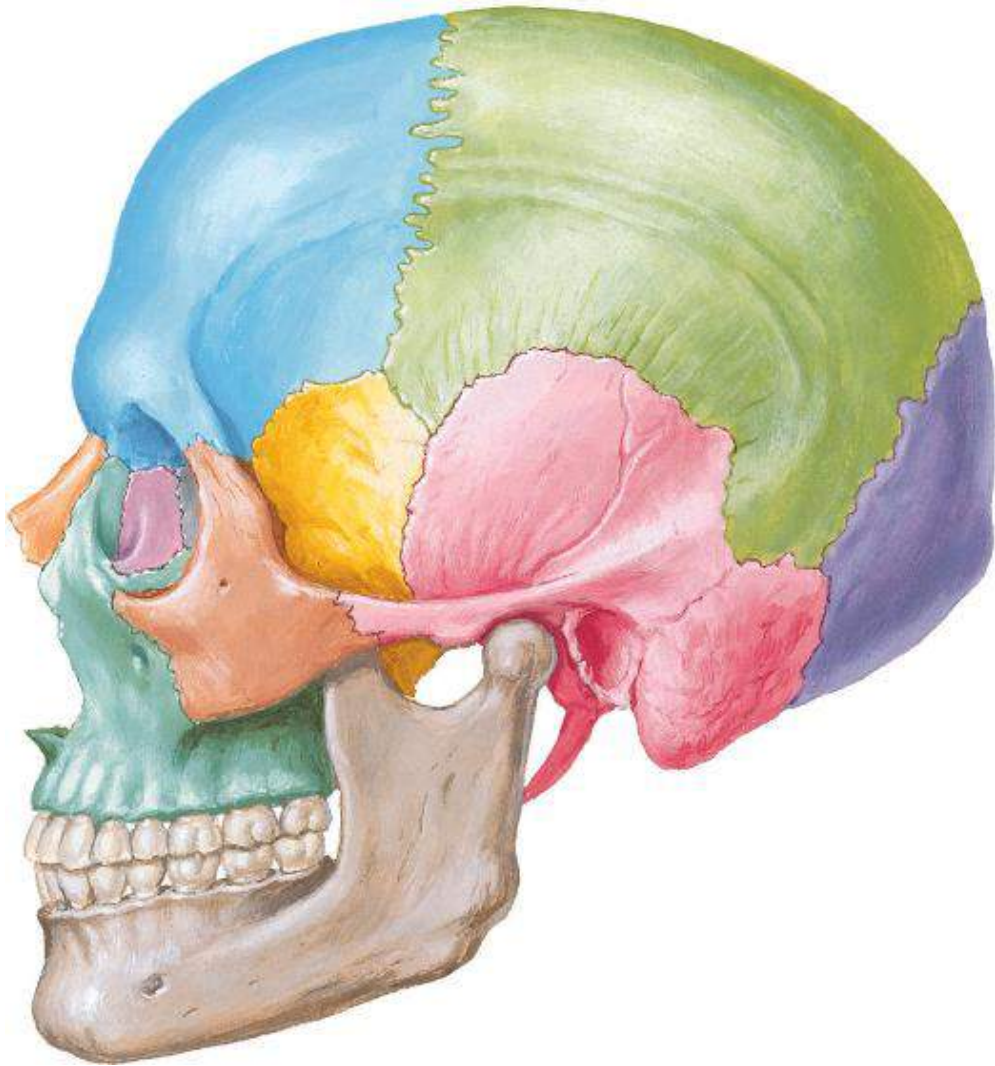
Superior Nuchal Line

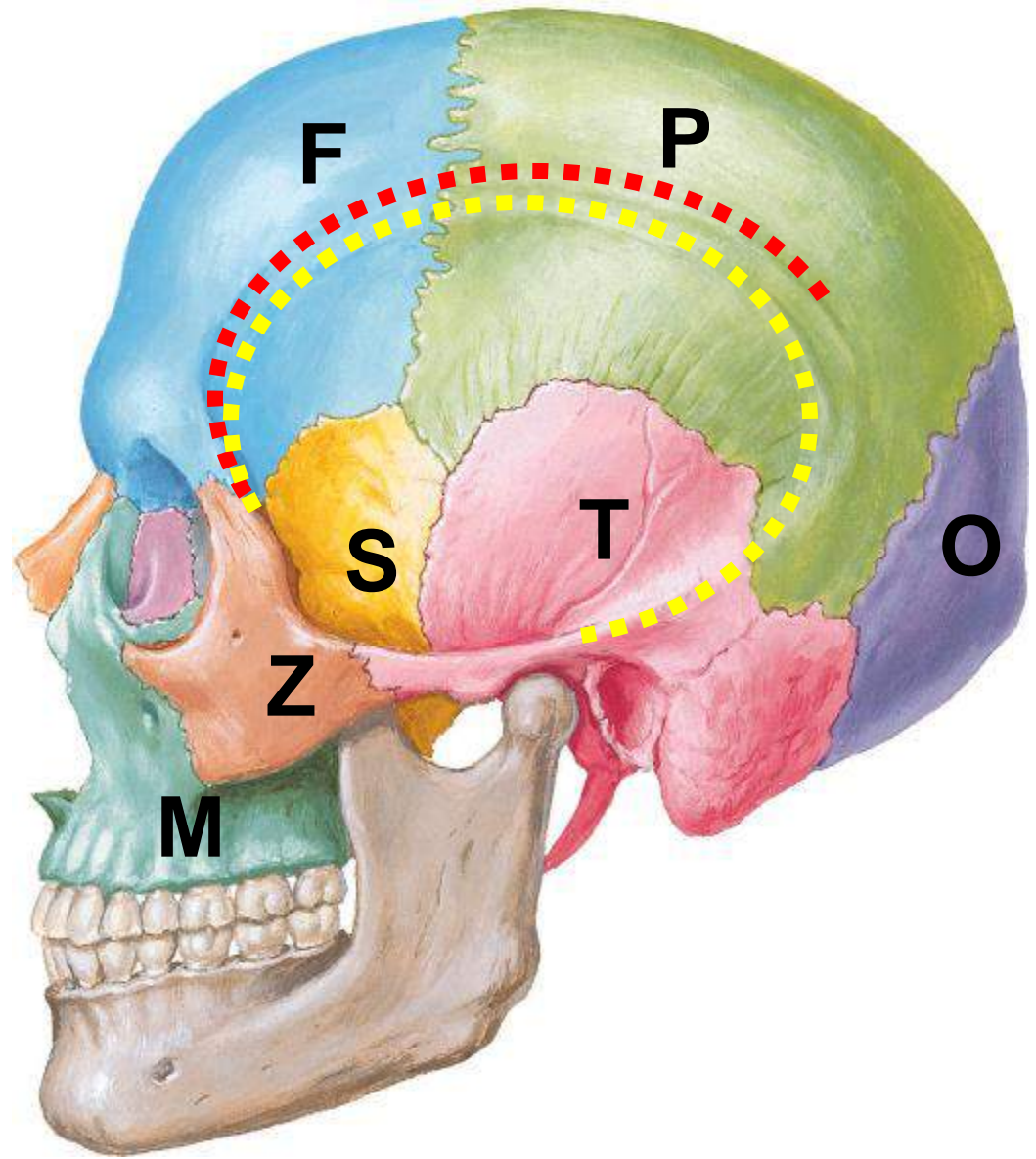
External Occipital Crest

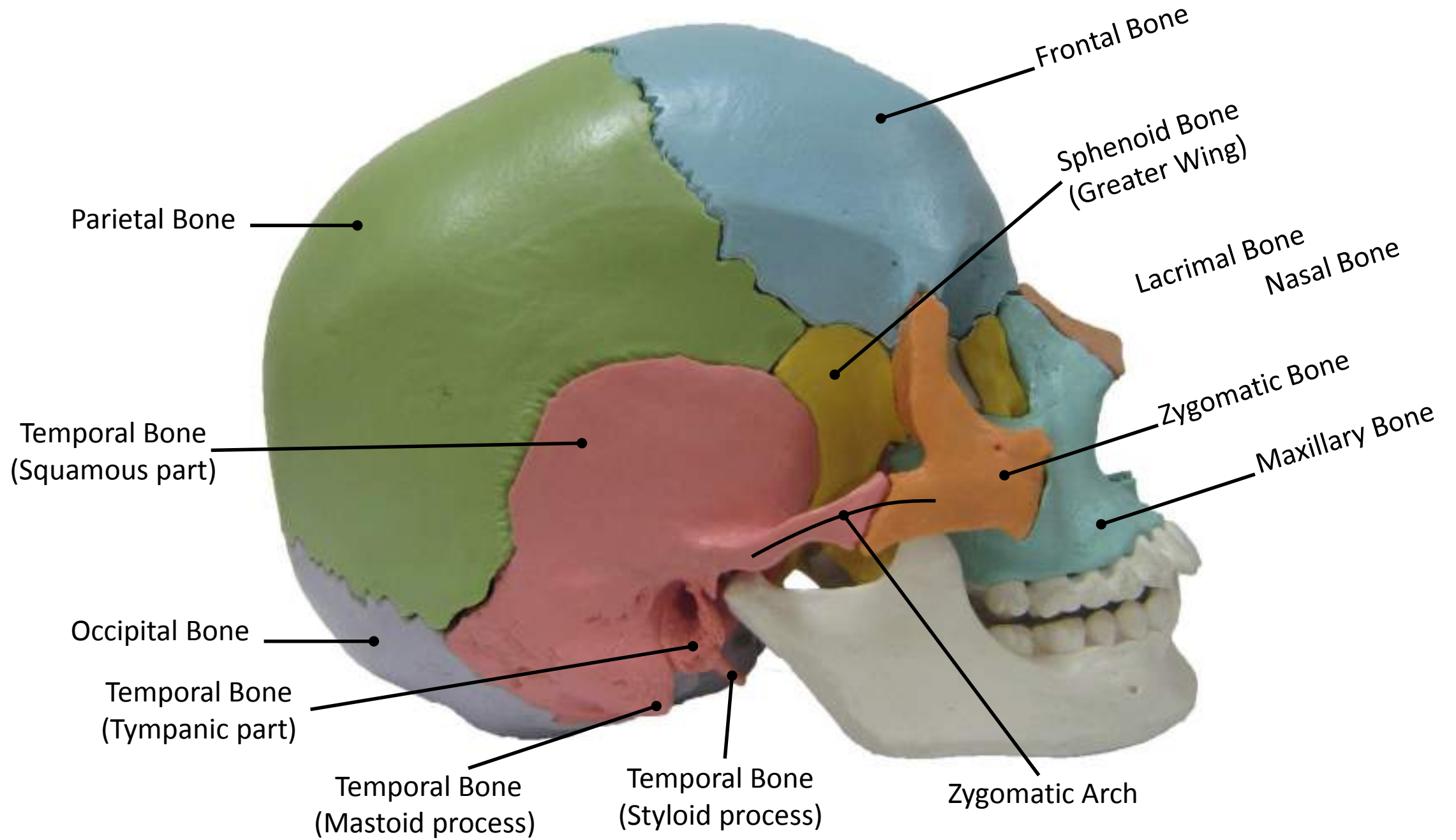
Inferior Nuchal Line

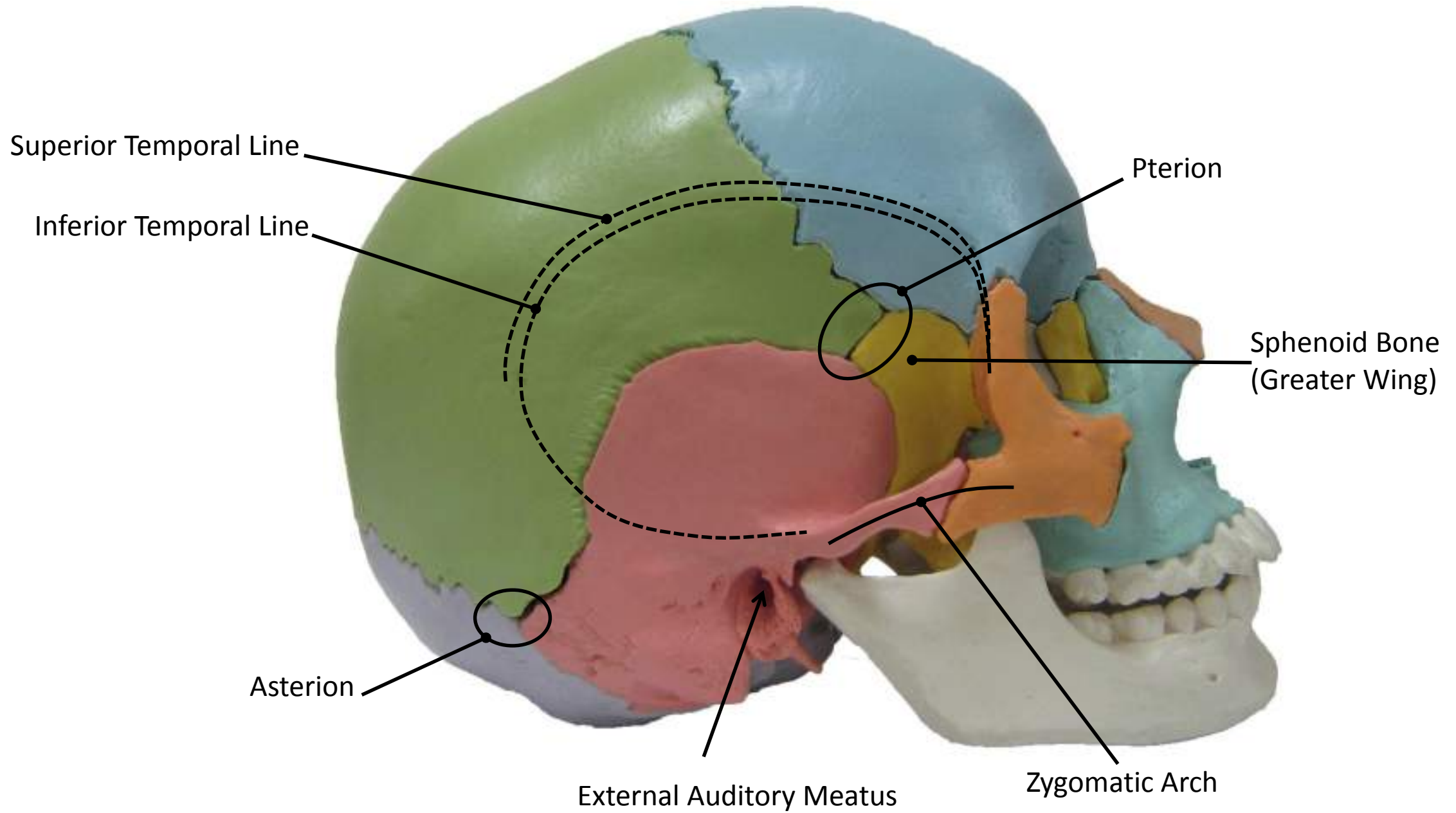


Norma Lateralis

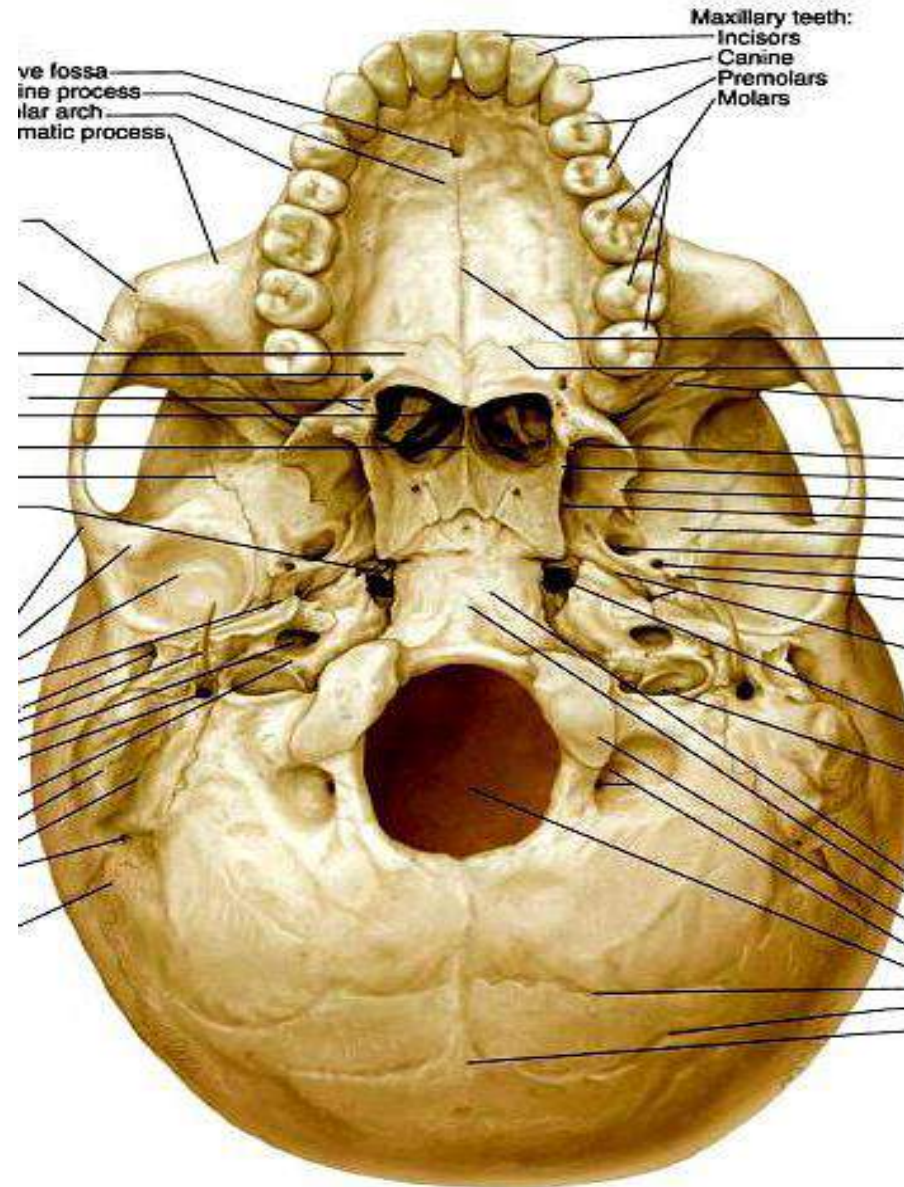
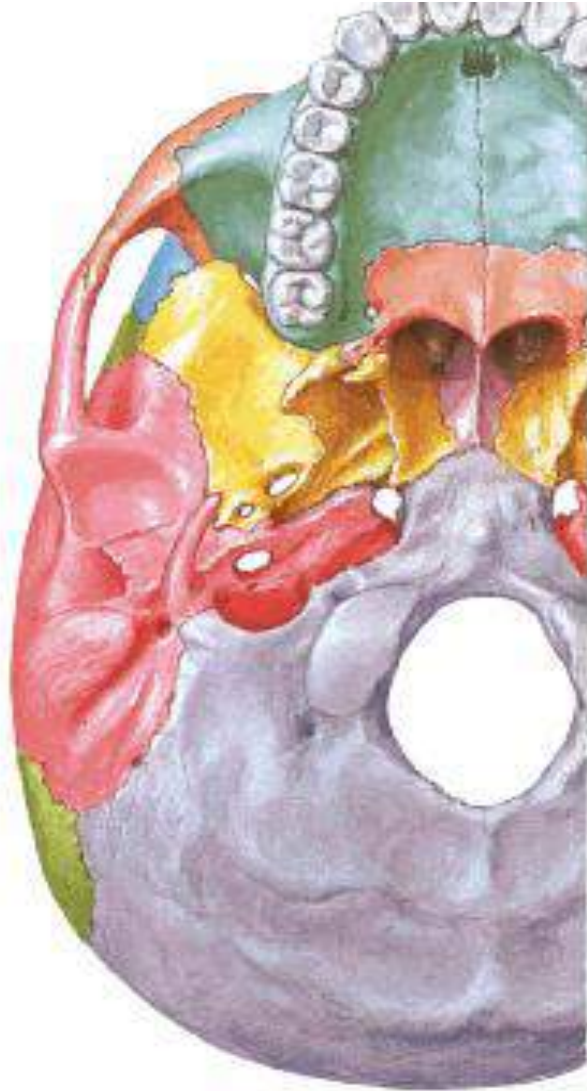


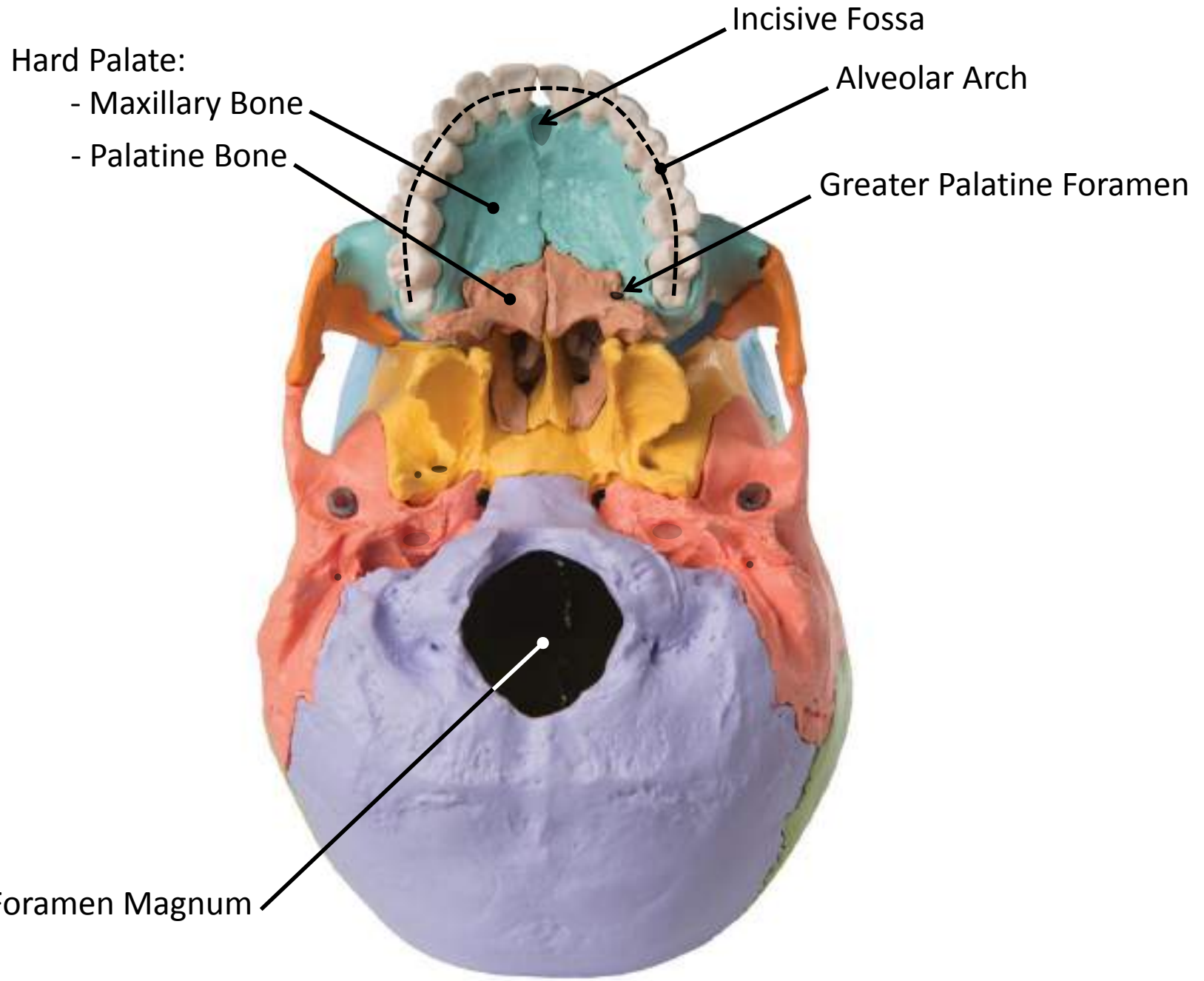


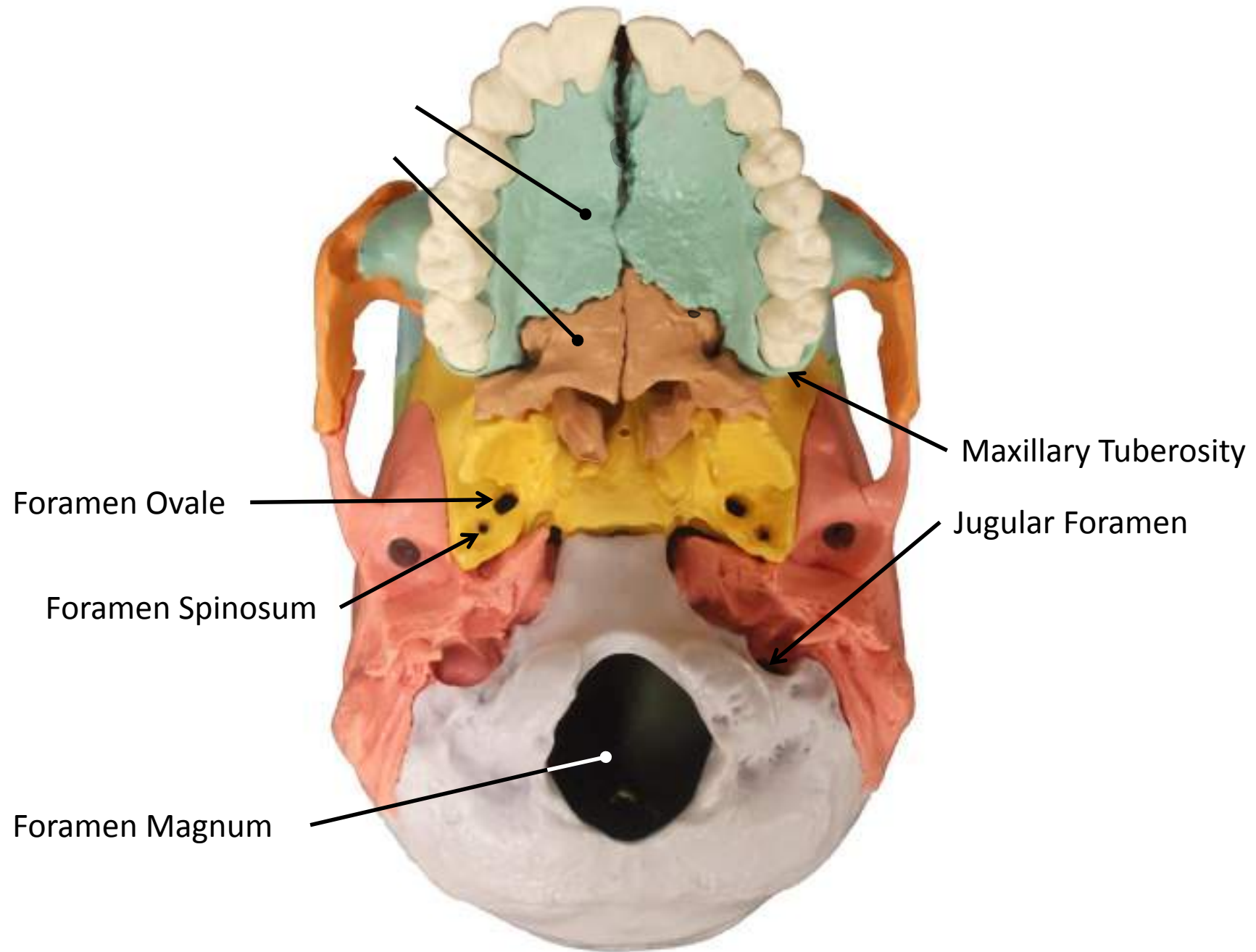


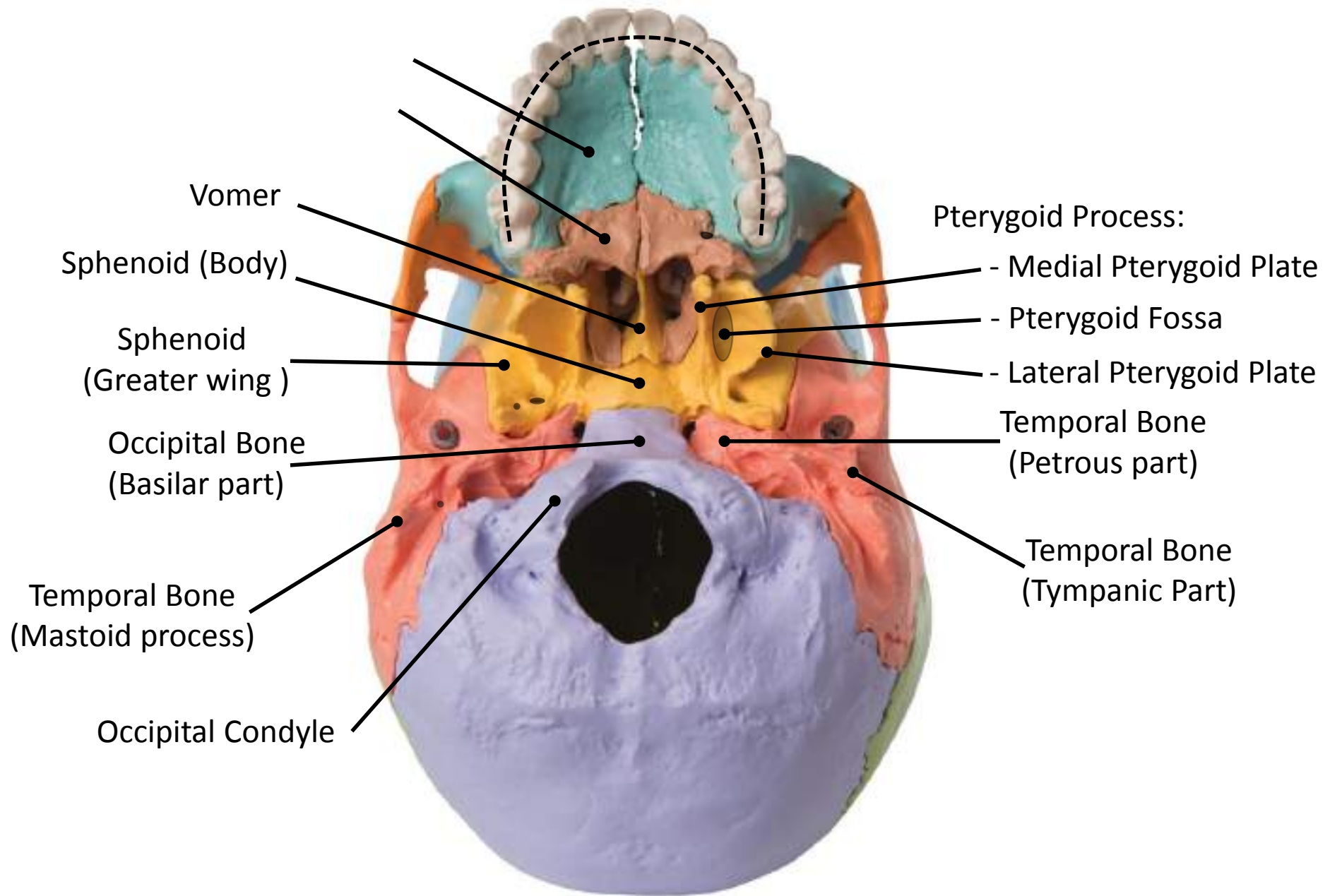


Norma Basalis Externa

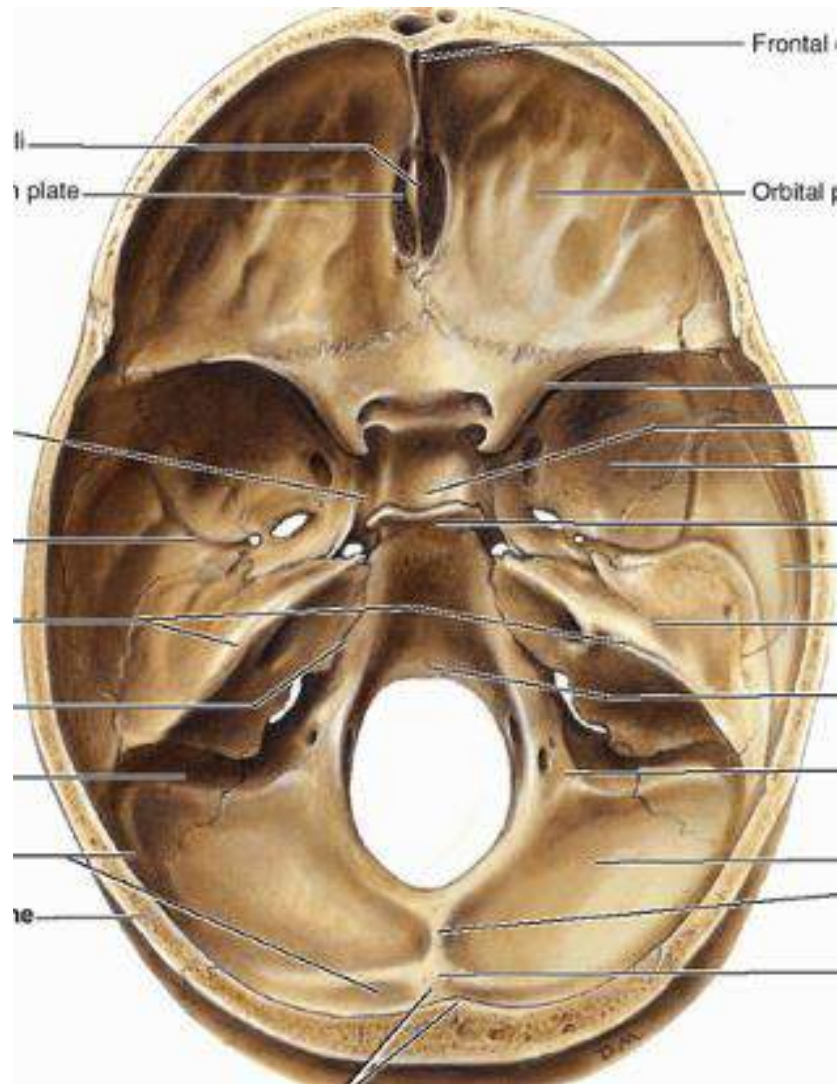


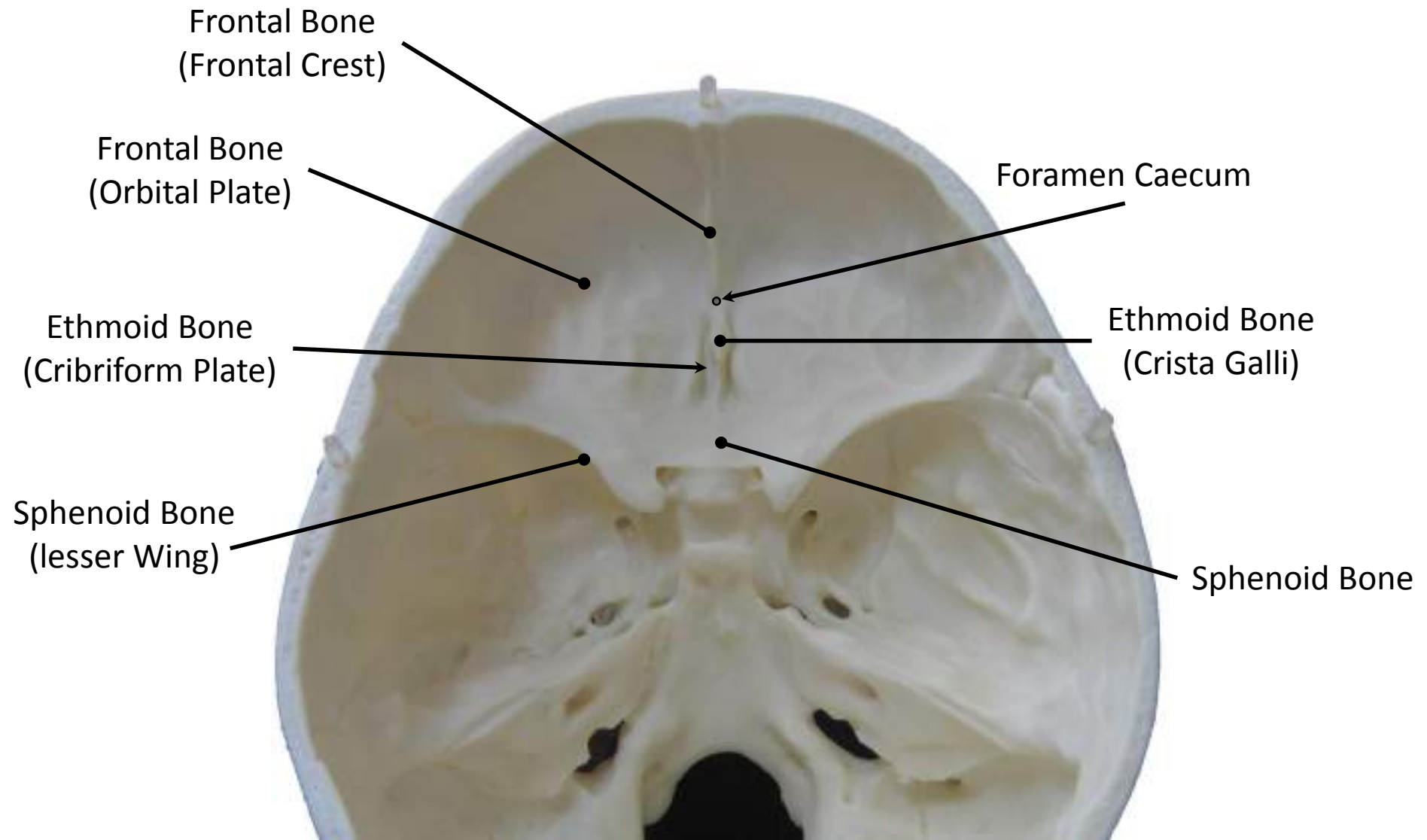


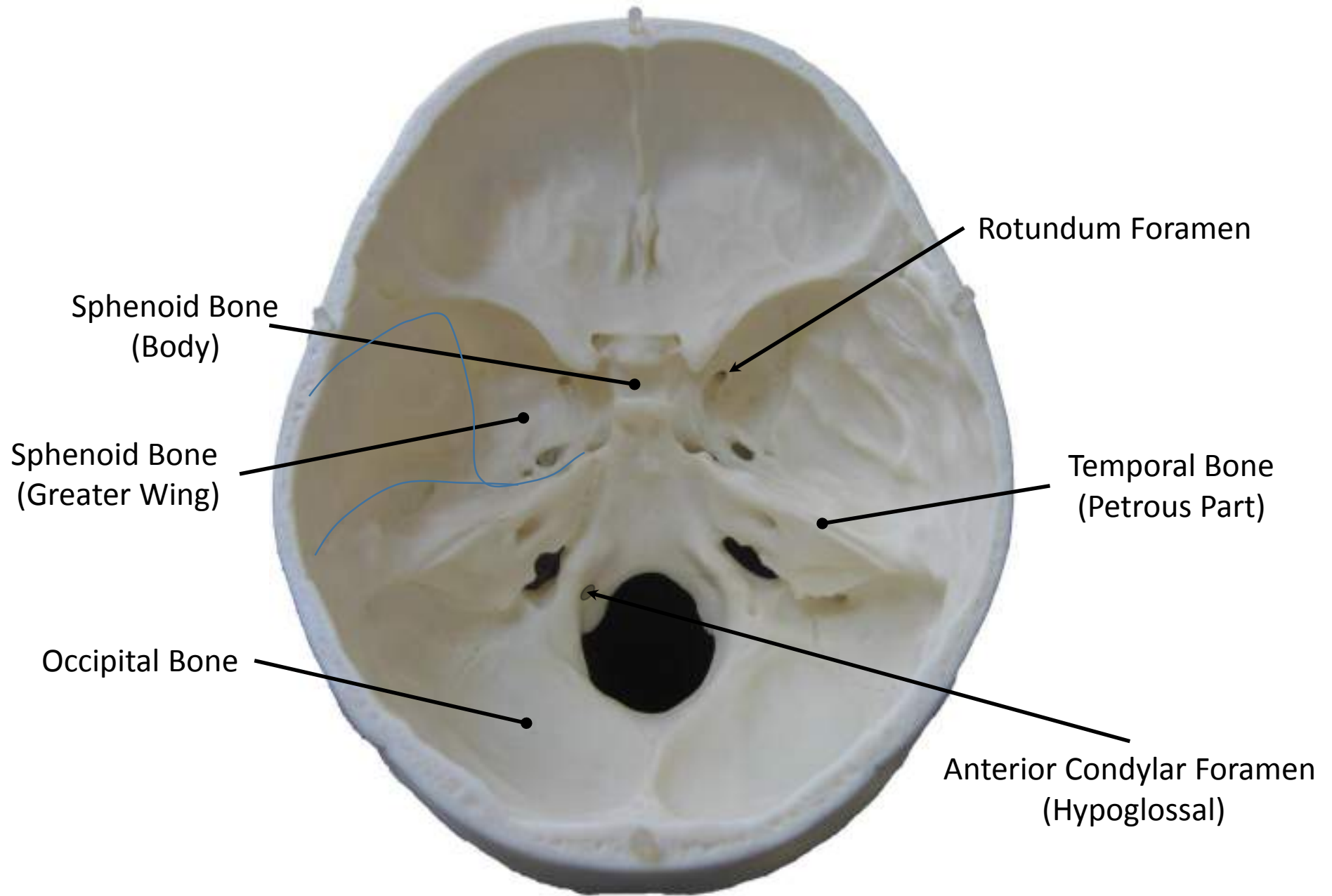




Cranial Cavity







Sphenoid Bone
(Body)

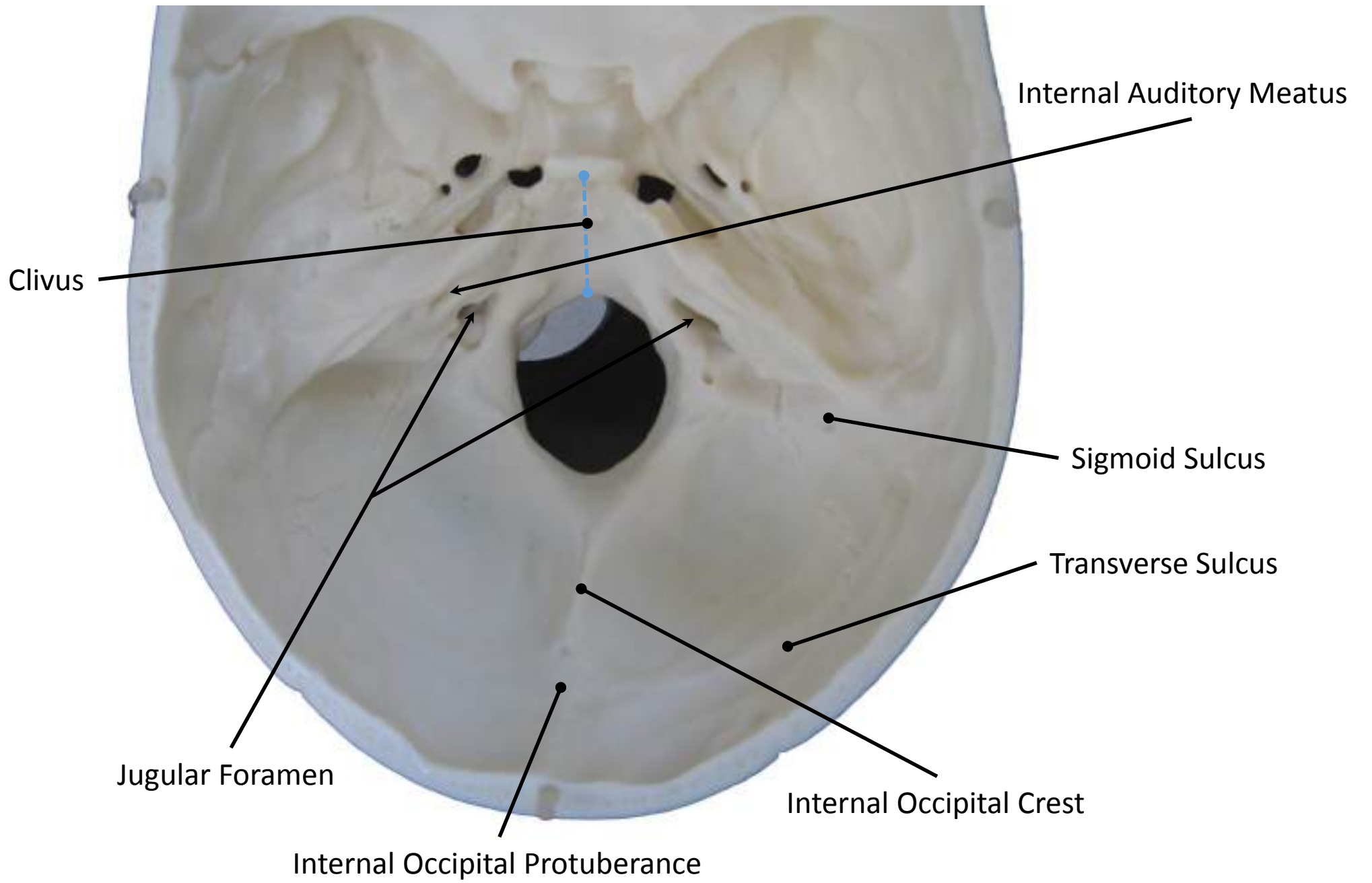
Sphenoid Bone
(Greater Wing)

Occipital Bone

Rotundum Foramen

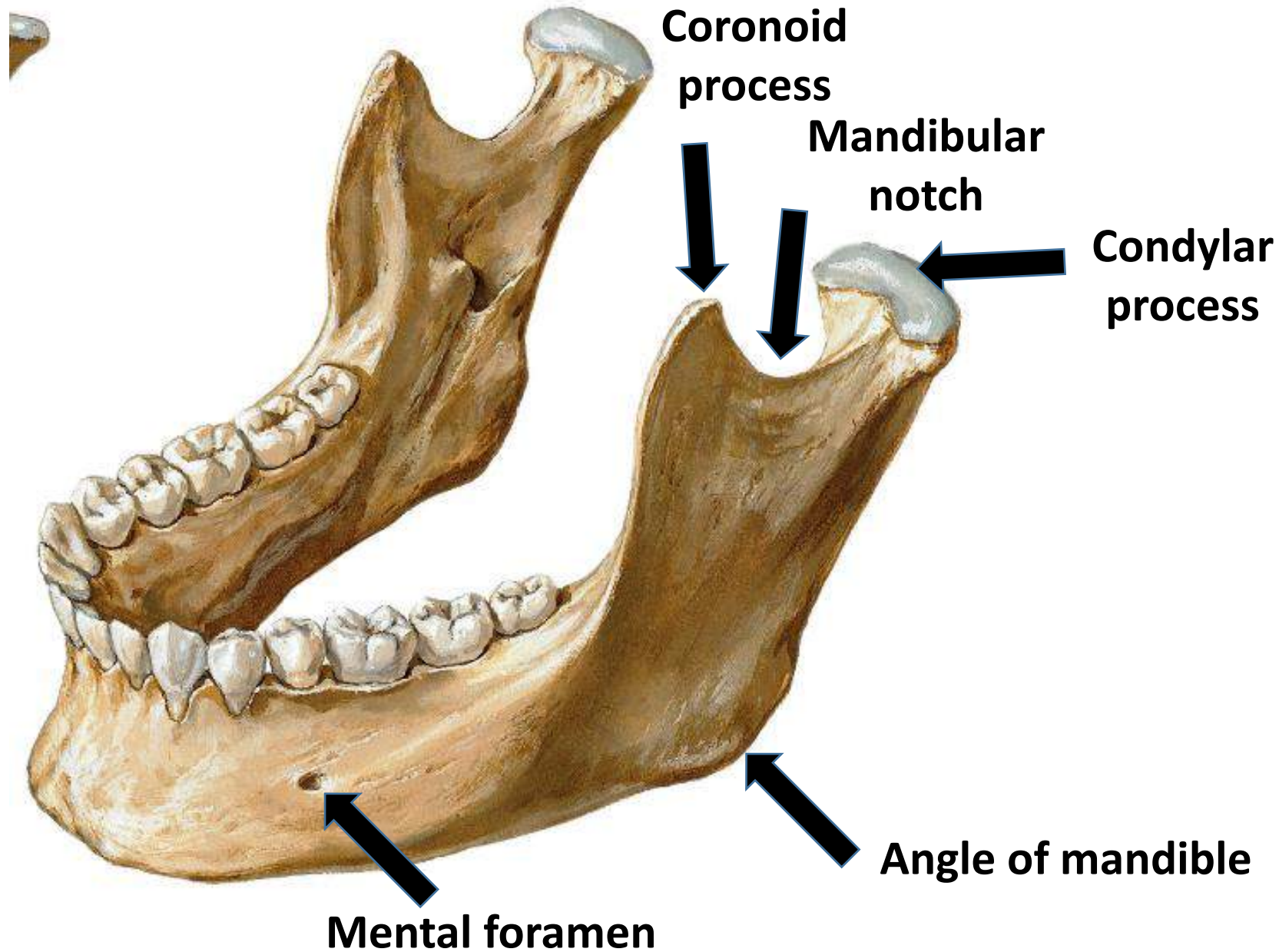
Temporal Bone
(Petrous Part)

Anterior Condylar Foramen
(Hypoglossal)



Lab 2

Mandible
Thoracic cage
Vertebral Column



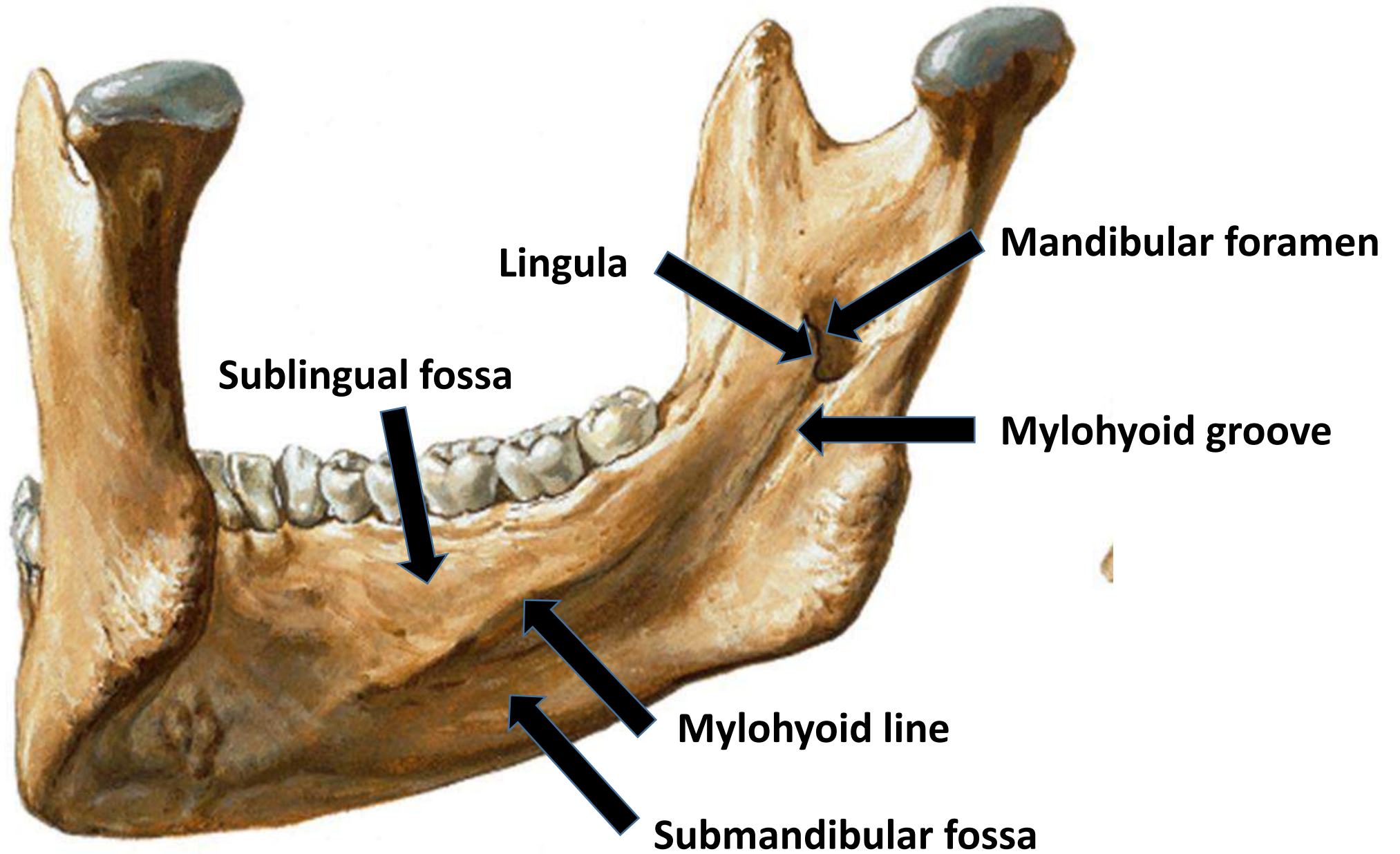
Coronoid process

Mandibular notch

Condylar process

Angle of mandible

Mental foramen

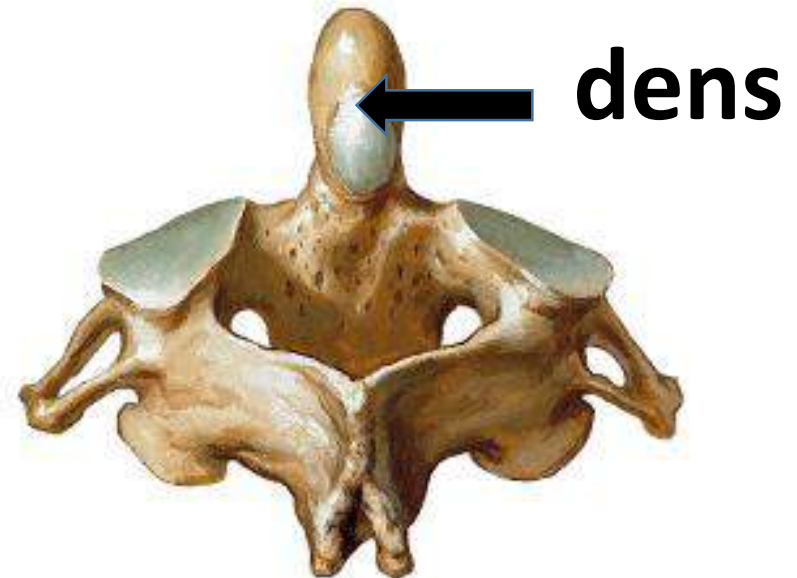




Atlas



Axis





Atlas

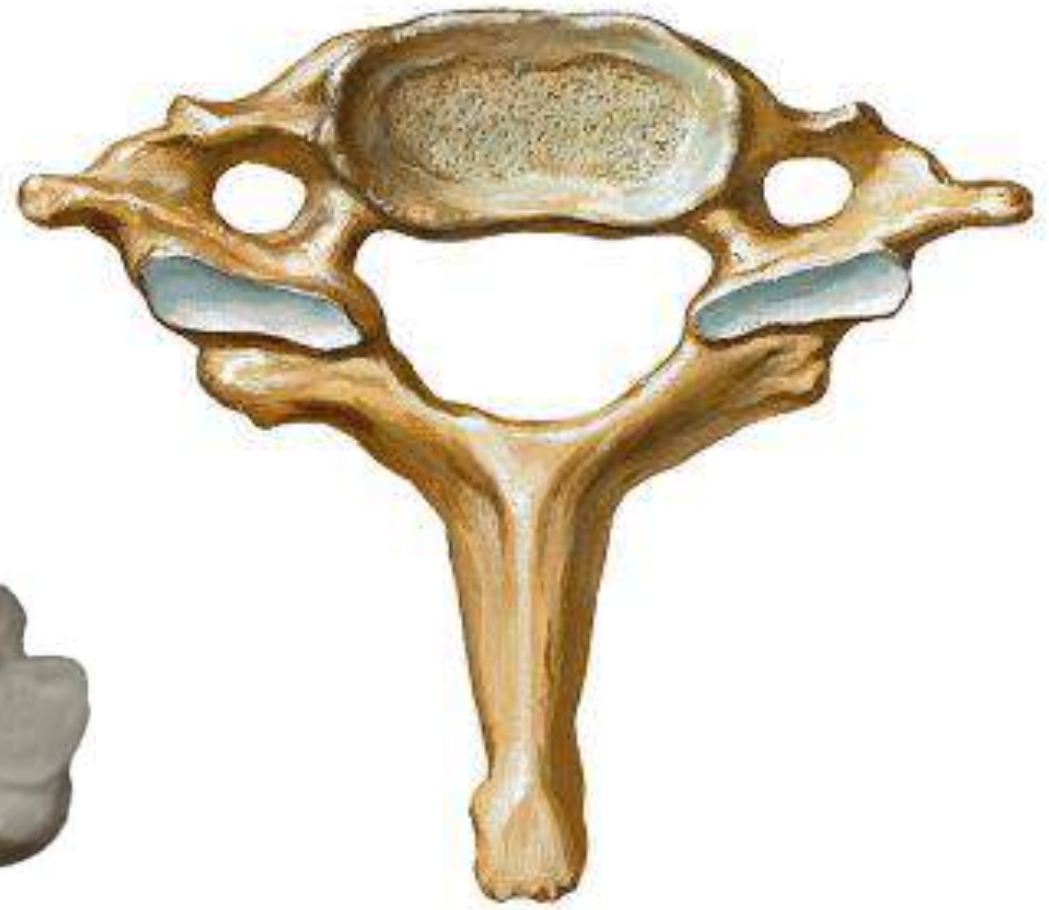


Axis

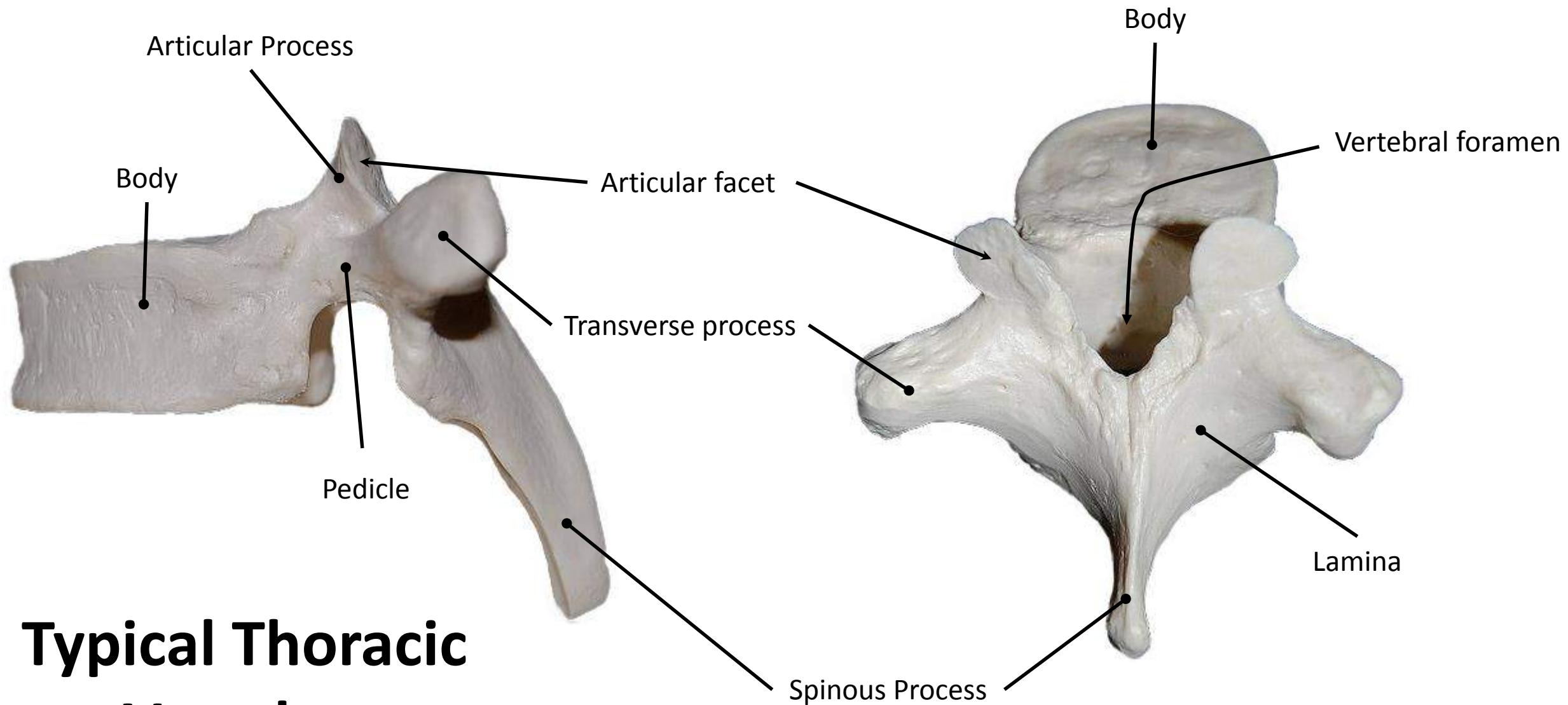




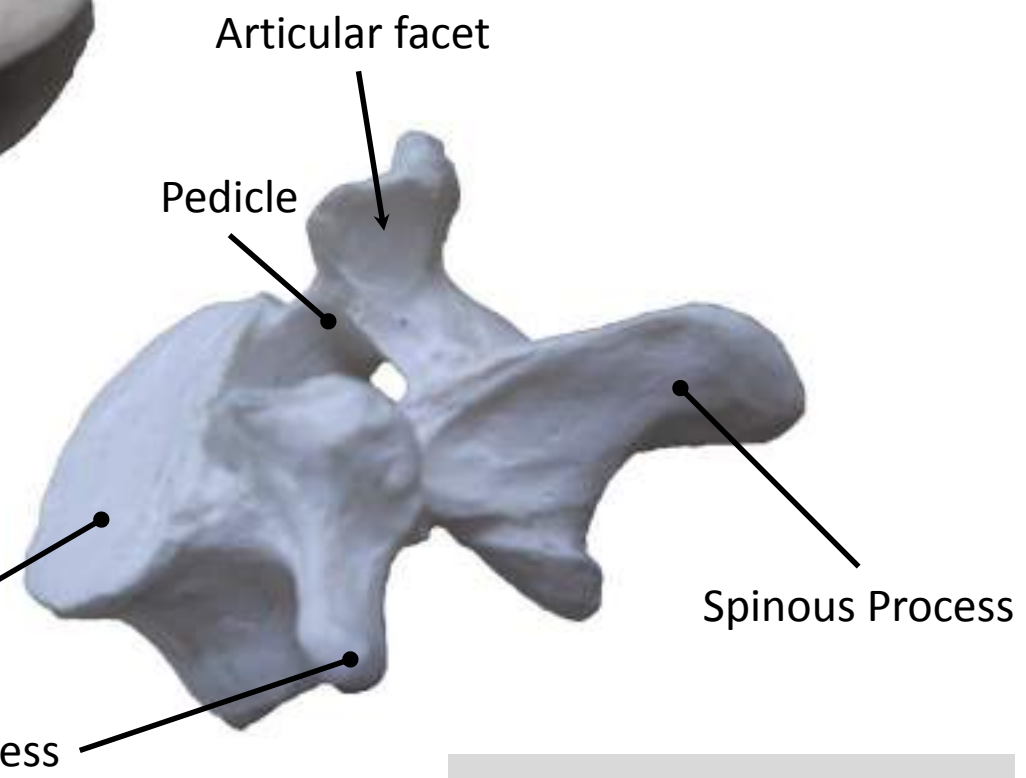
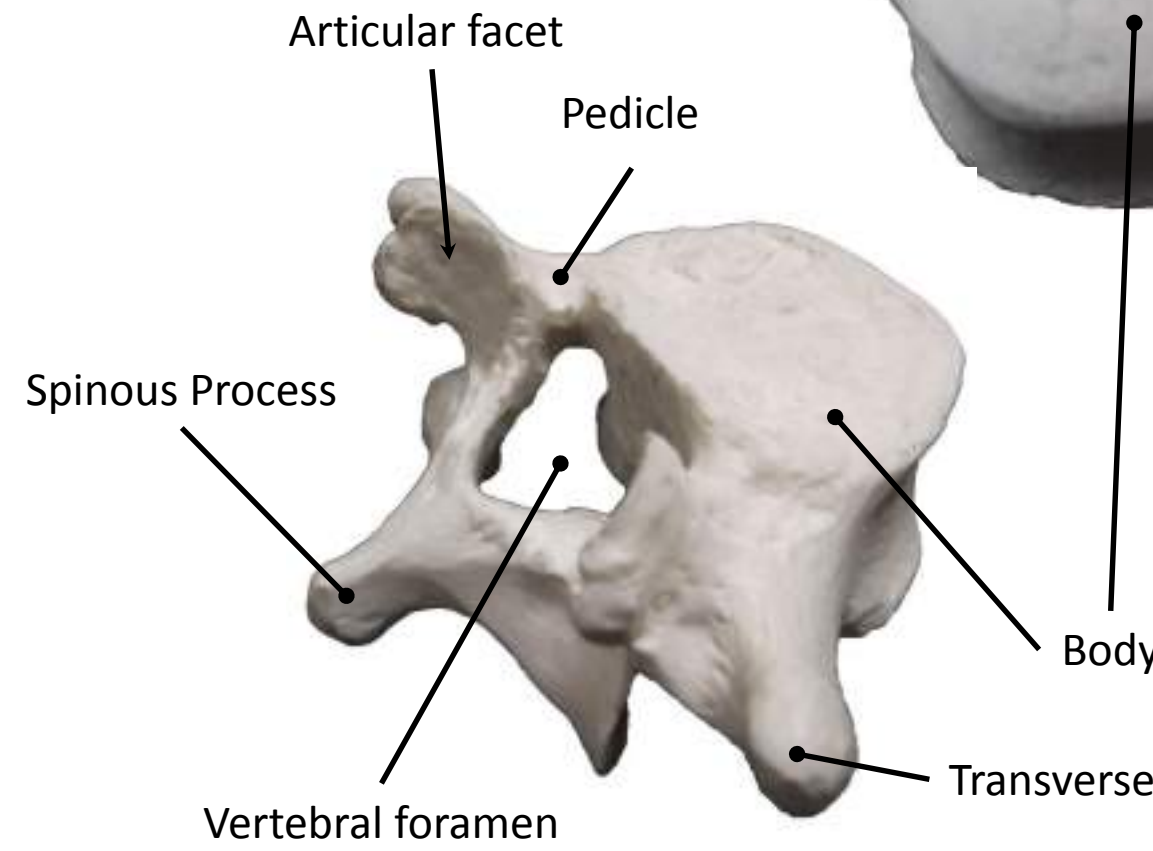
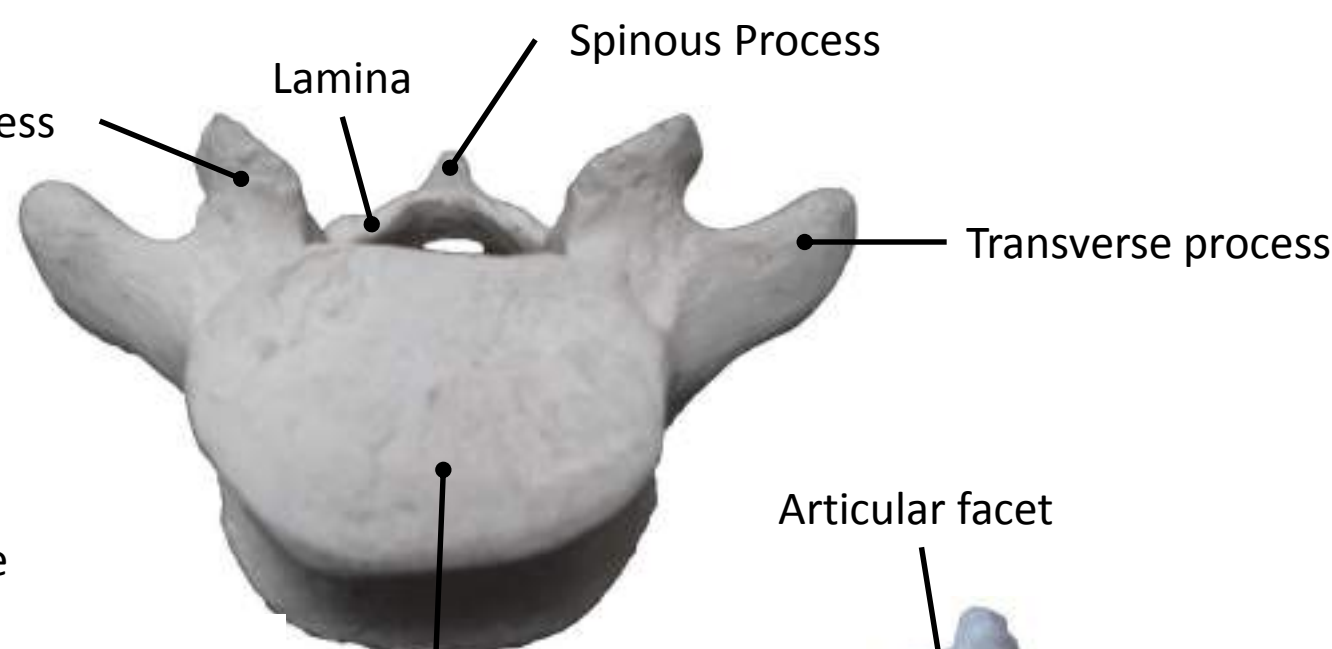
Typical cervical vertebra



7th cervical vertebra



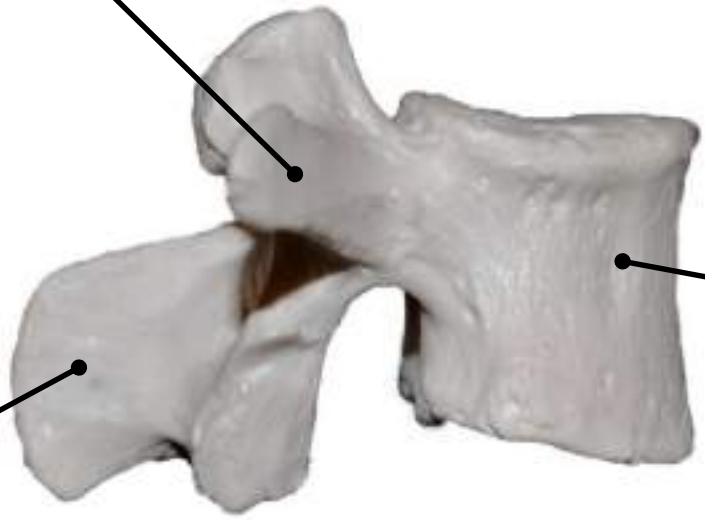
Typical Thoracic Vertebra



Lumbar Vertebra

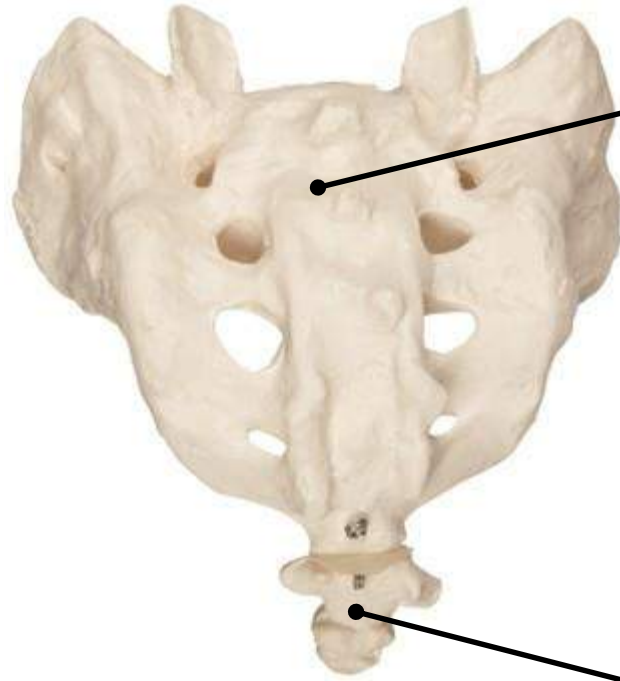
Transverse process

Spine



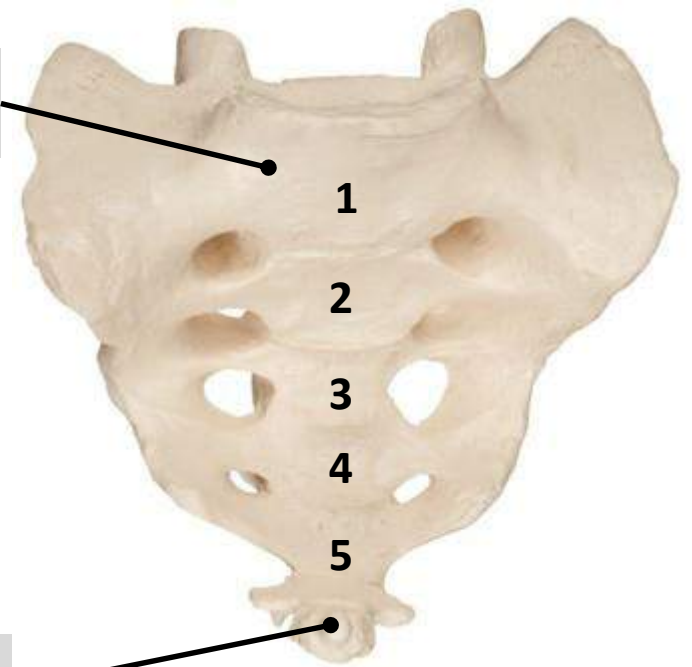
Body

Lumbar Vertebra



Sacrum

Coccyx



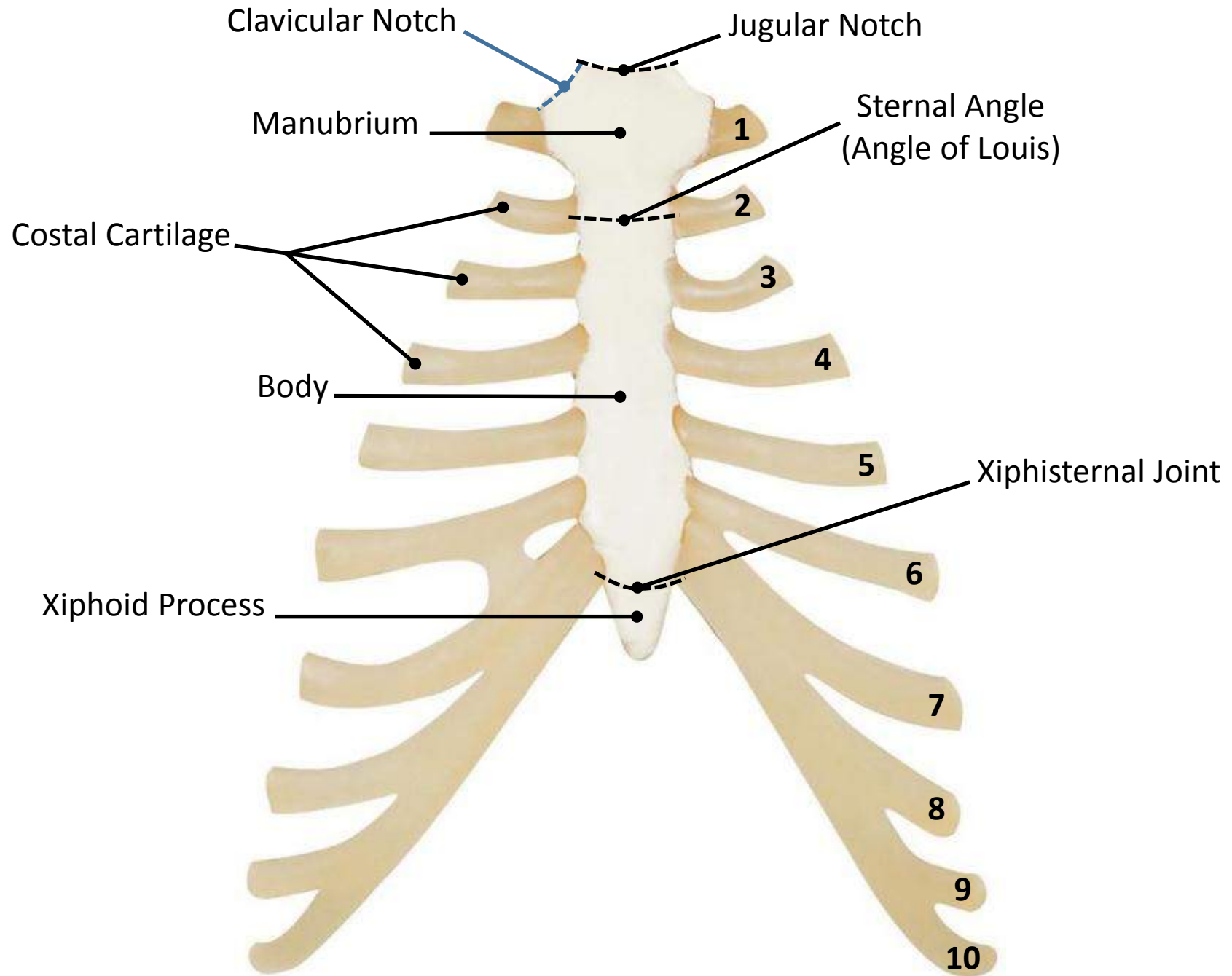
1

2

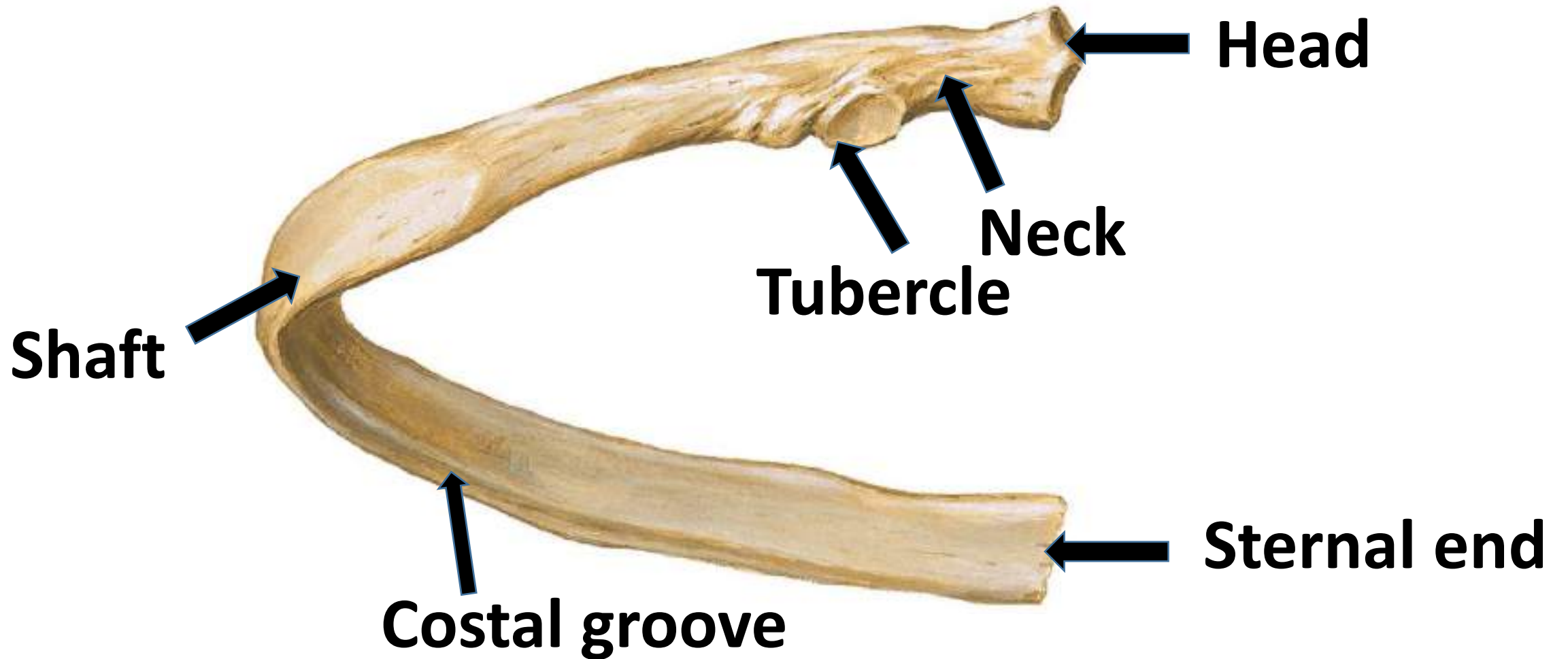
3

4

5

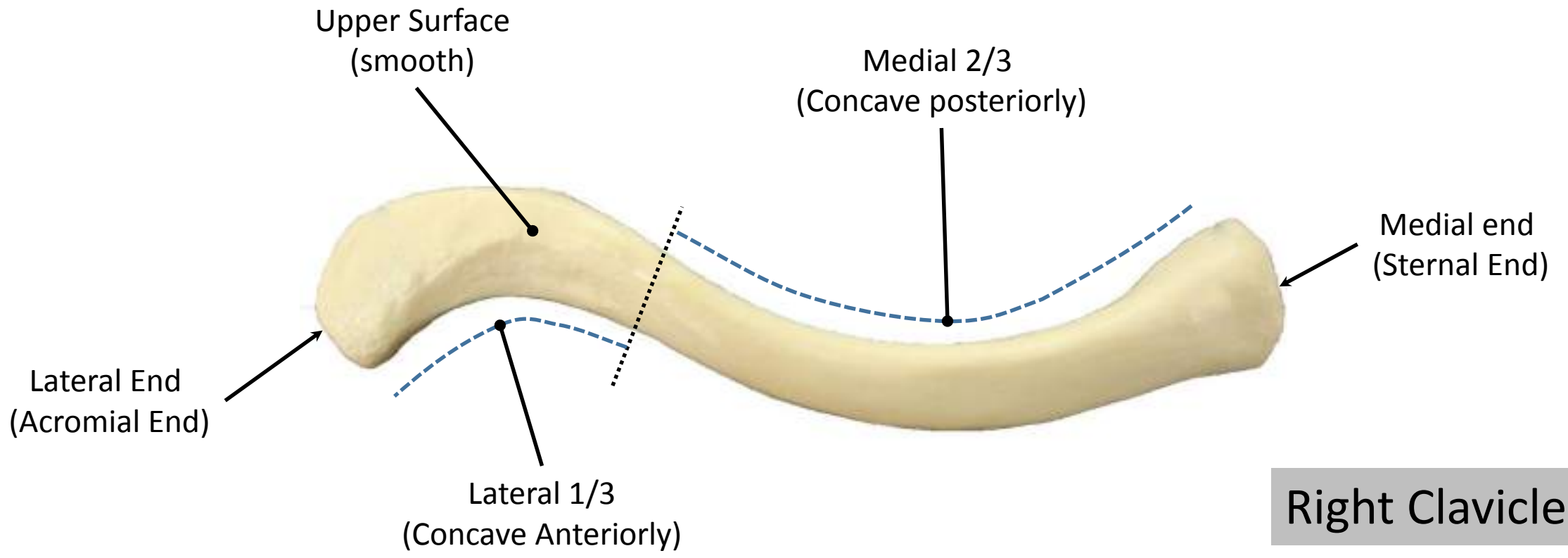


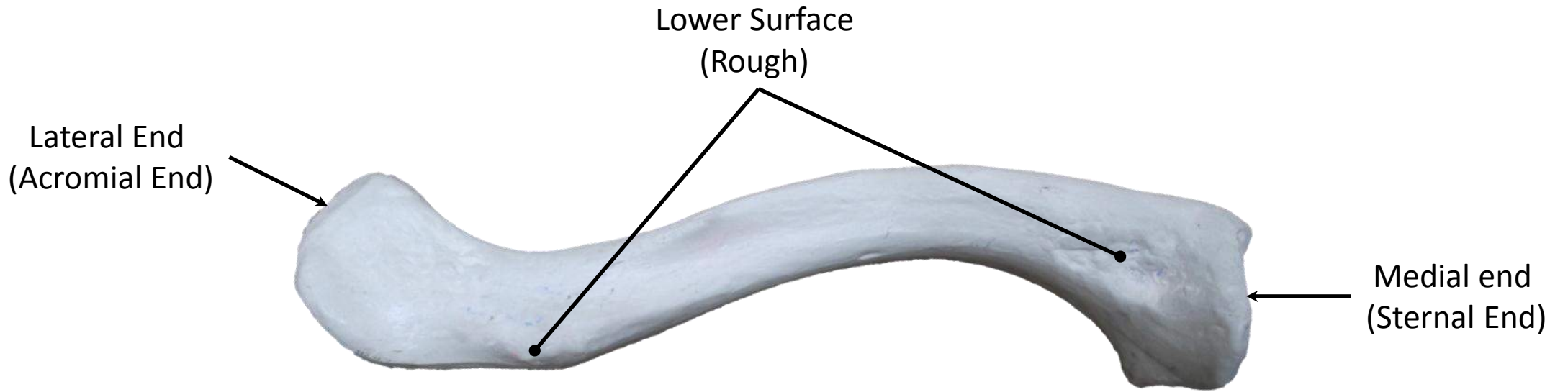
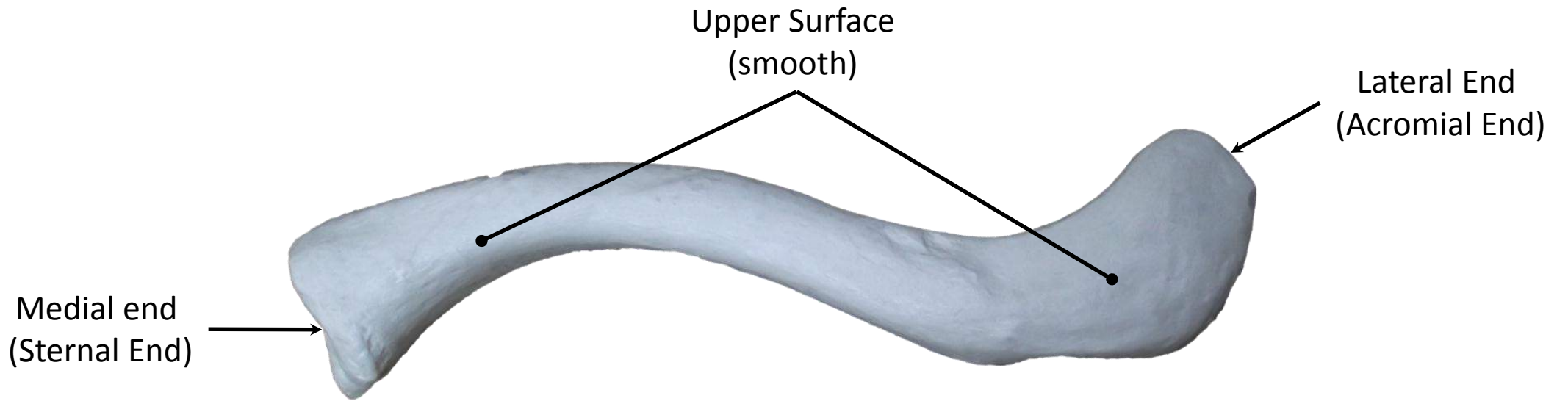
Typical Rib



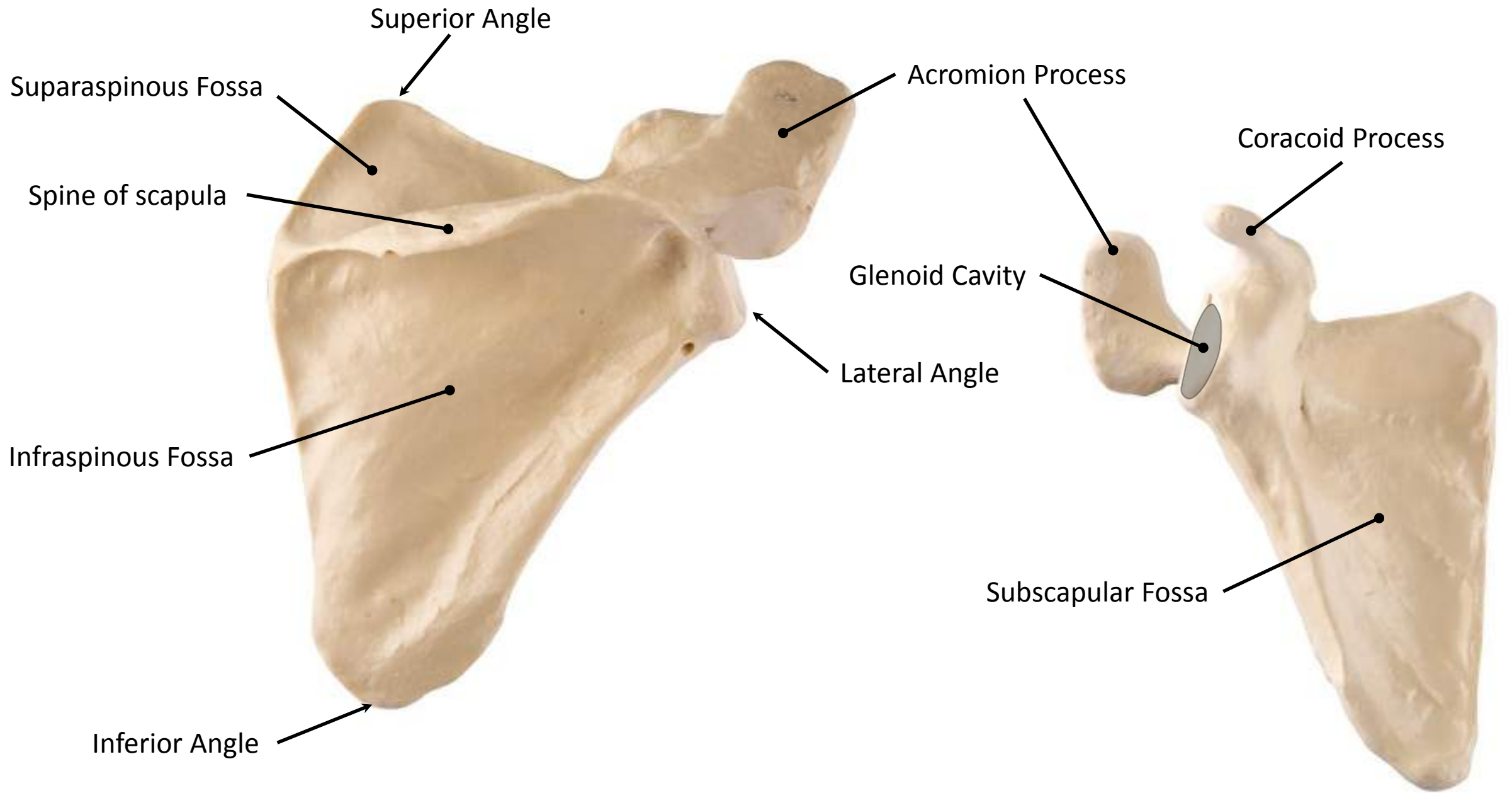
Lab 3

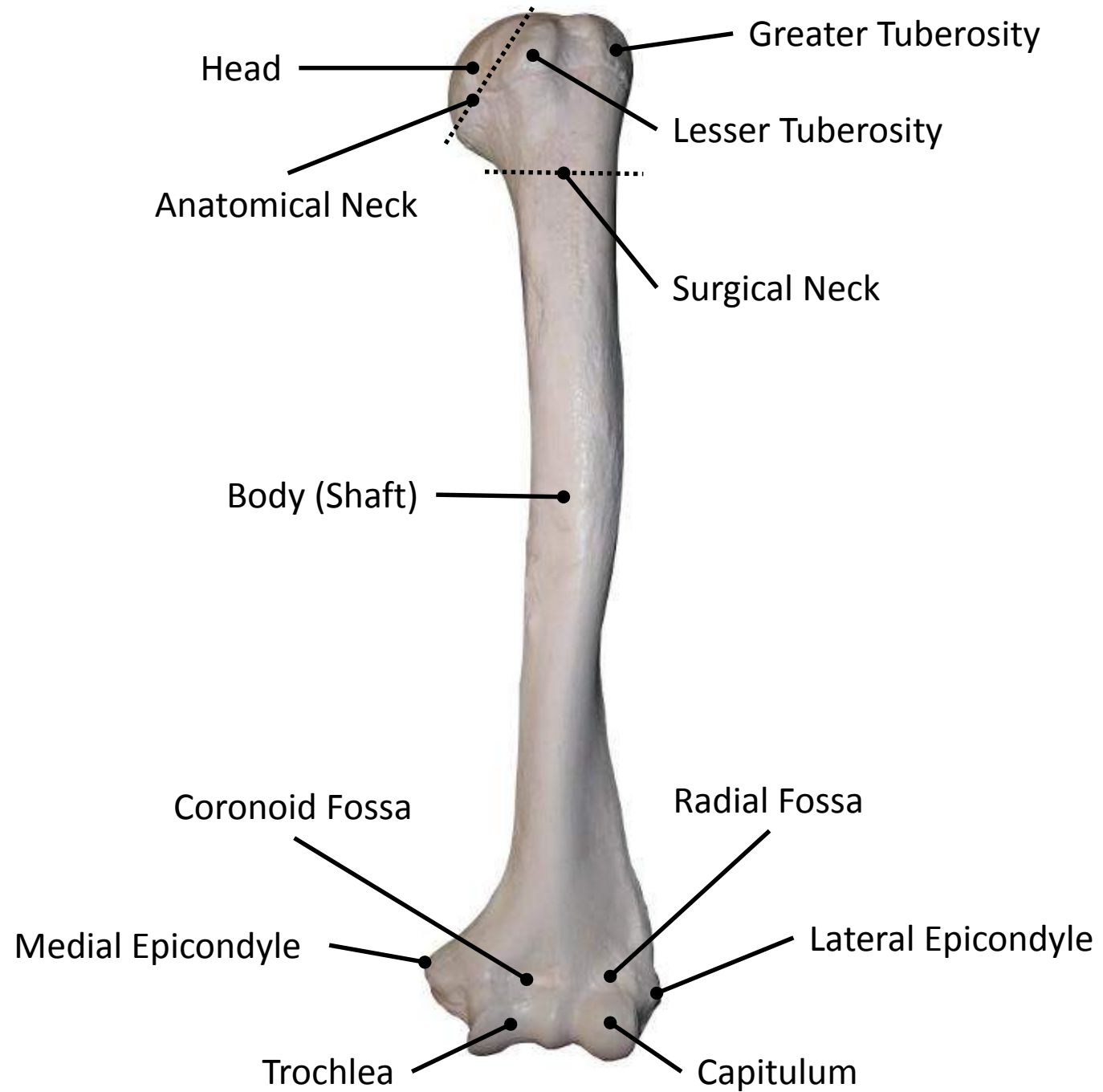
Bones of Upper Limb

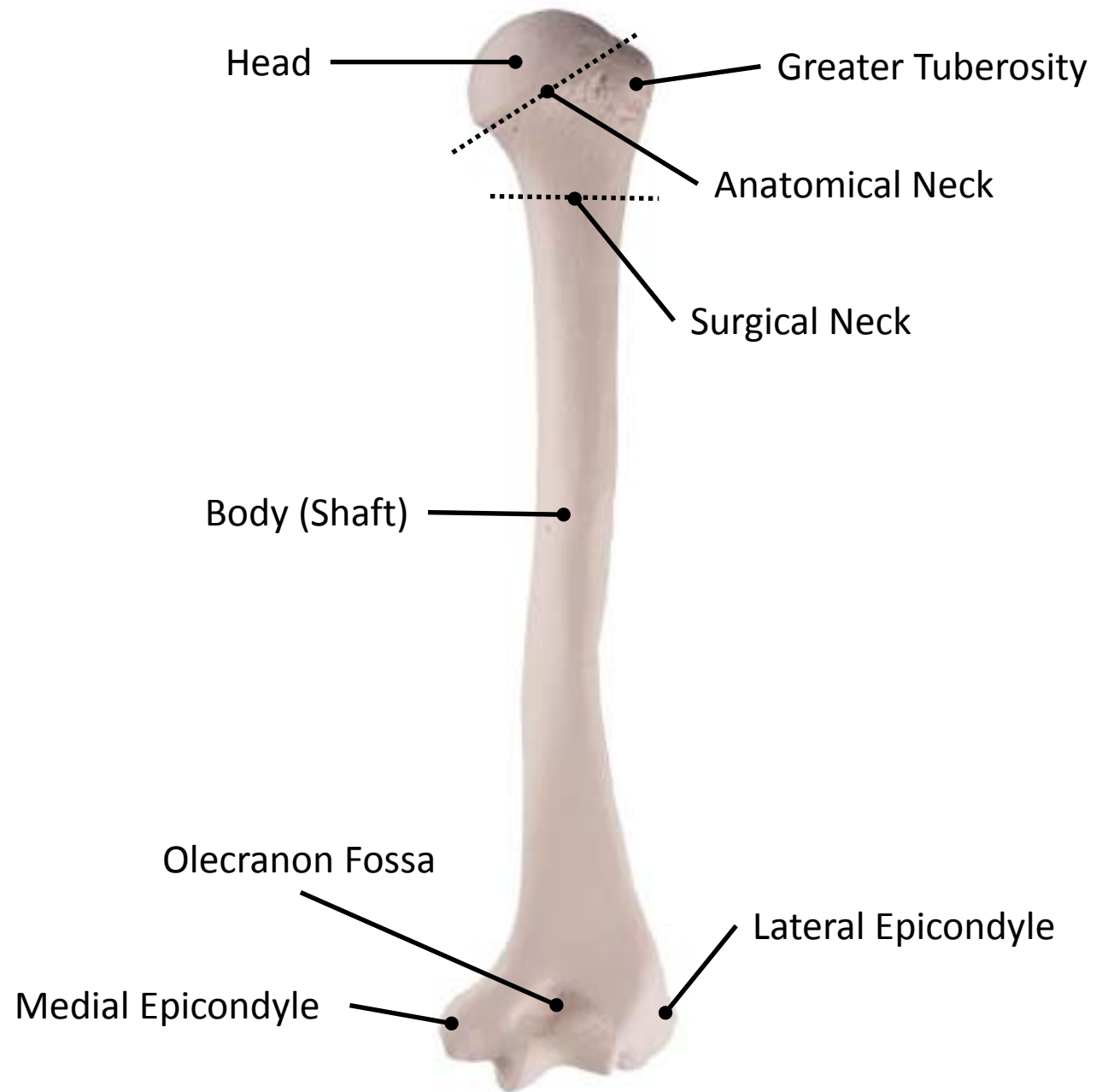




Right Clavicle

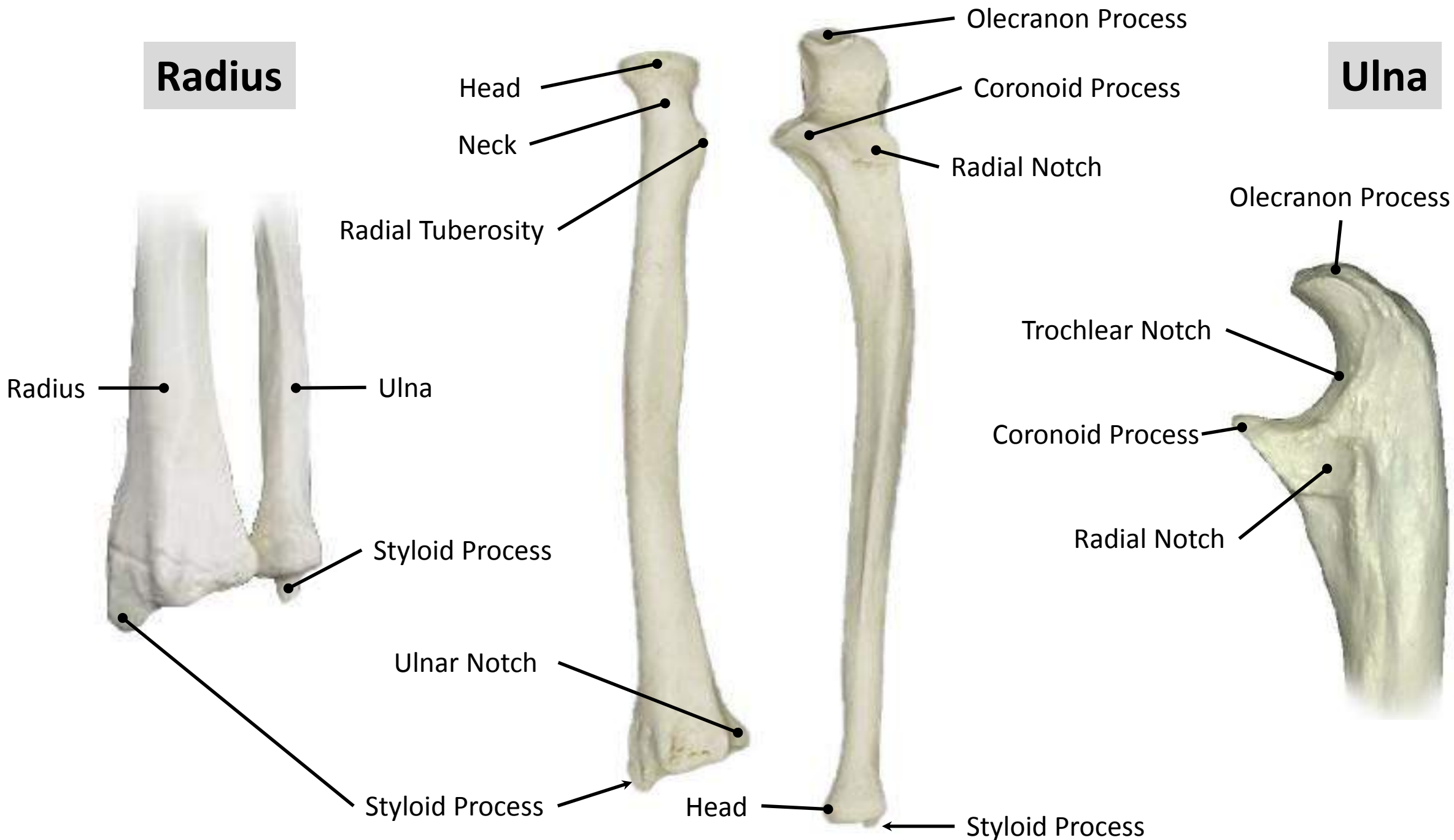






Radius

Ulna



Head

Neck

Radial Tuberosity

Radius

Ulna

Styloid Process

Ulnar Notch

Styloid Process

Head

Olecranon Process

Coronoid Process

Radial Notch

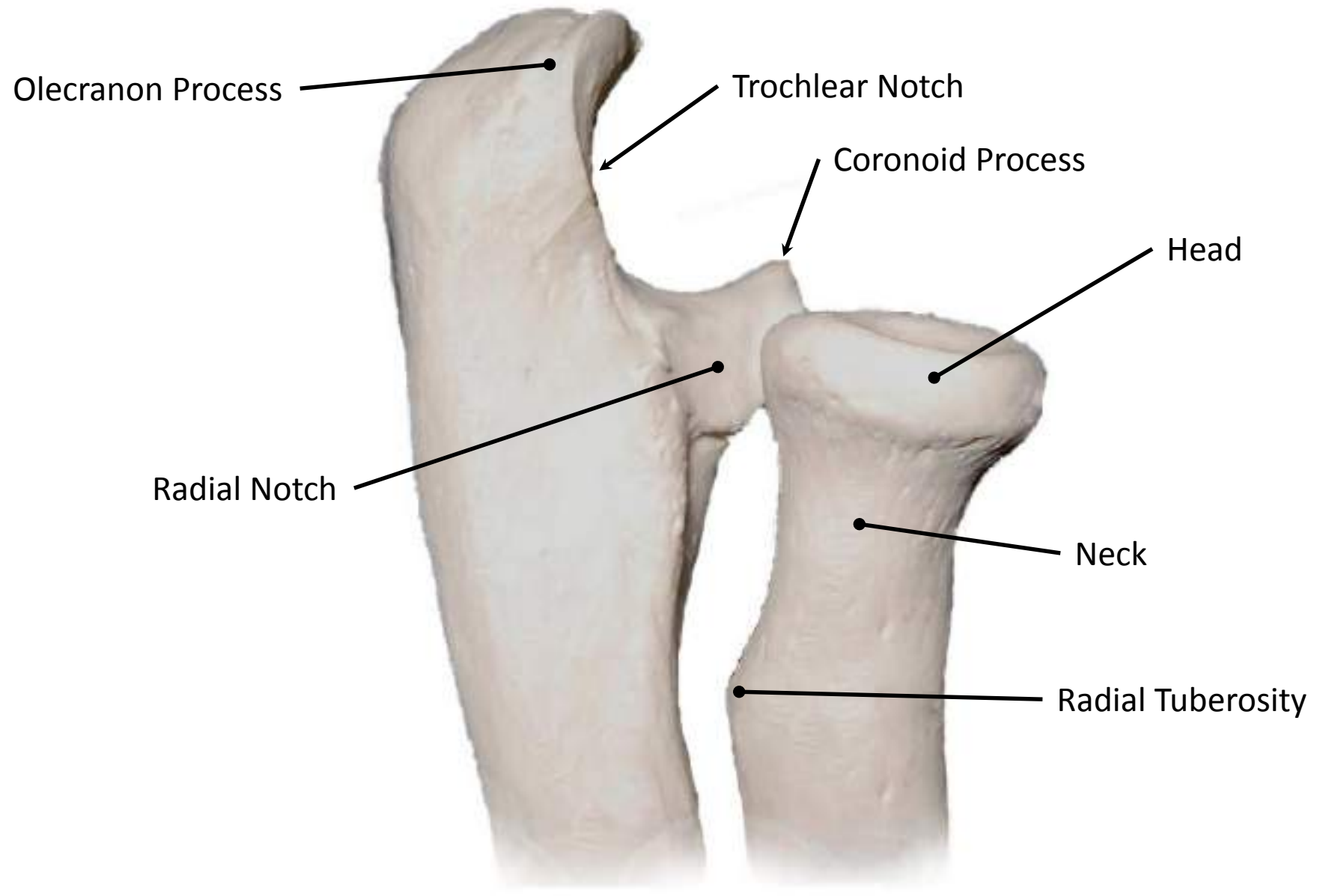
Trochlear Notch

Coronoid Process

Radial Notch

Olecranon Process

Styloid Process



Olecranon Process

Trochlear Notch

Coronoid Process

Head

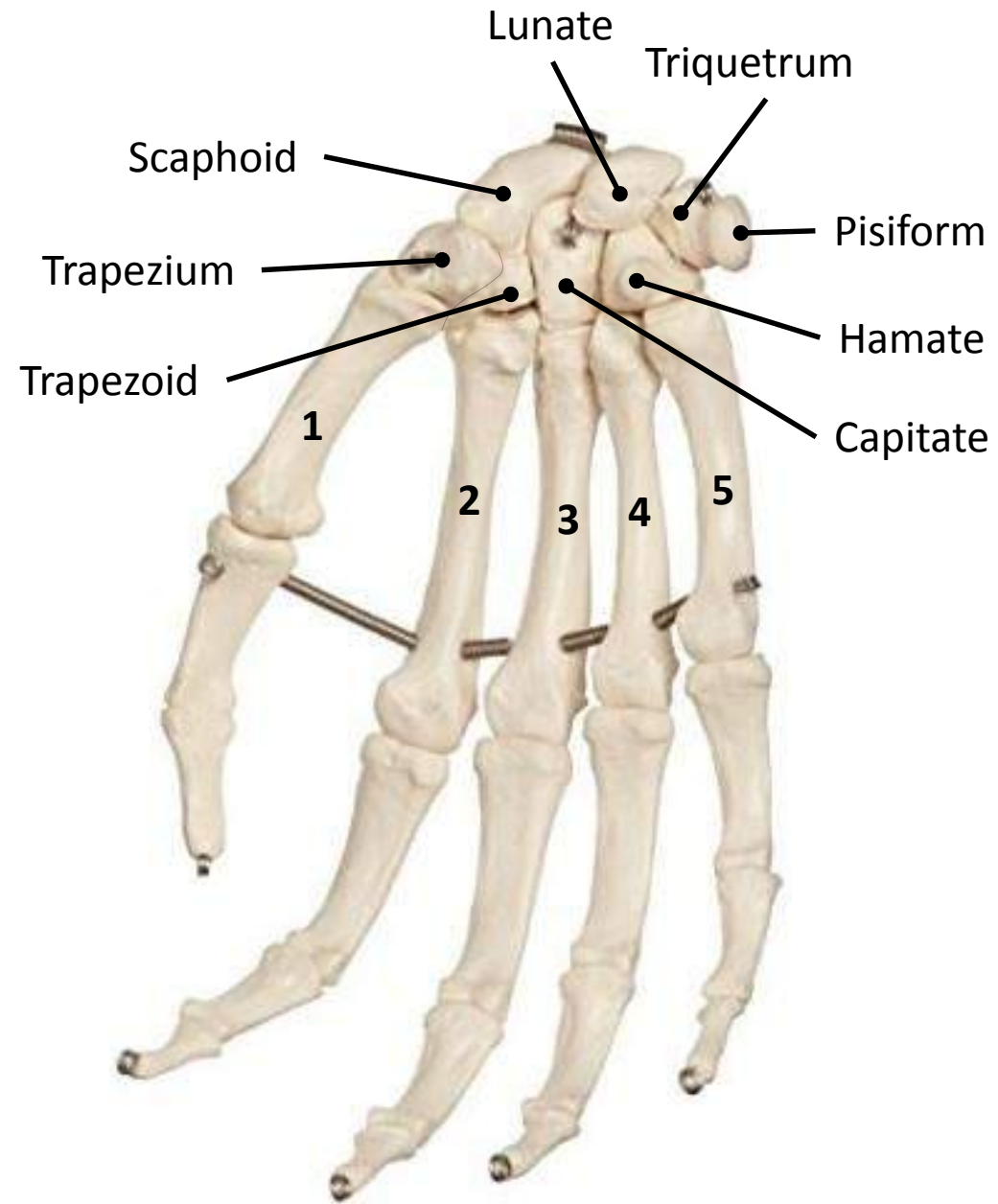
Radial Notch

Neck

Radial Tuberosity

Ulna

Radius



Lunate
Triquetrum
Capitate
Hamate
Scaphoid
Trapezoid
Trapezium

Metacarpal bones:

- Base (Proximal)

- Body (Shaft)

- Head (Distal)

Phalanges:

- Base

- Body

- Head

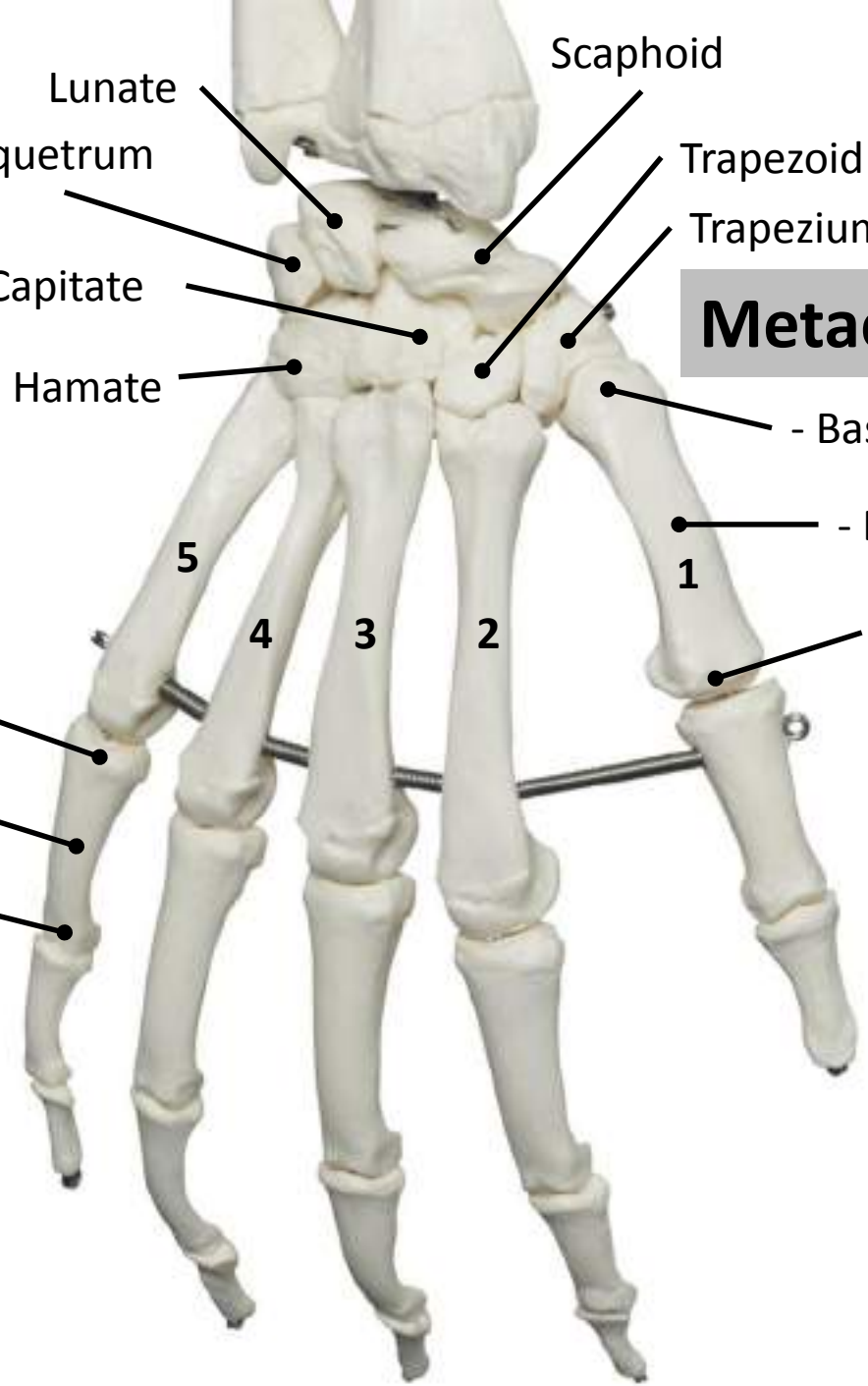
5

4

3

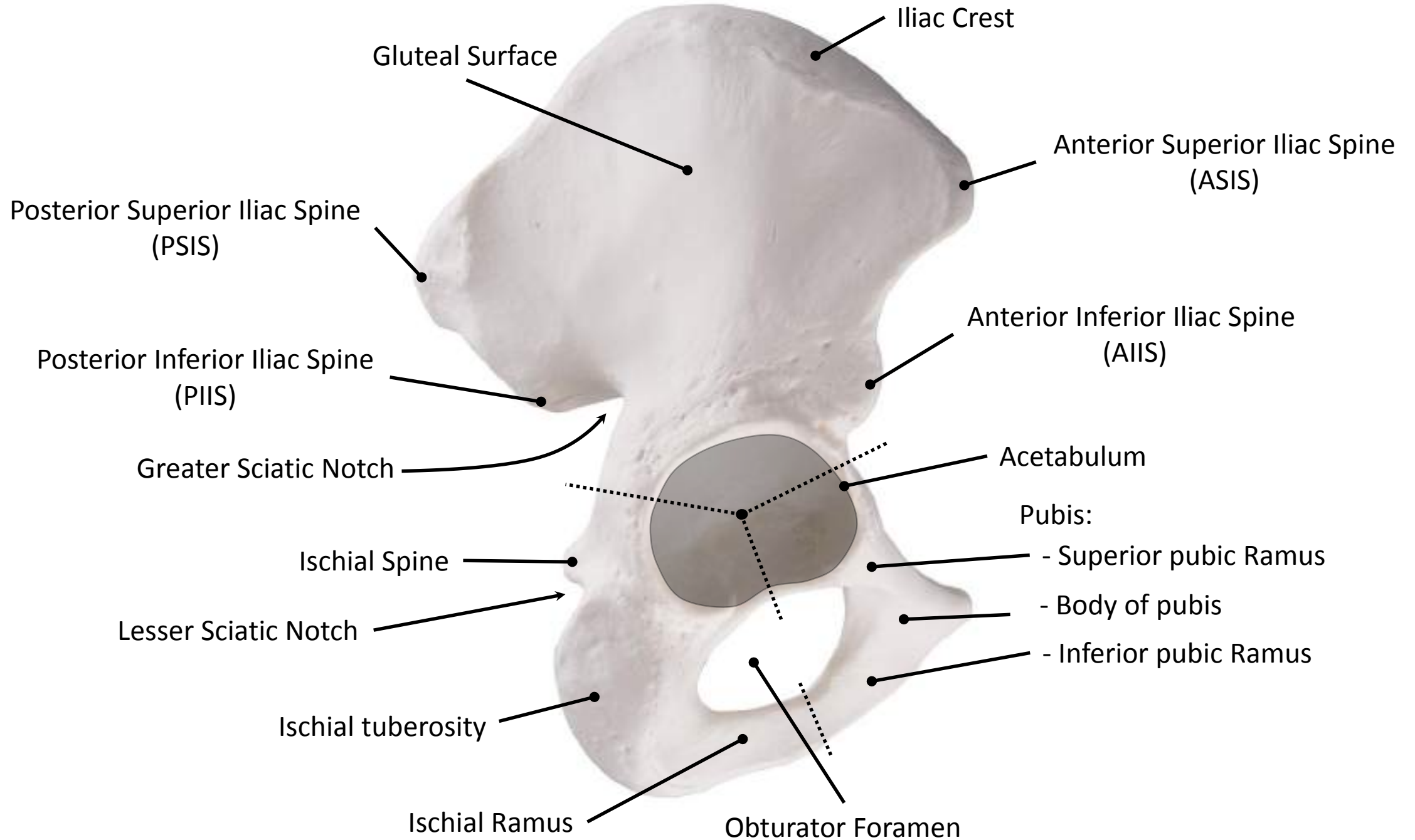
2

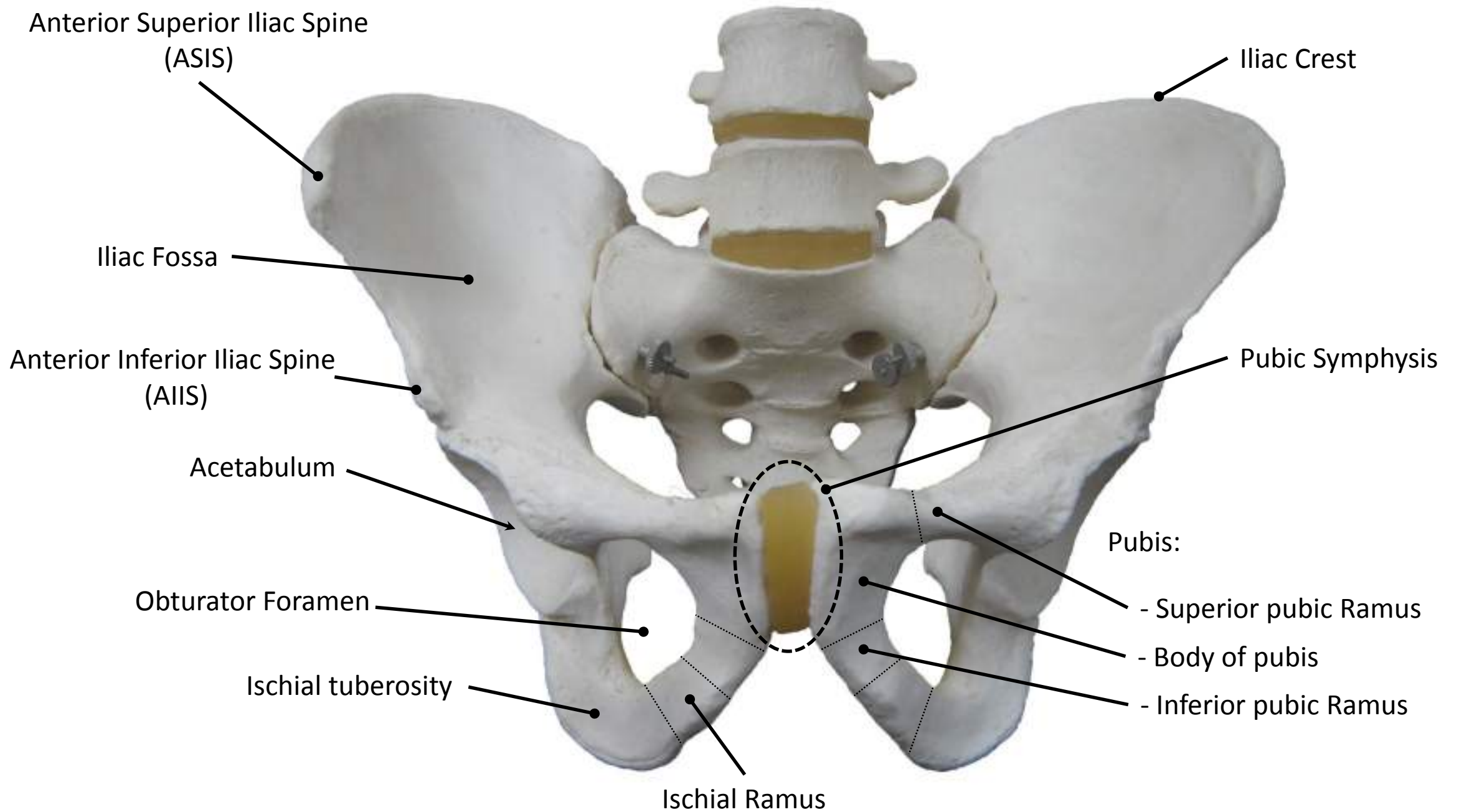
1

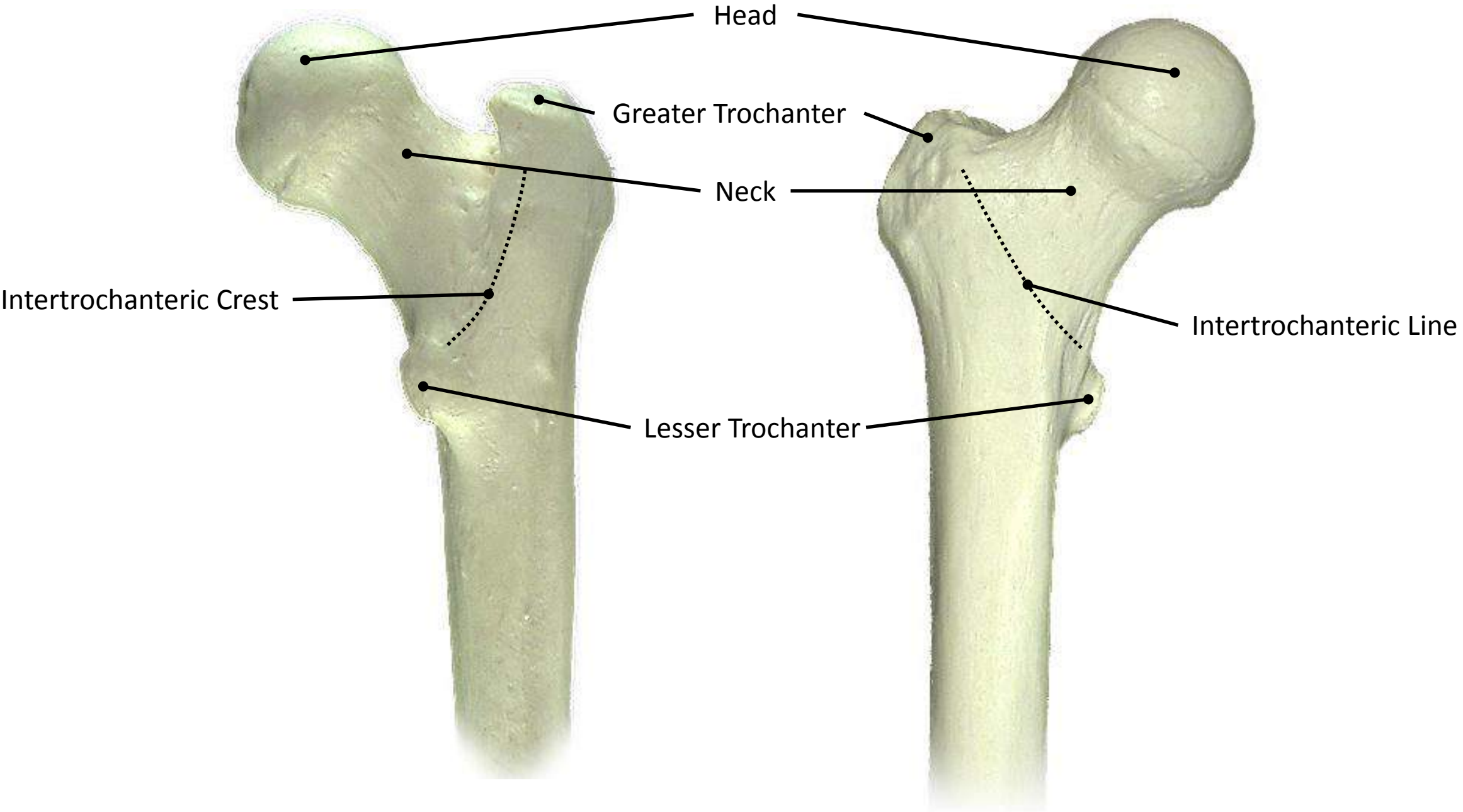


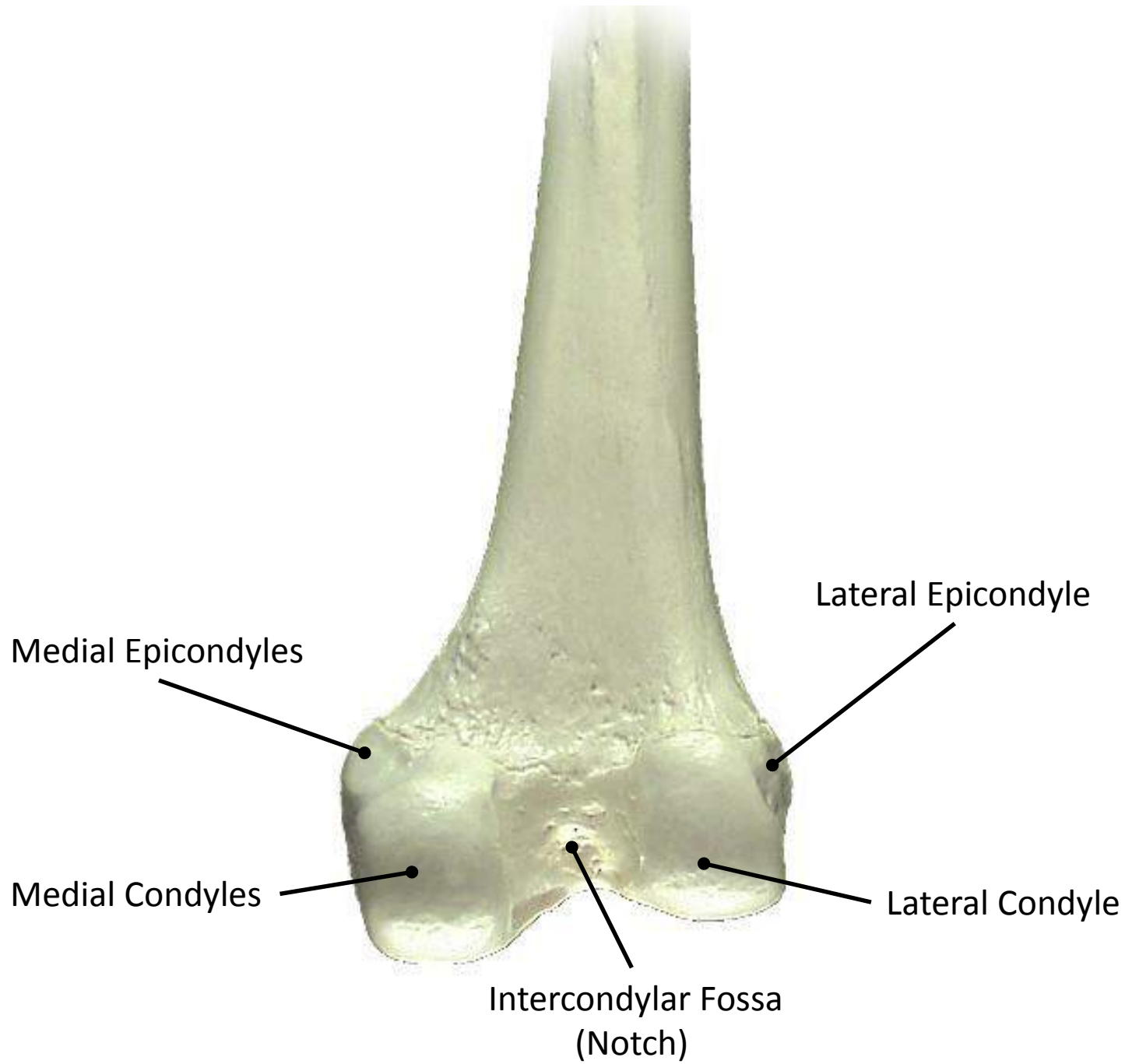
Lab 4

Bones of Lower Limb









Medial Epicondyles

Lateral Epicondyle

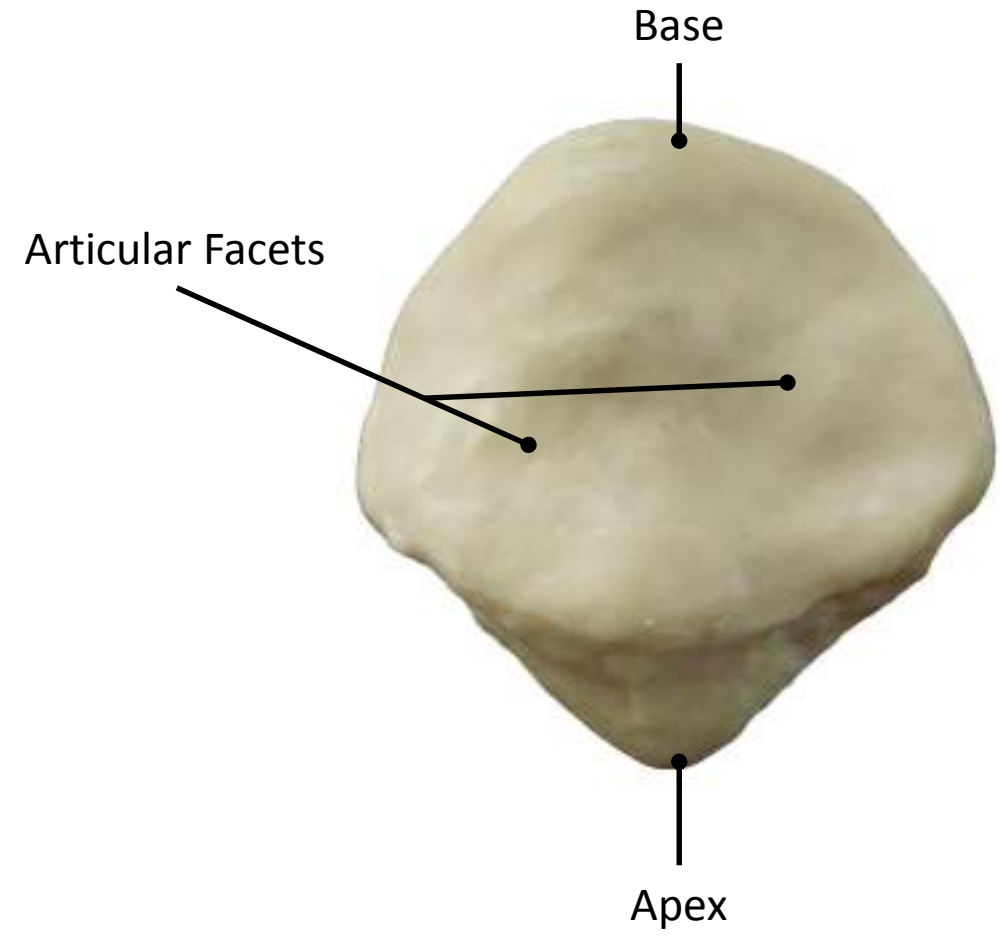
Medial Condyles

Lateral Condyle

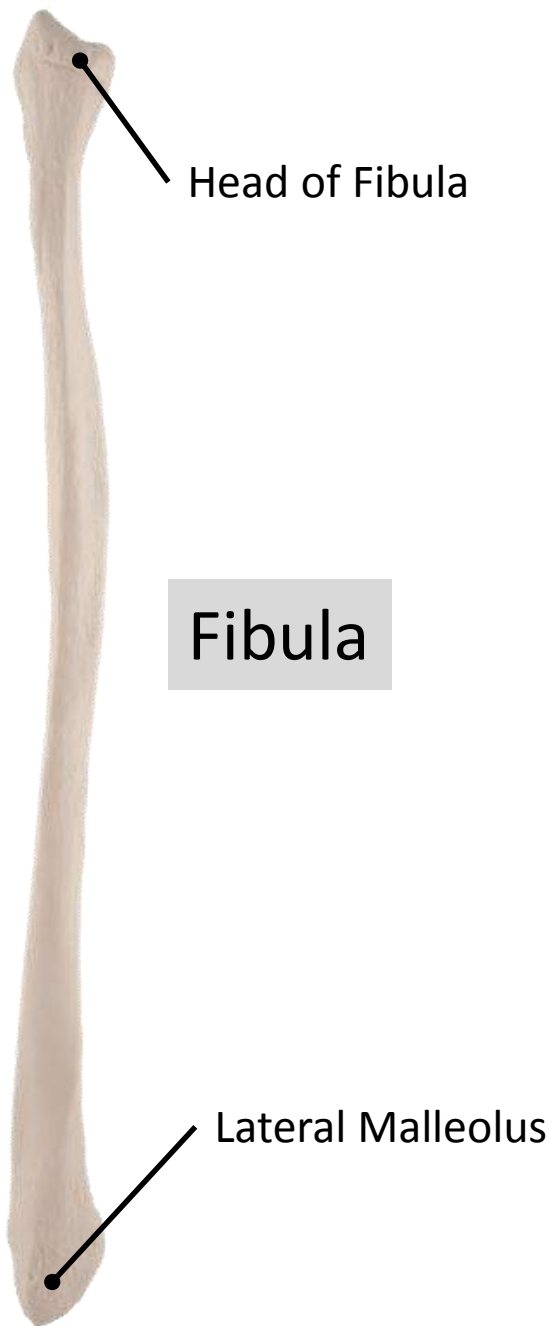
Intercondylar Fossa
(Notch)



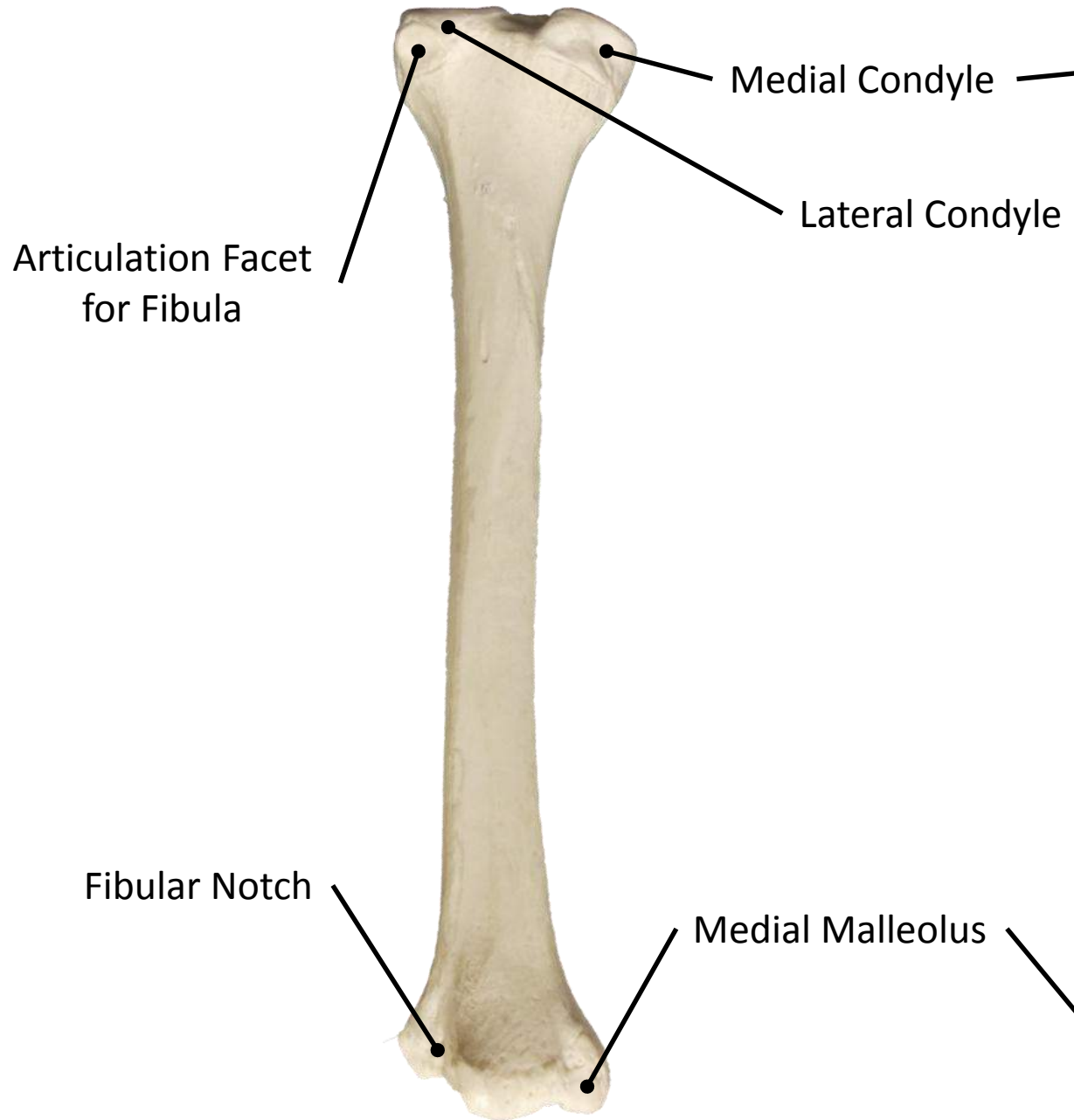
Patella
(Anterior Surface)



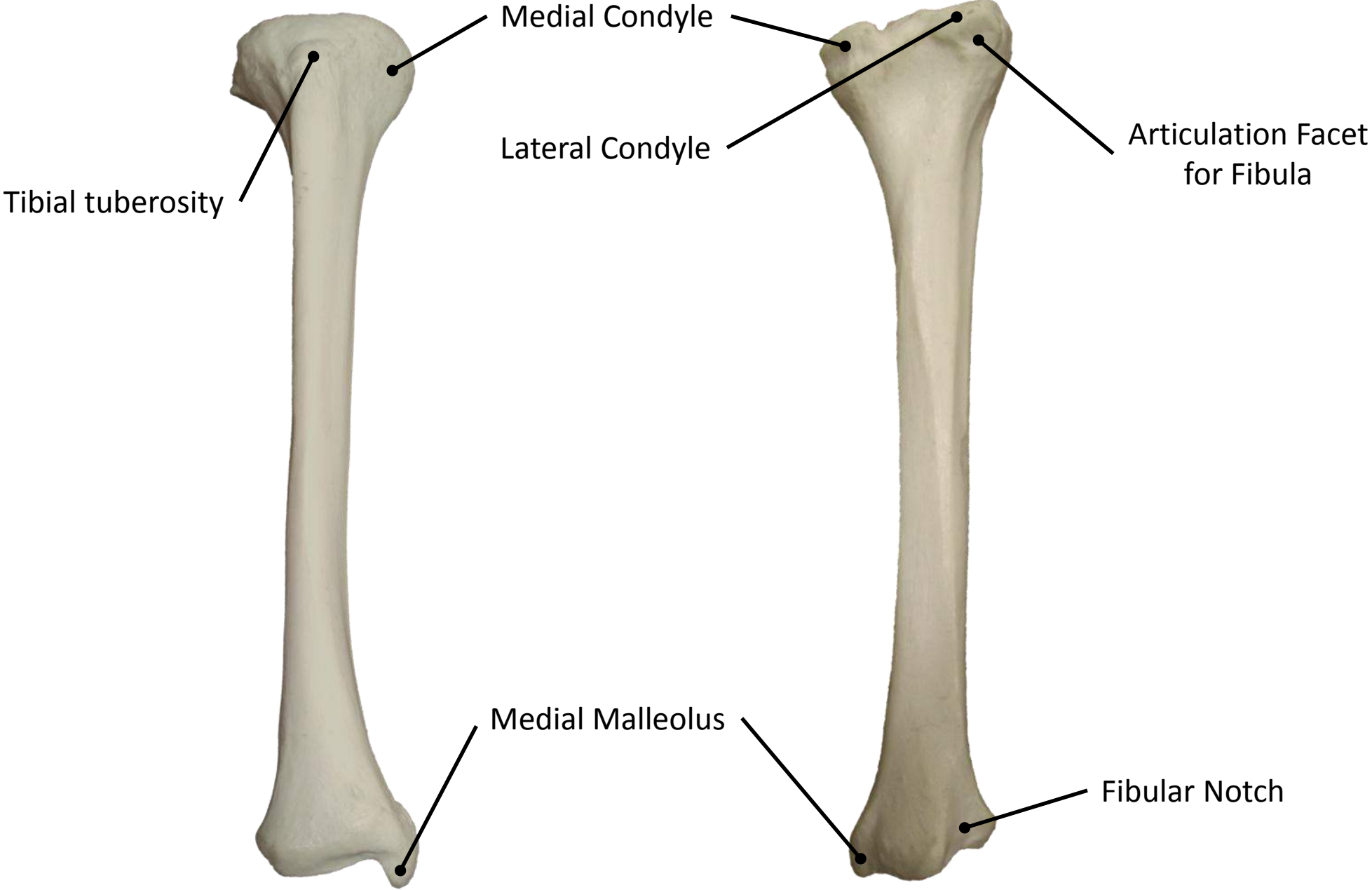
Patella
(Posterior Surface)

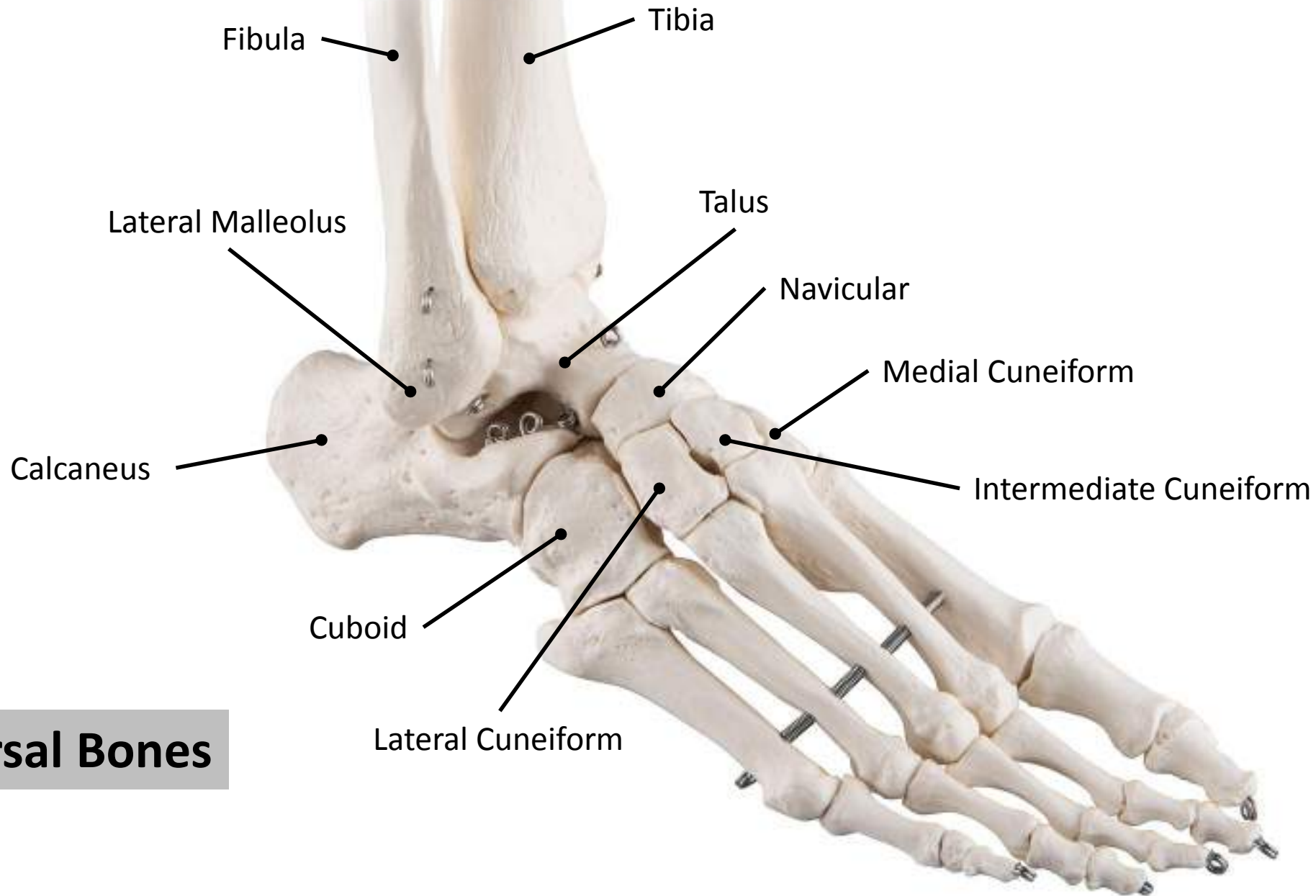


Fibula

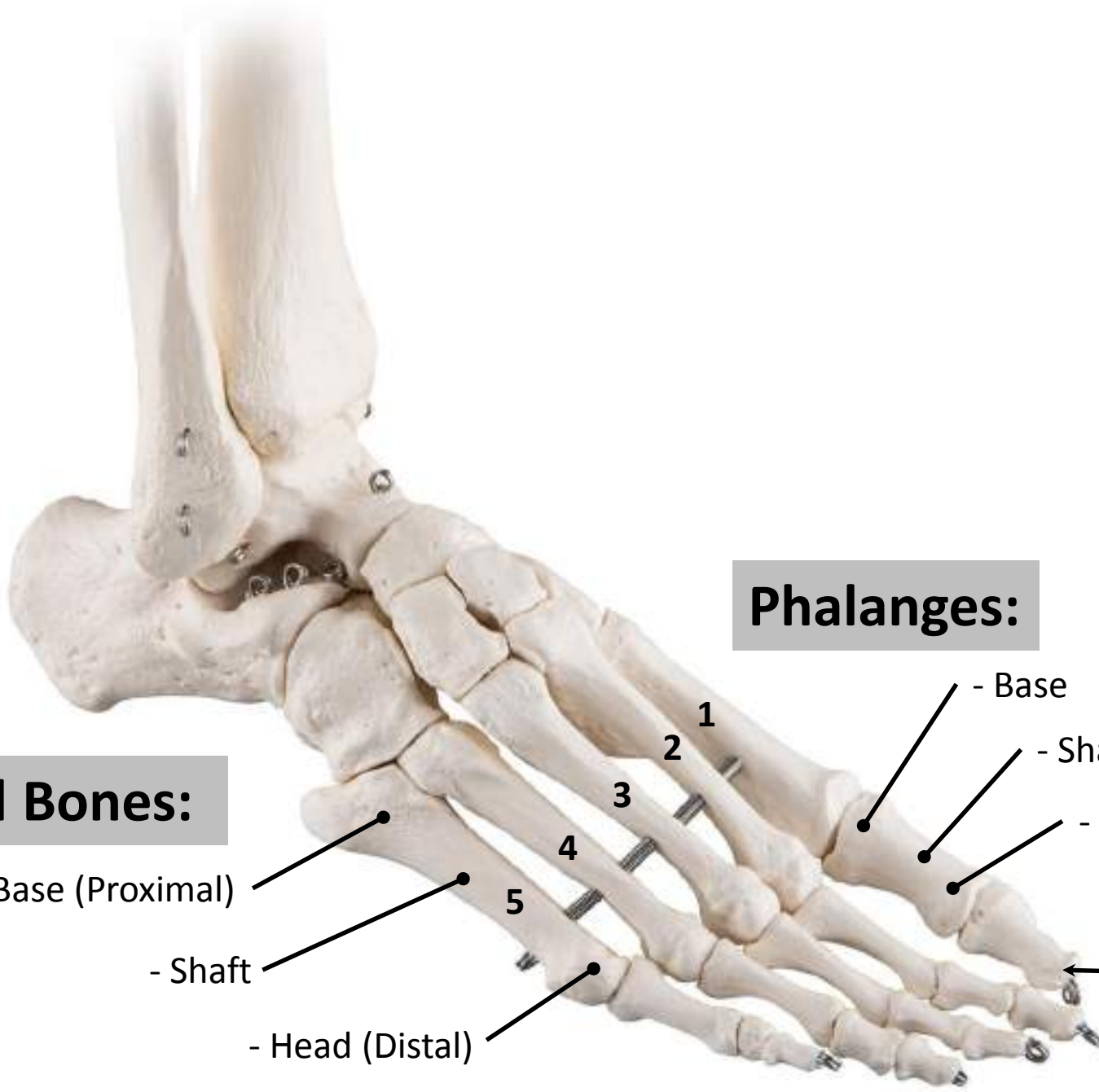


Tibia





Tarsal Bones



Metatarsal Bones:

- Base (Proximal)
- Shaft
- Head (Distal)

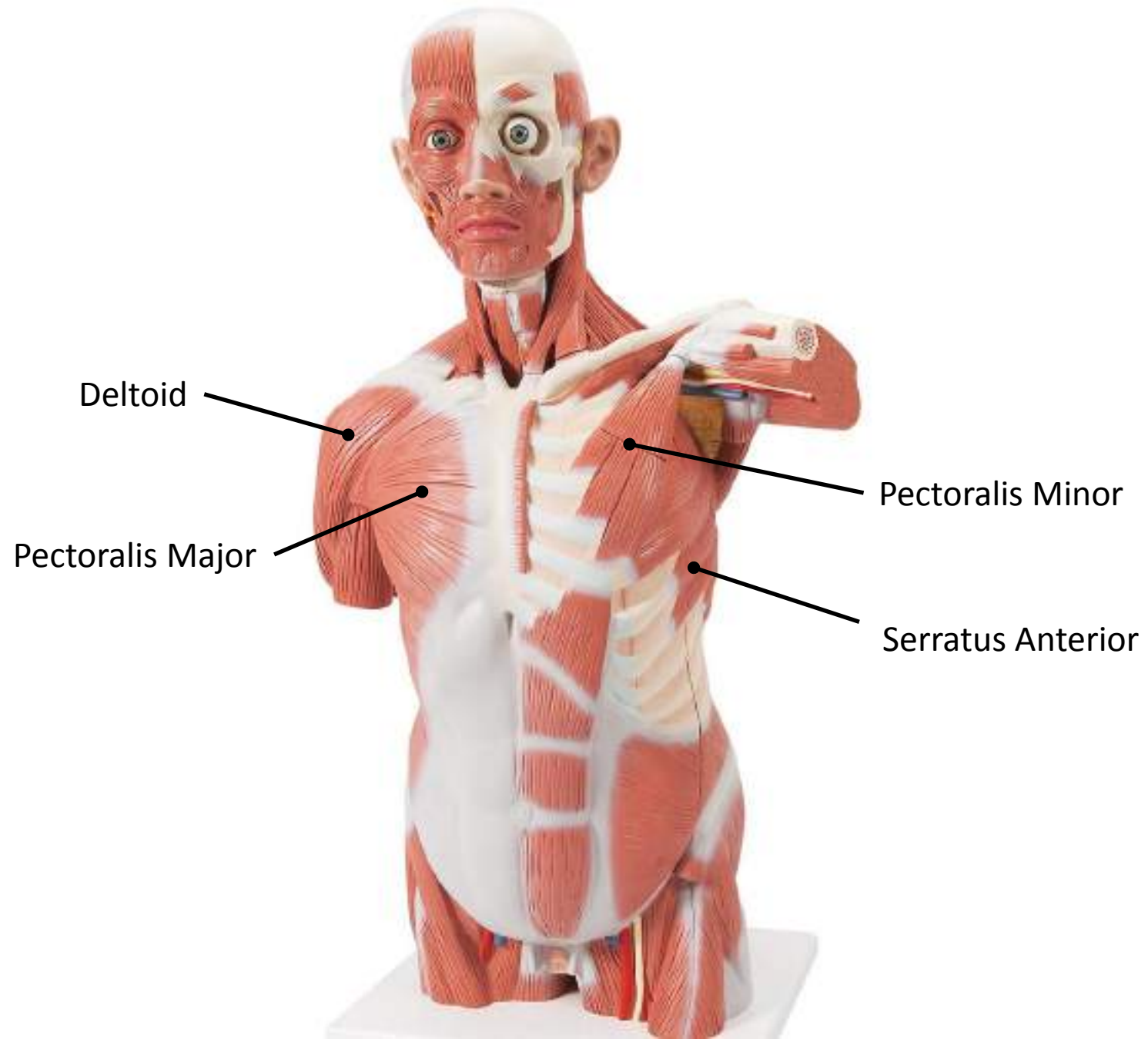
Phalanges:

- Base
- Shaft
- Head

Big Toe

Lab 5

Muscles of Upper Limb

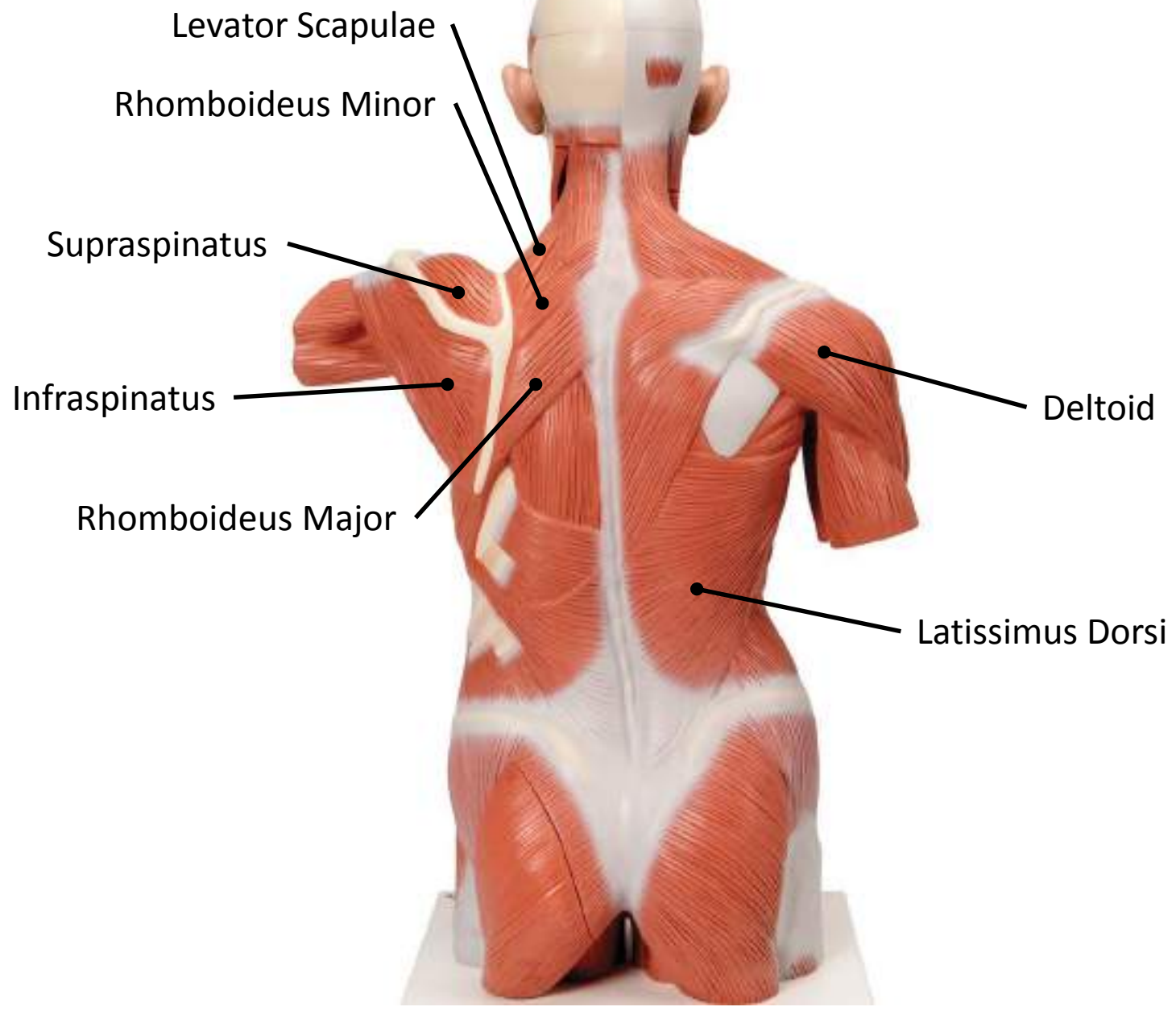


Deltoid

Pectoralis Major

Pectoralis Minor

Serratus Anterior



Levator Scapulae

Rhomboideus Minor

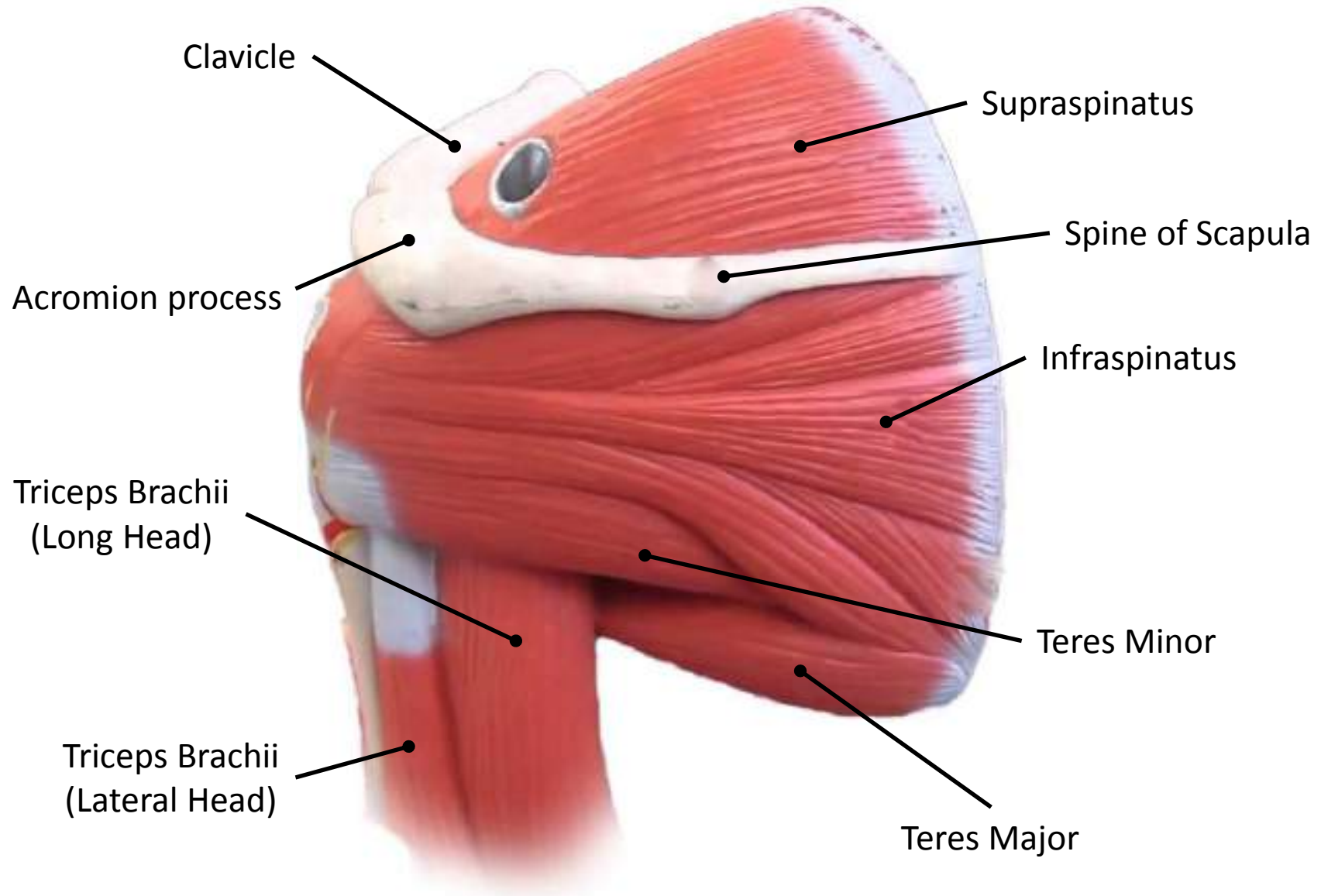
Supraspinatus

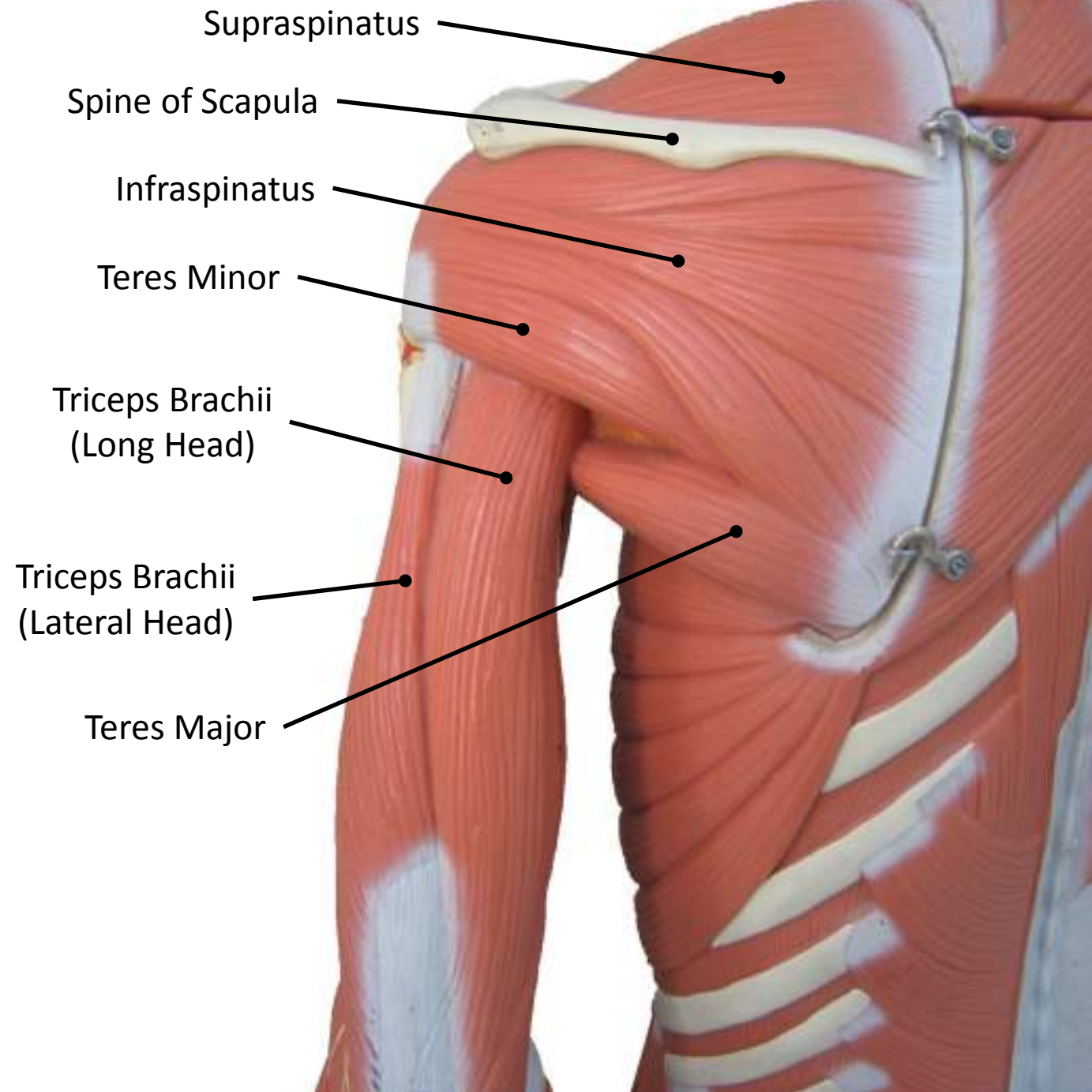
Infraspinatus

Rhomboideus Major

Deltoid

Latissimus Dorsi





Biceps Brachii
(Short Head)

Biceps Brachii
(Long Head)

Subscapularis

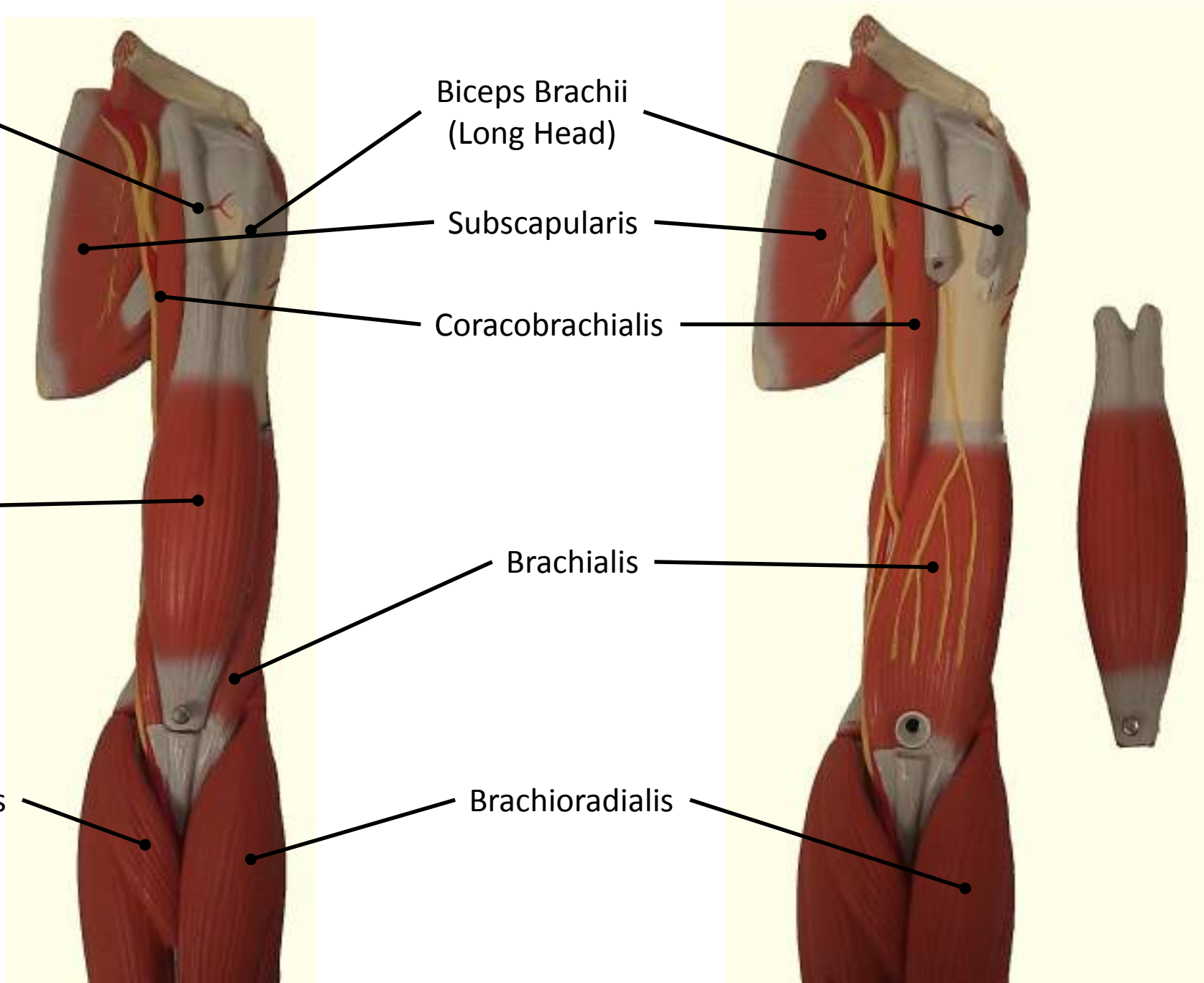
Coracobrachialis

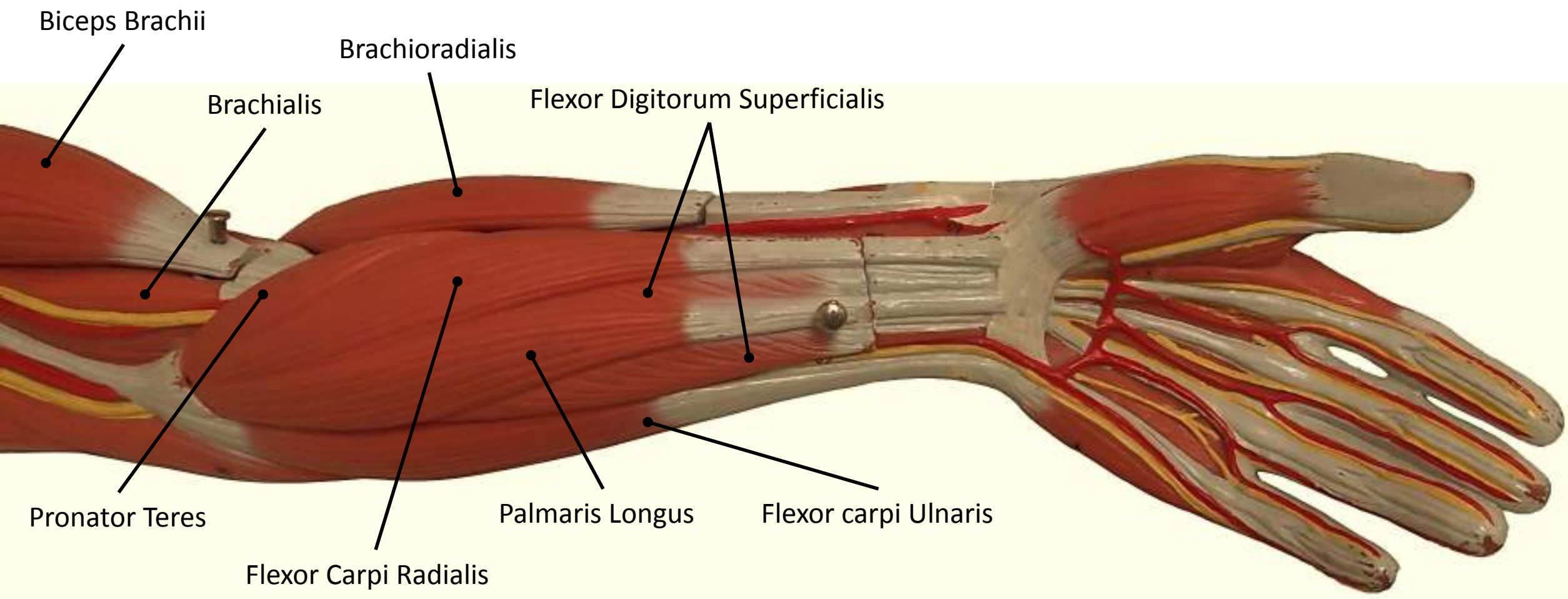
Biceps Brachii

Brachialis

Pronator Teres

Brachioradialis





Biceps Brachii

Brachioradialis

Brachialis

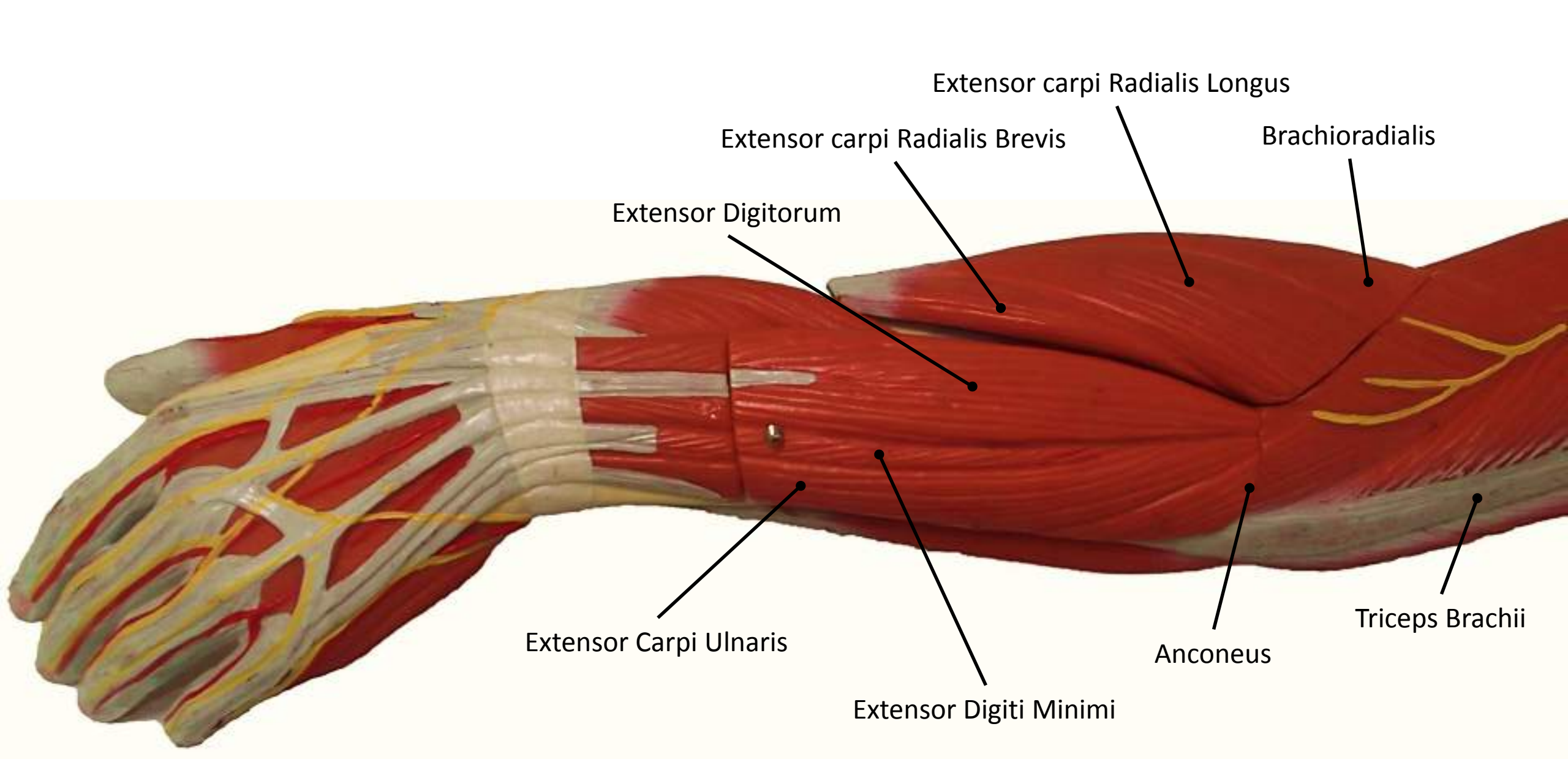
Flexor Digitorum Superficialis

Pronator Teres

Flexor Carpi Radialis

Palmaris Longus

Flexor carpi Ulnaris



Extensor carpi Radialis Longus

Extensor carpi Radialis Brevis

Brachioradialis

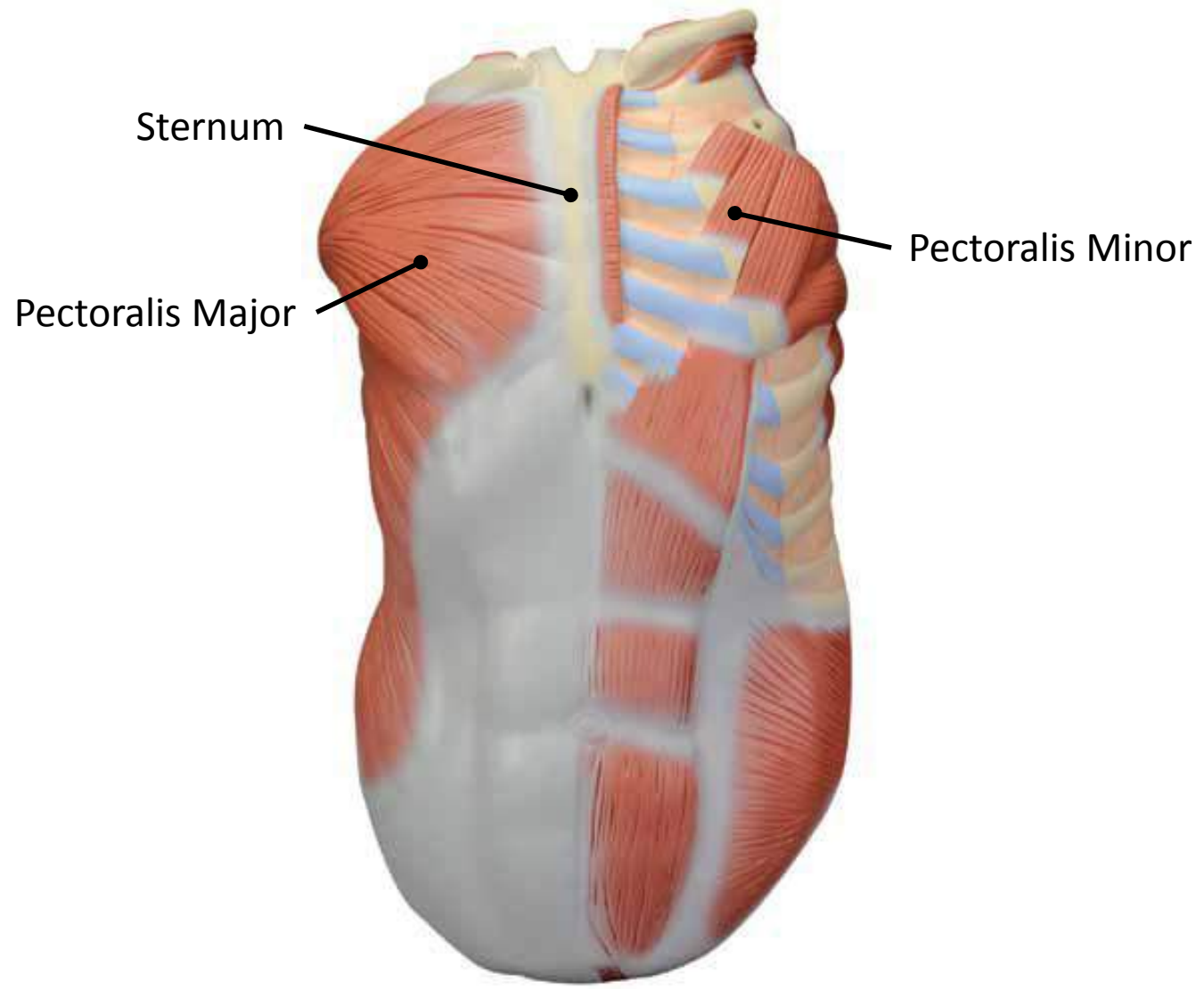
Extensor Digitorum

Extensor Carpi Ulnaris

Extensor Digiti Minimi

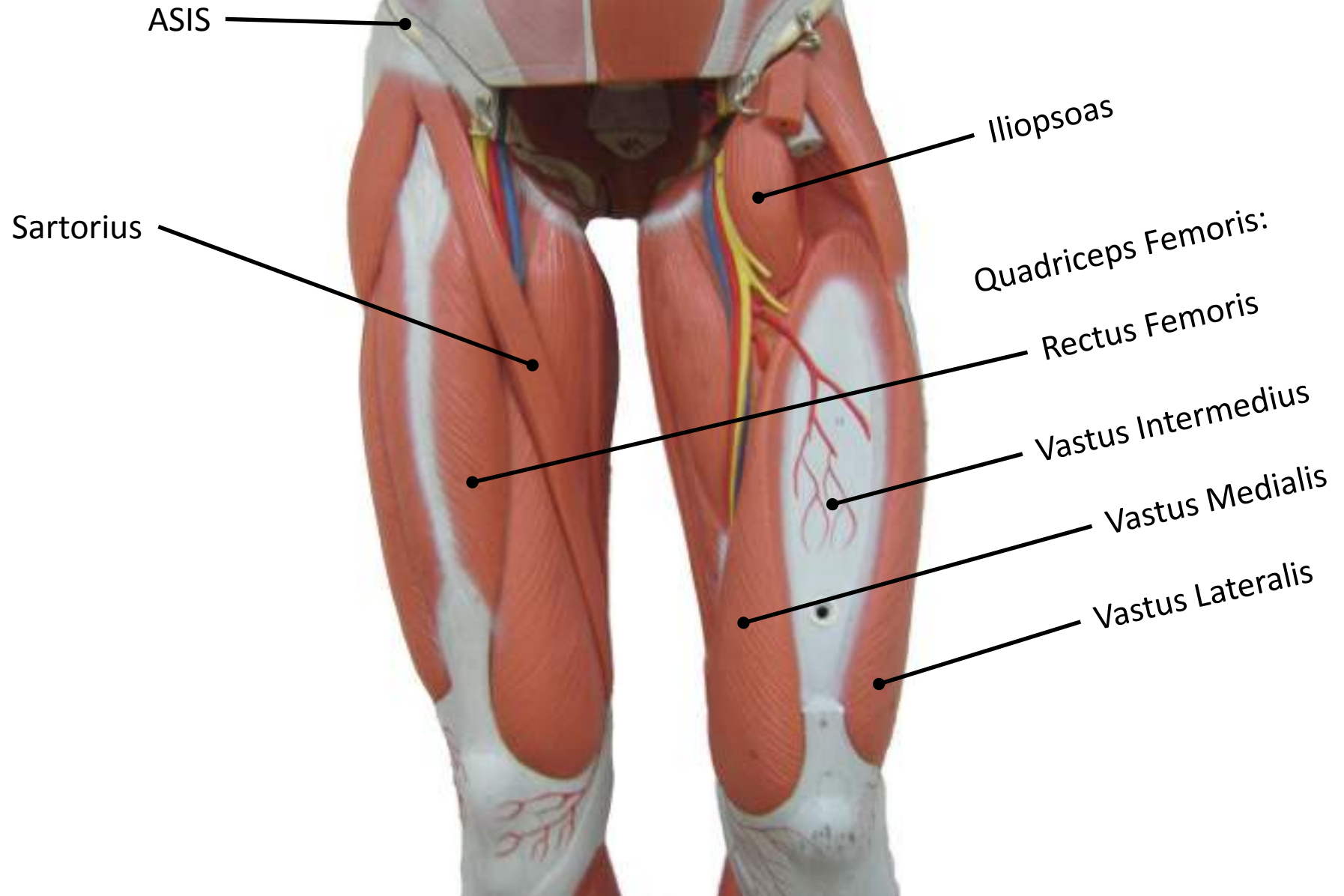
Anconeus

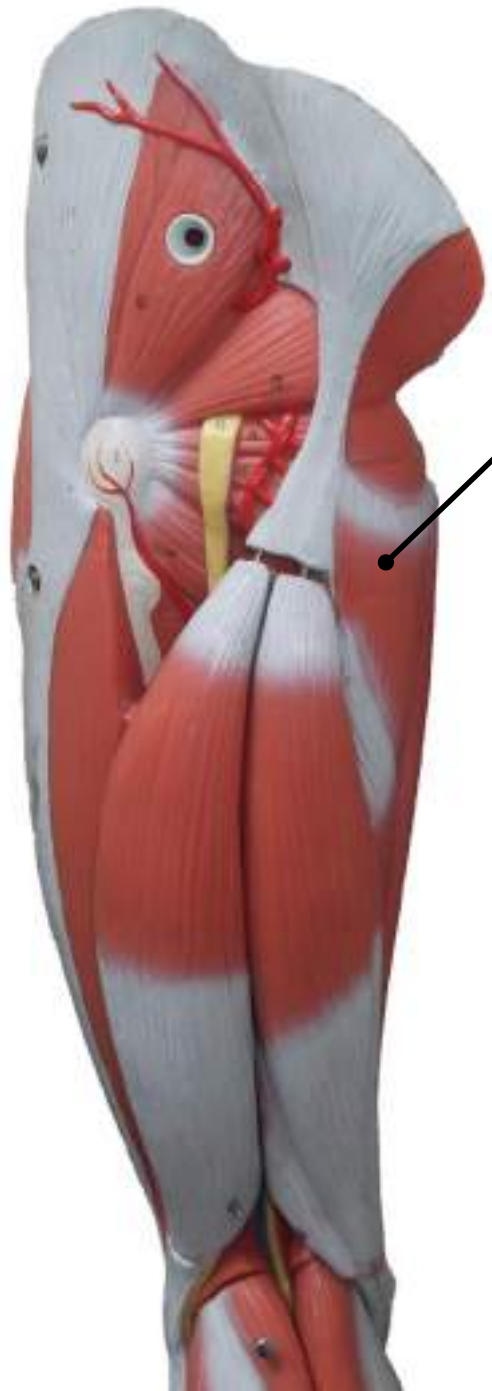
Triceps Brachii



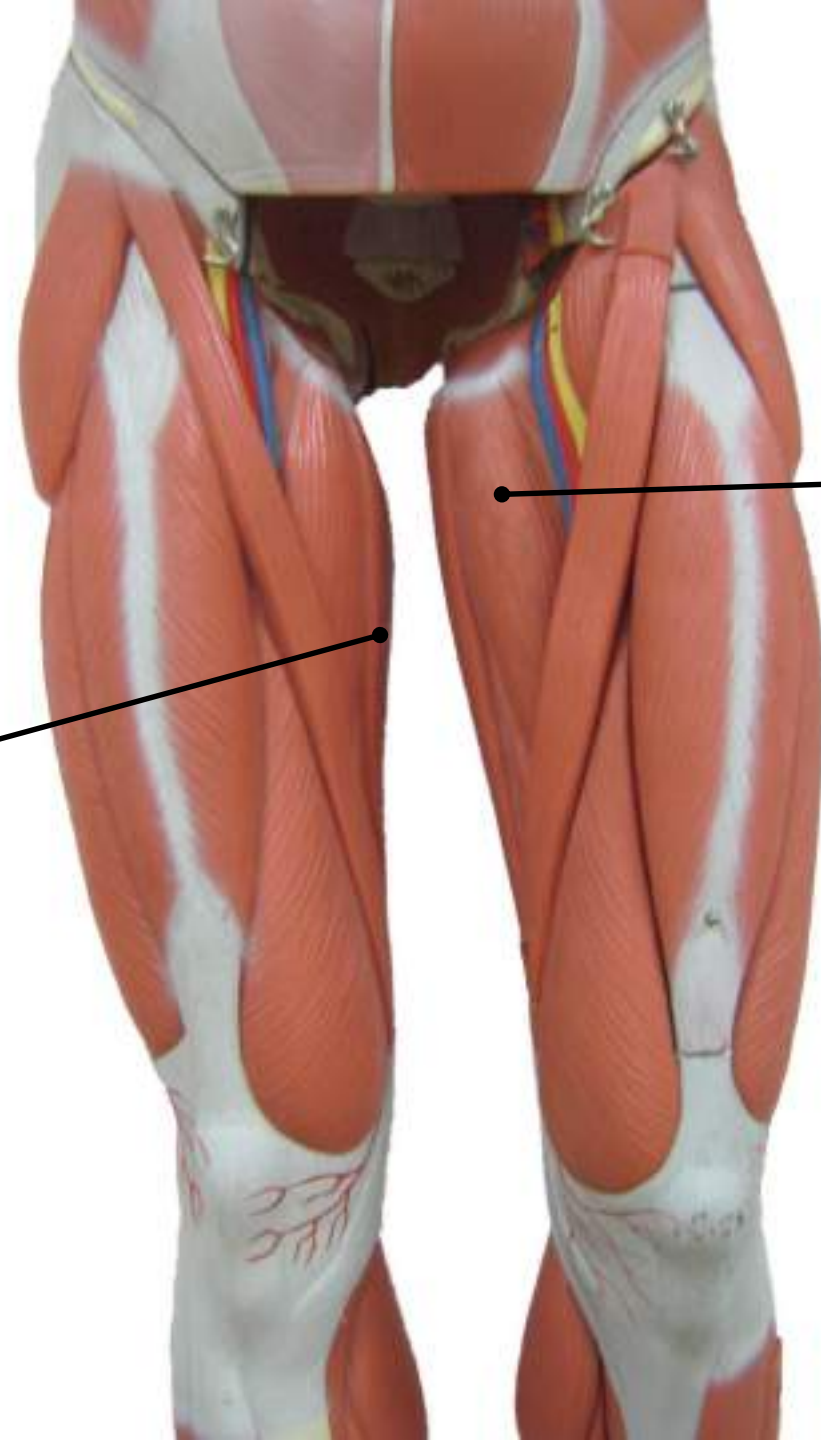
Lab 6

Muscles of Lower Limb





Adductor Magnus

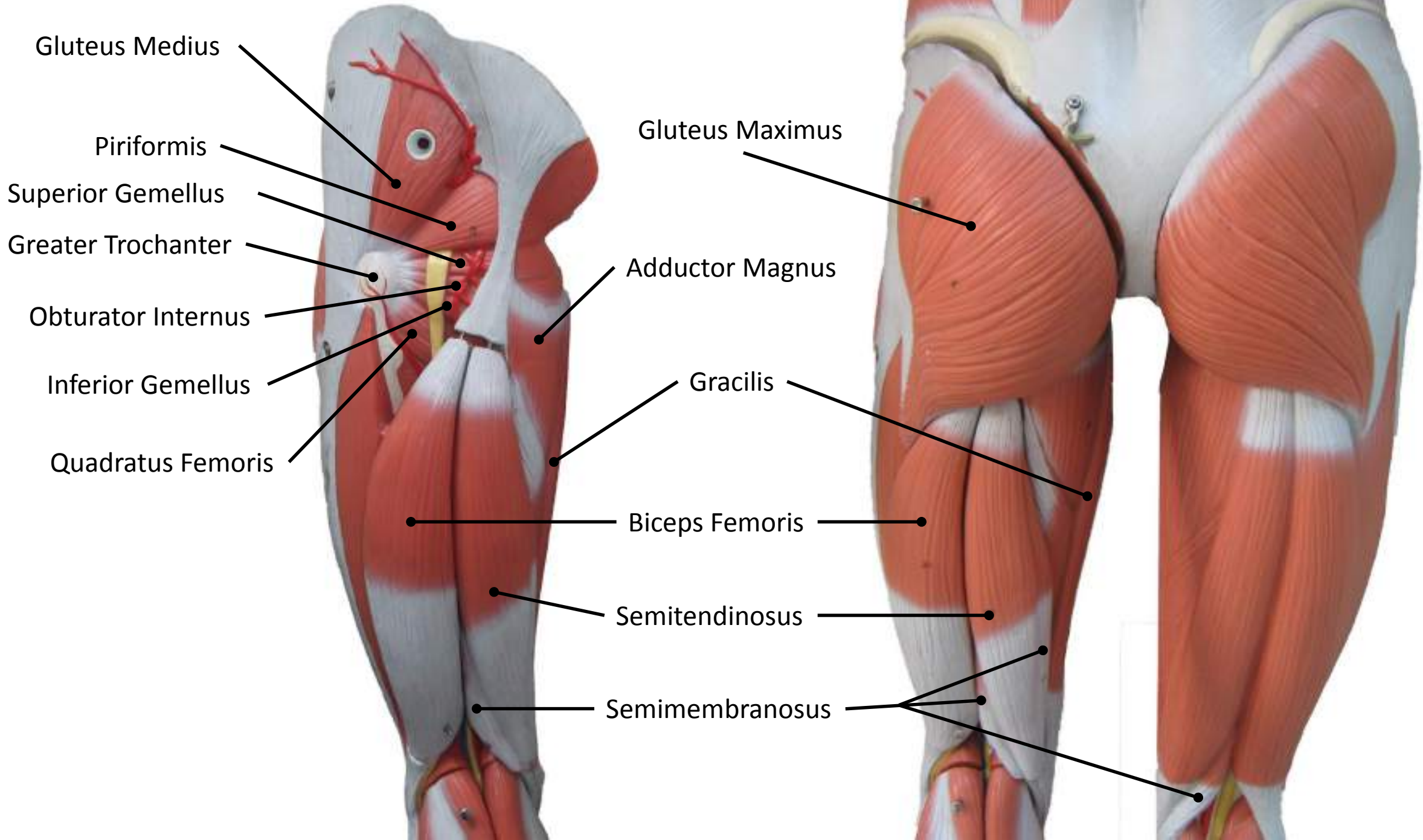


Adductor Longus



Gracilis





Gluteus Medius

Piriformis

Superior Gemellus

Greater Trochanter

Obturator Internus

Inferior Gemellus

Quadratus Femoris

Gluteus Maximus

Adductor Magnus

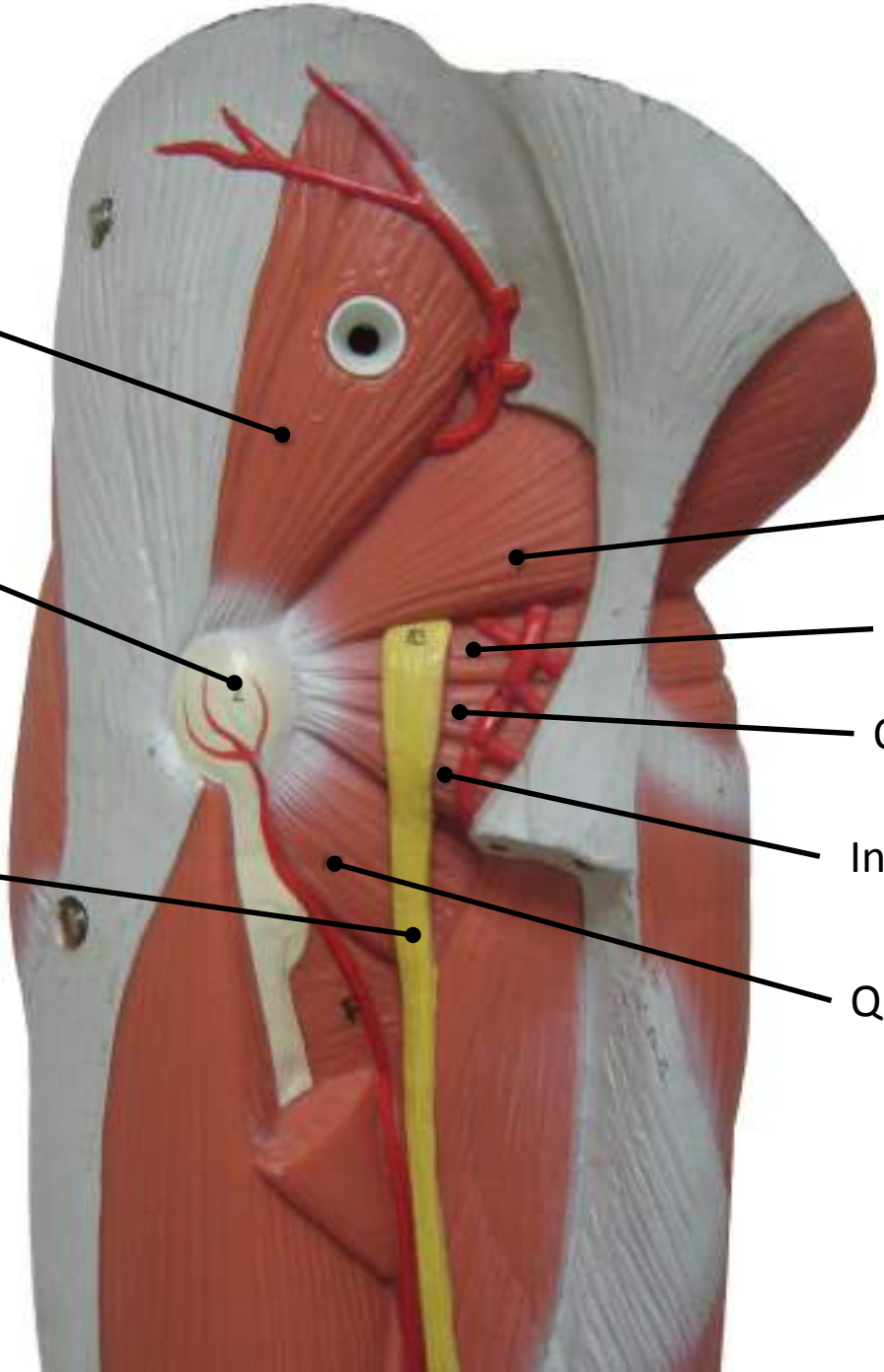
Gracilis

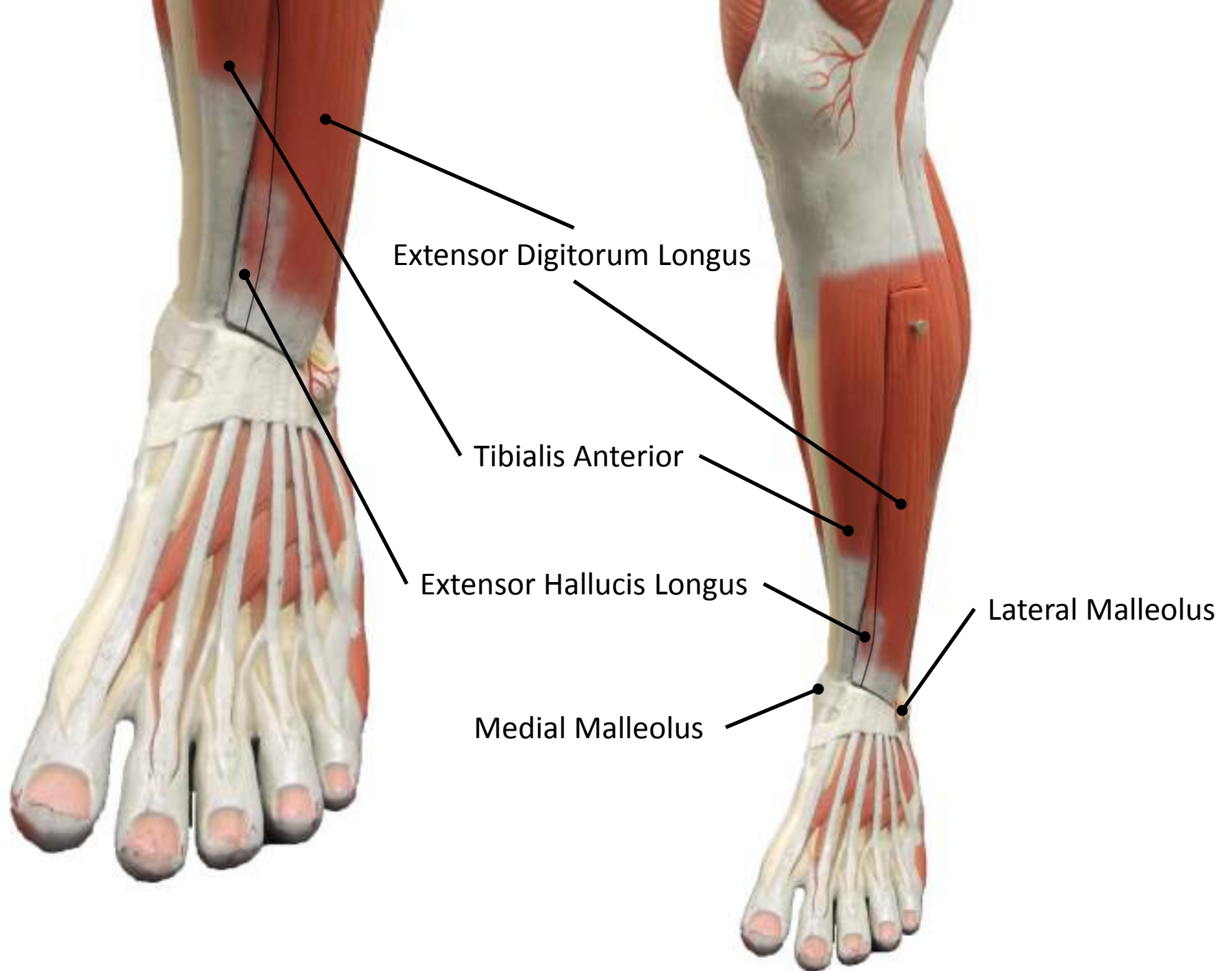
Biceps Femoris

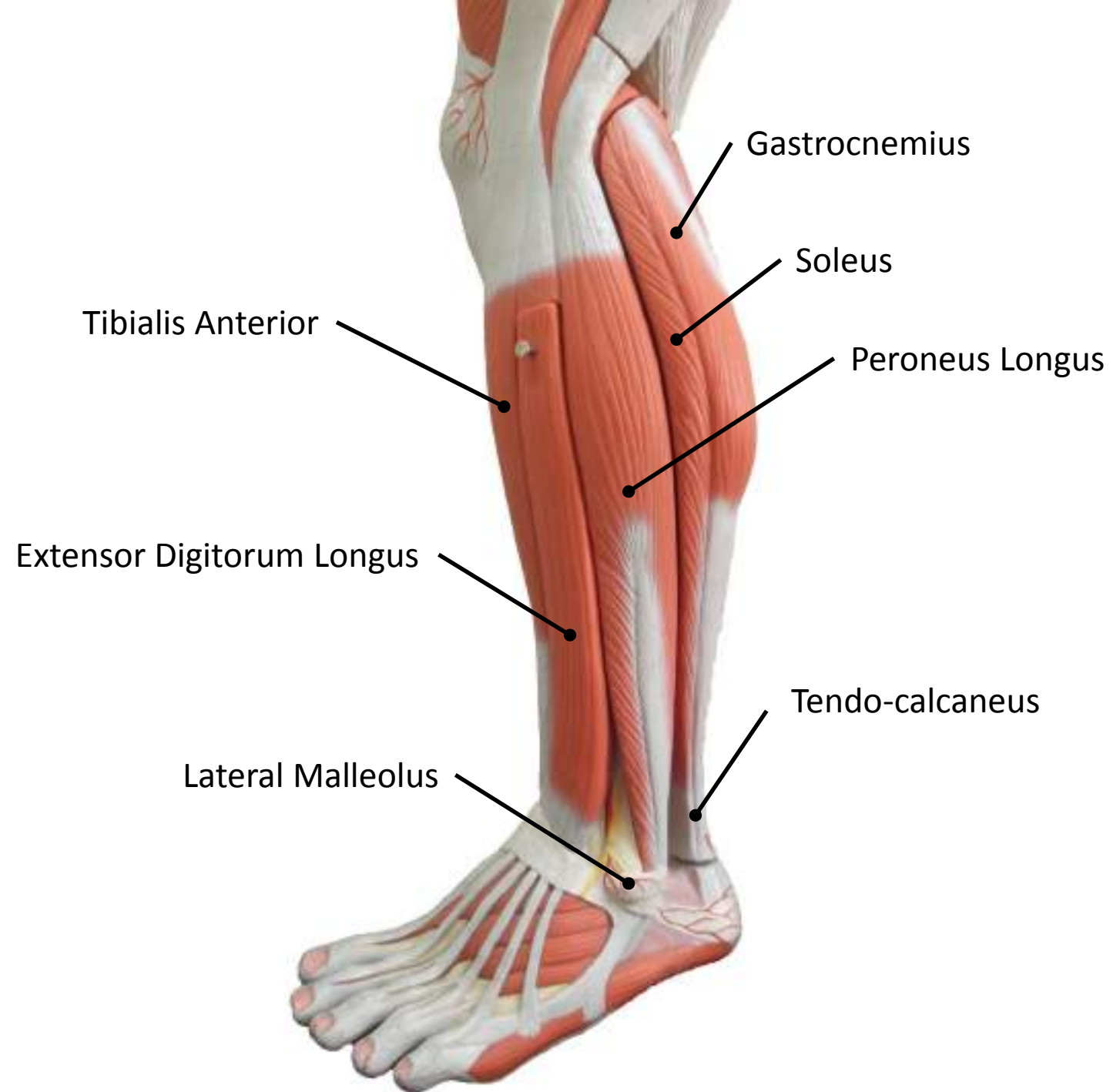
Semitendinosus

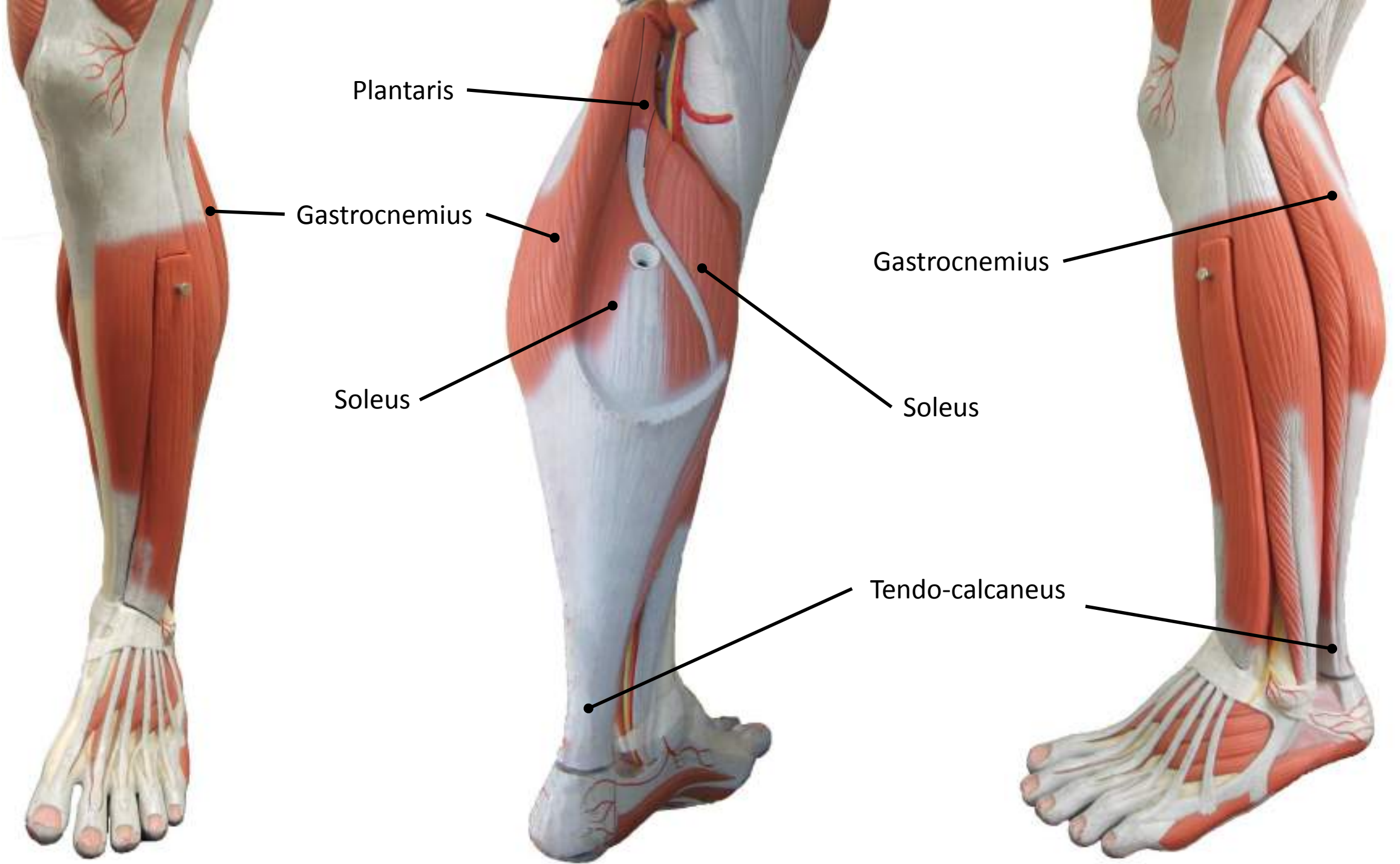
Semimembranosus

Gluteus Medius
Greater Trochanter
Sciatic Nerve
Piriformis
Superior gemellus
Obturator Internus
Inferior gemellus
Quadratus Femoris









Gastrocnemius
(Lateral Head)

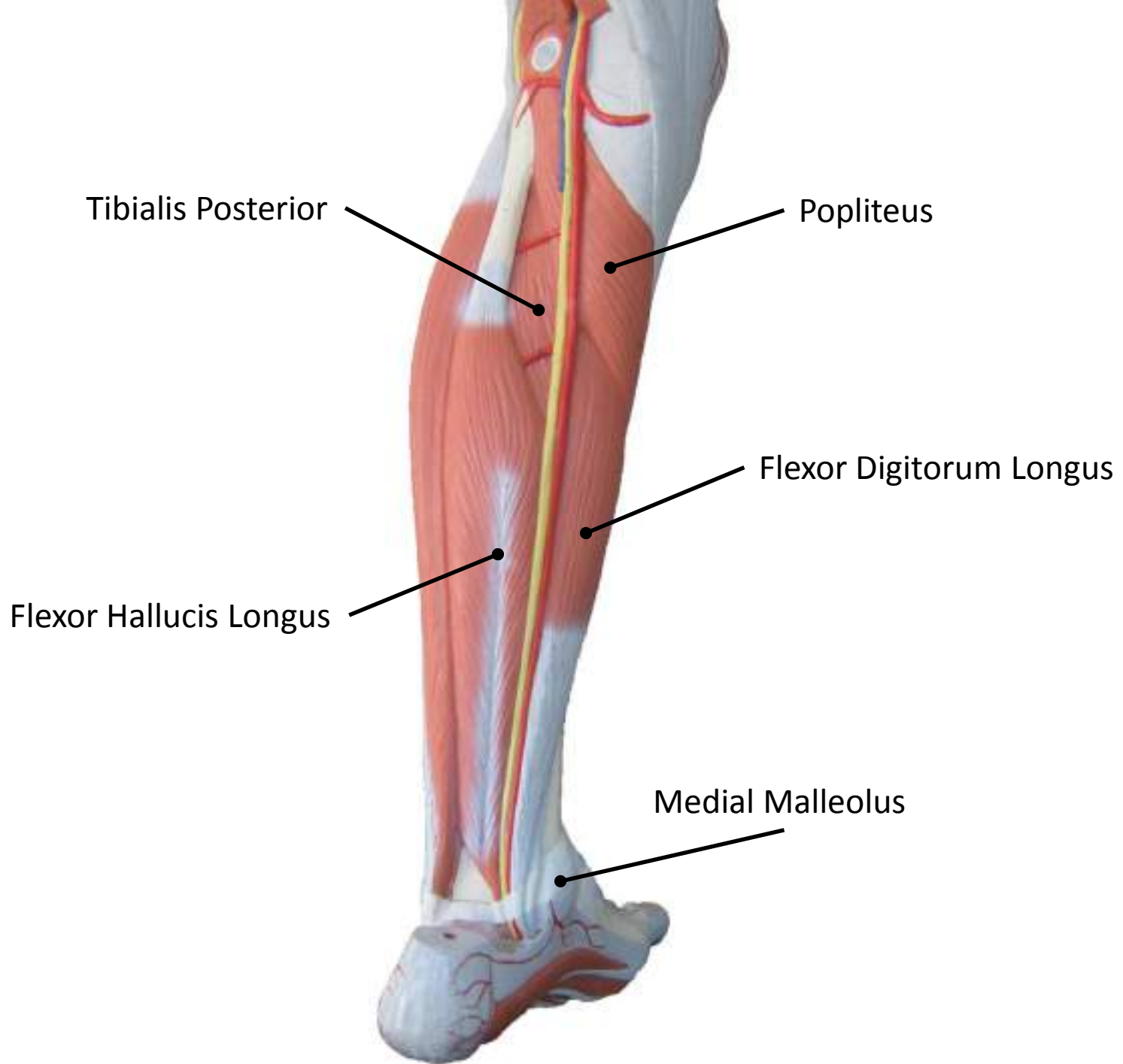
Gastrocnemius
(Medial Head)

Peroneus Longus

Tendo-calcaneus

Medial Malleolus





Lab 7

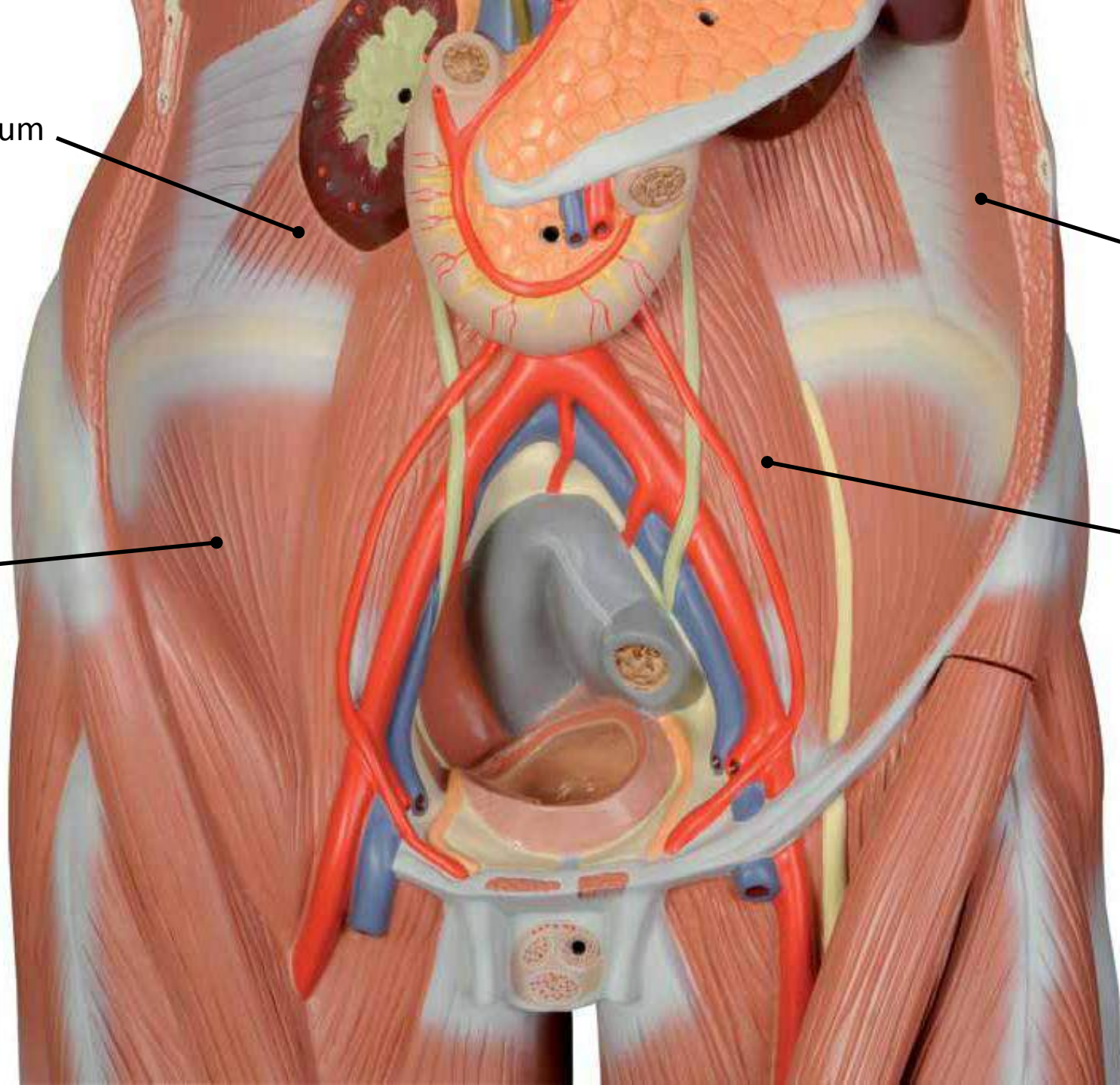
Muscles of Head, Neck & Trunk

Quadratus Lumborum

Transversus
Abdominis

Iliacus

Psoas Major

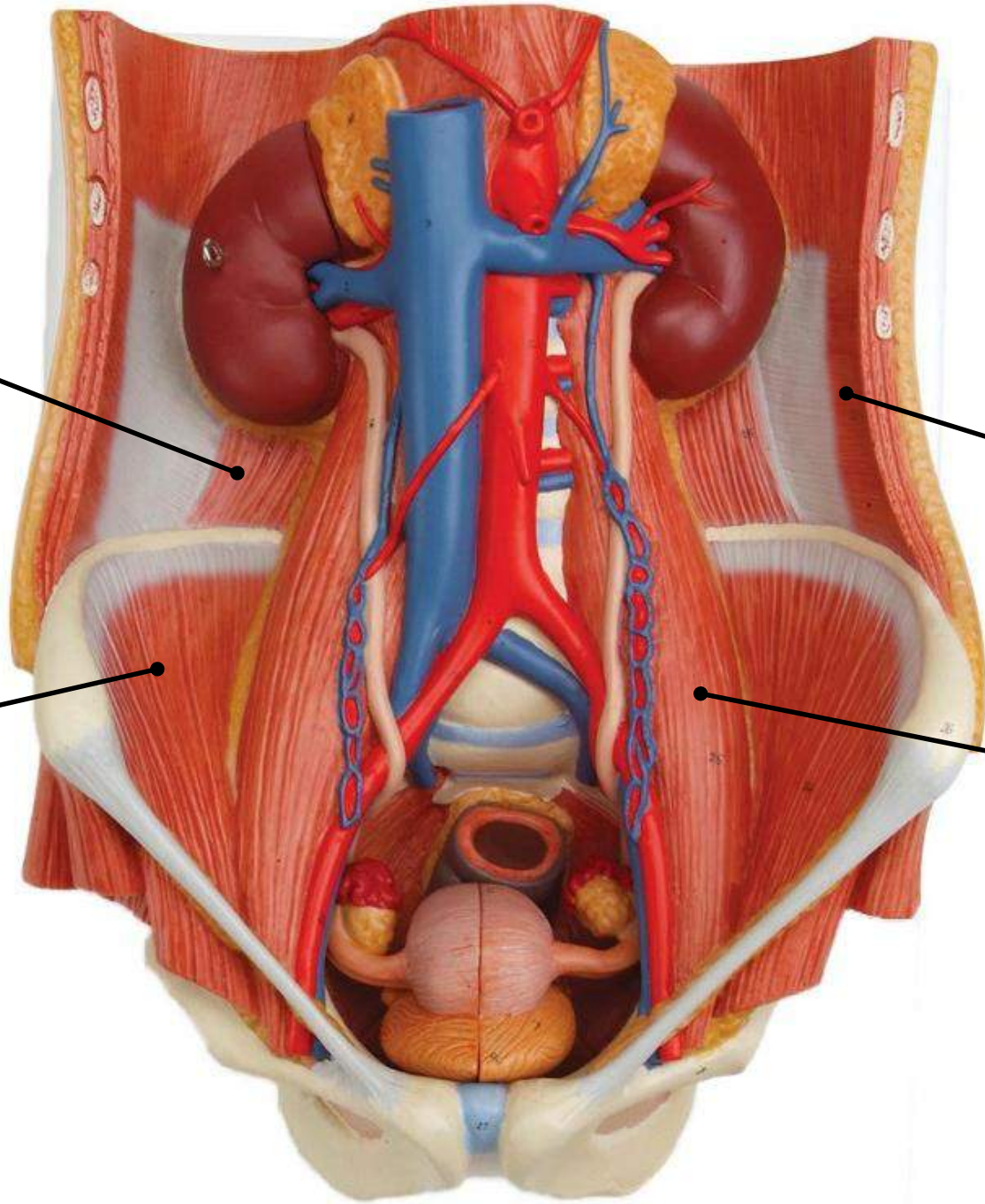


Quadratus Lumborum

Transversus
Abdominis

Iliacus

Psoas Major

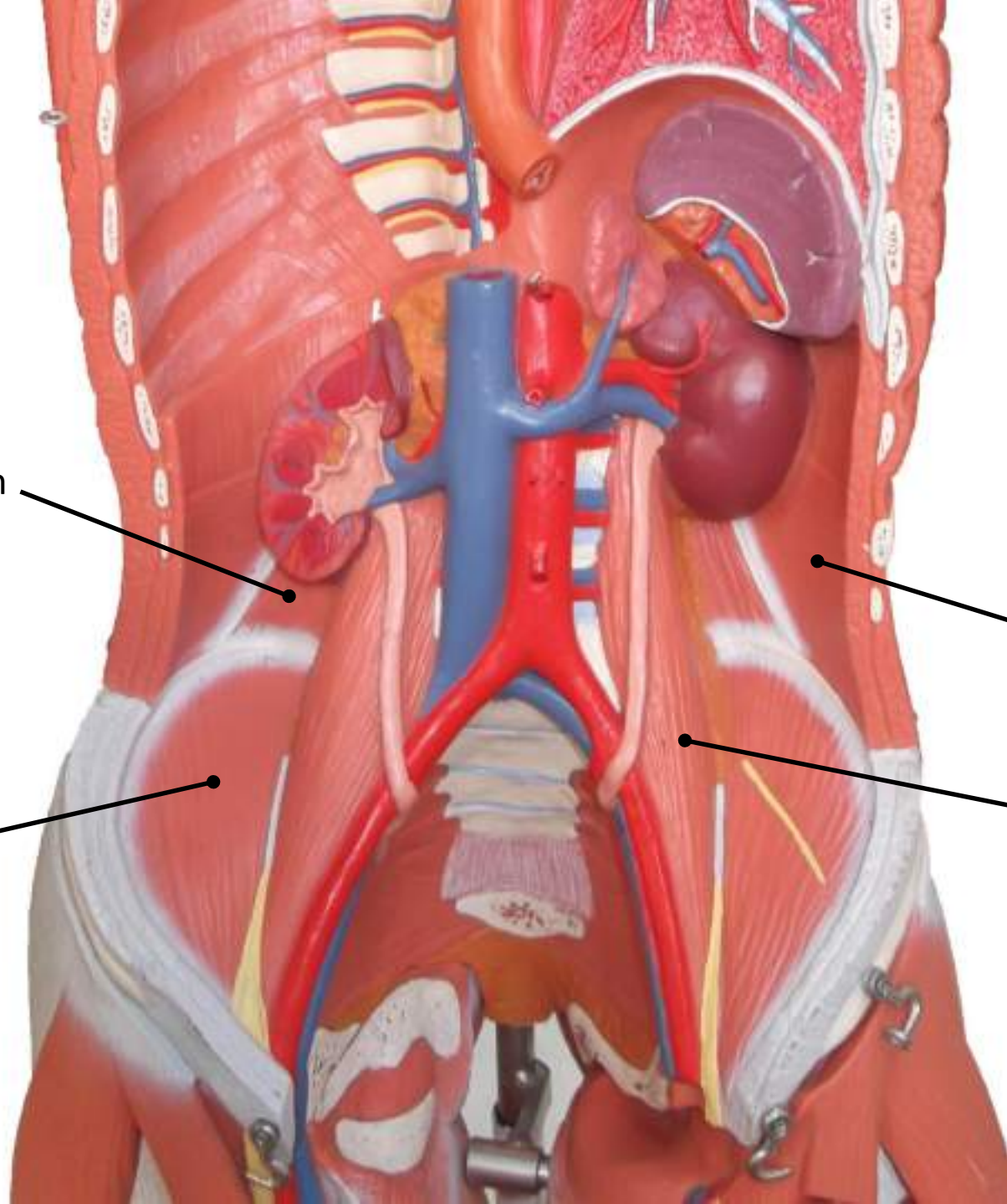


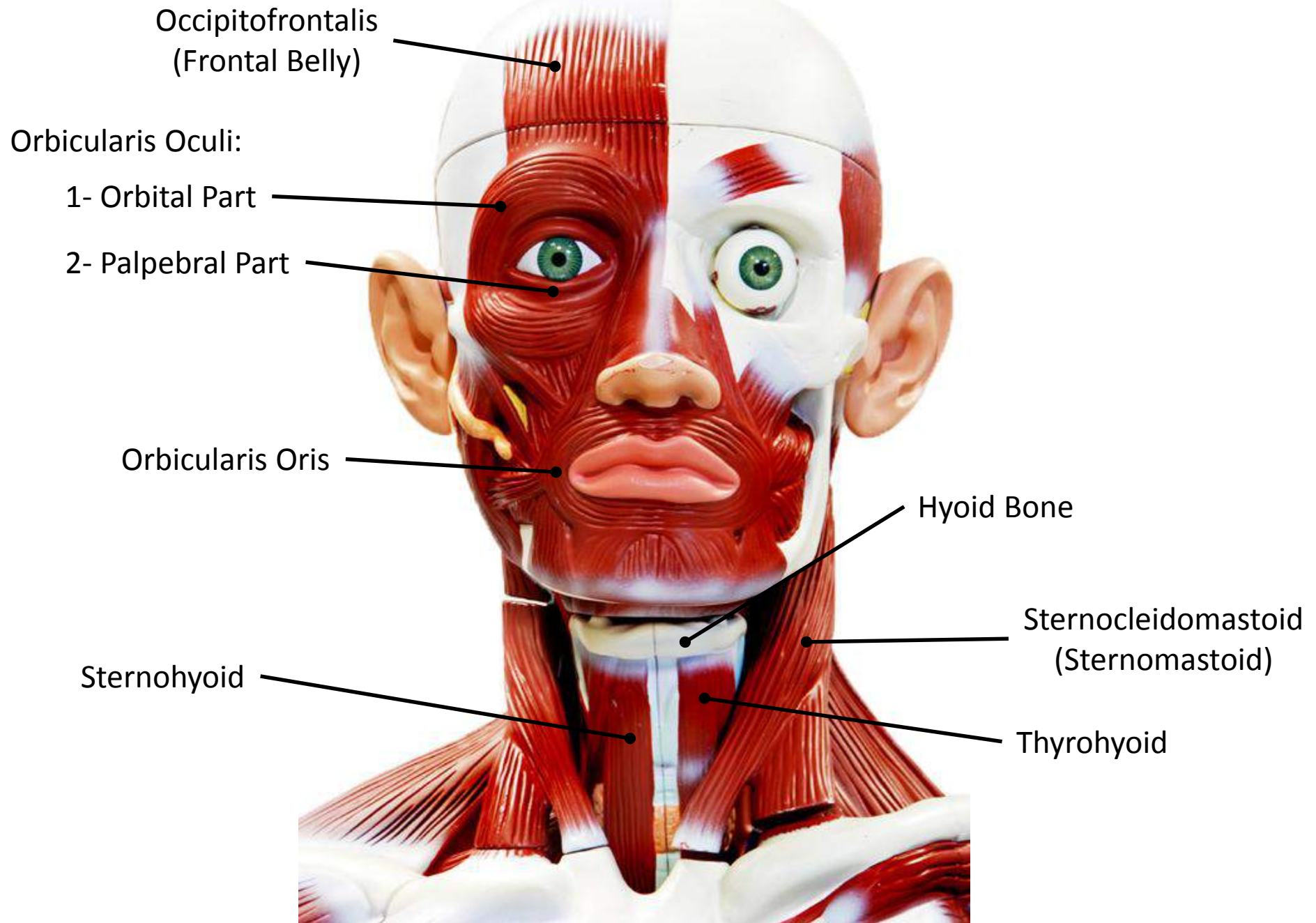
Quadratus Lumborum

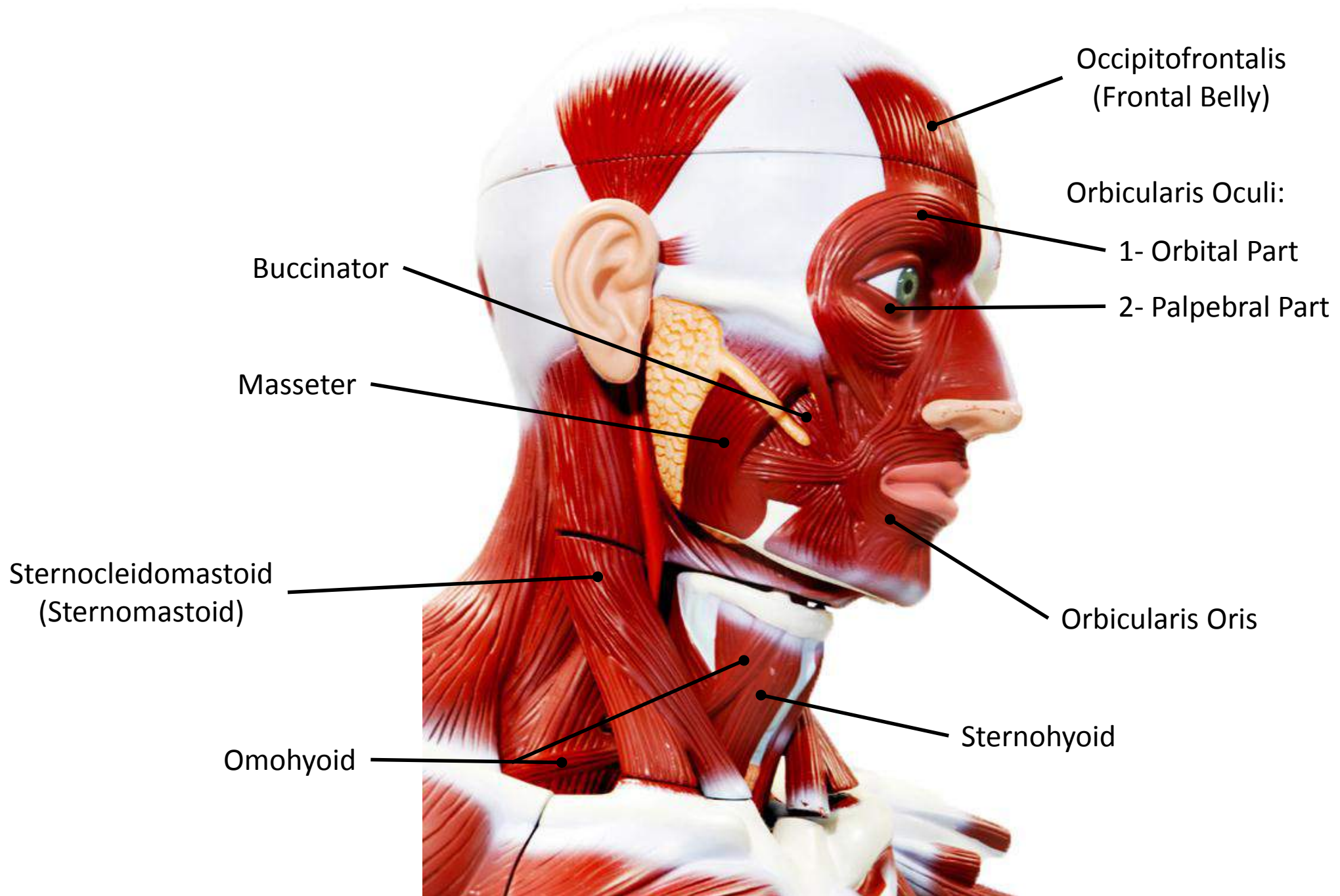
Transversus
Abdominis

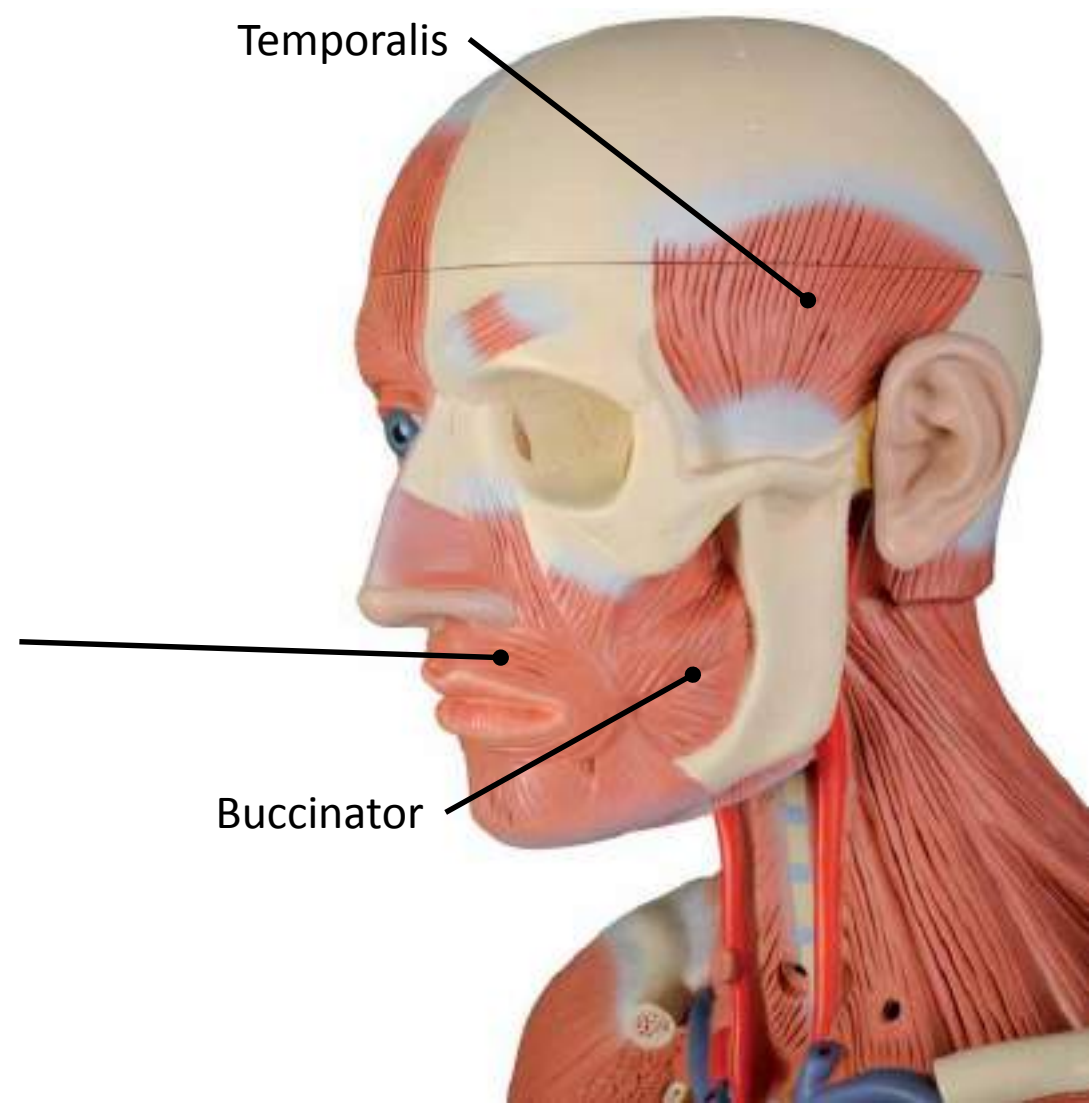
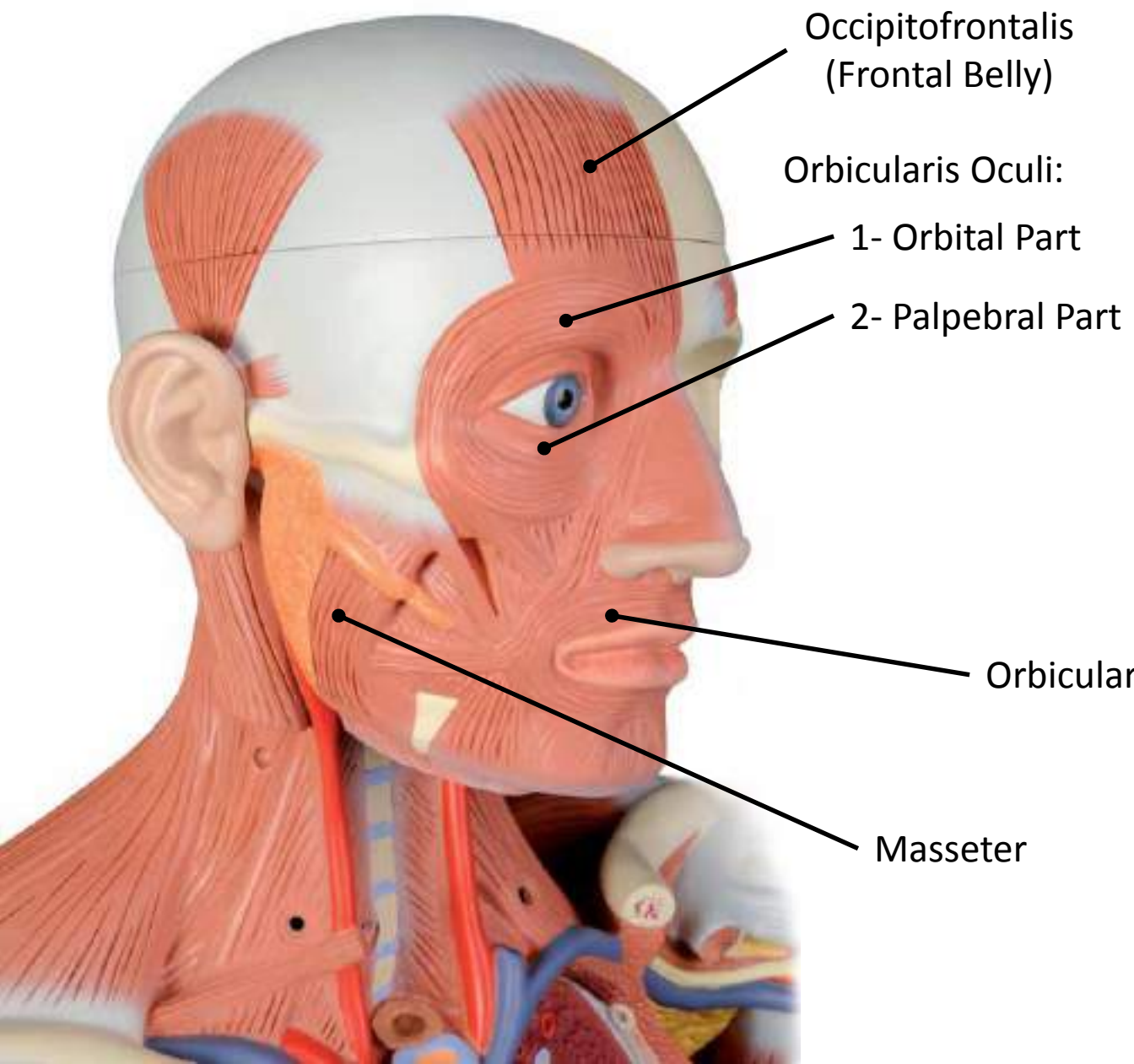
Iliacus

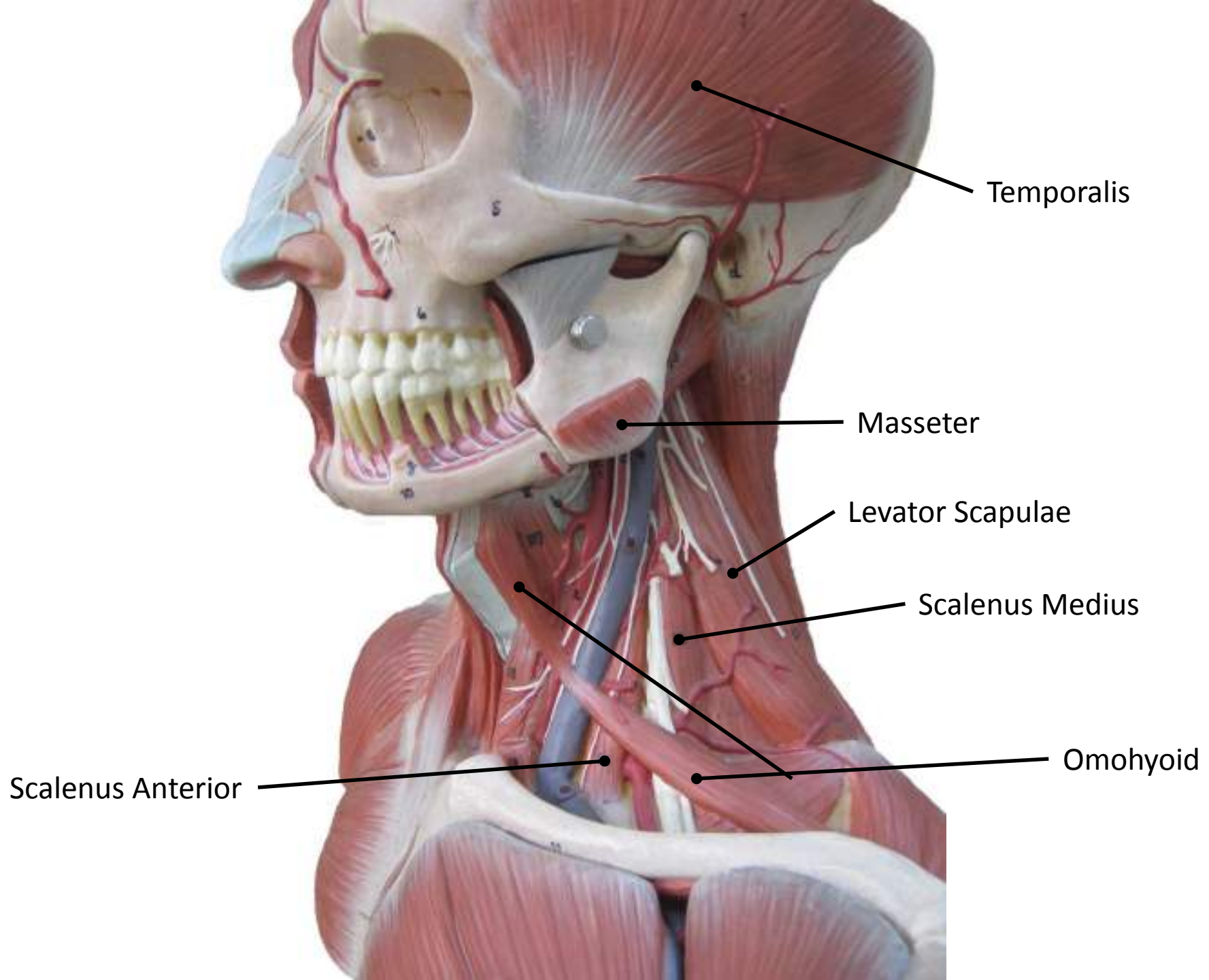
Psoas Major

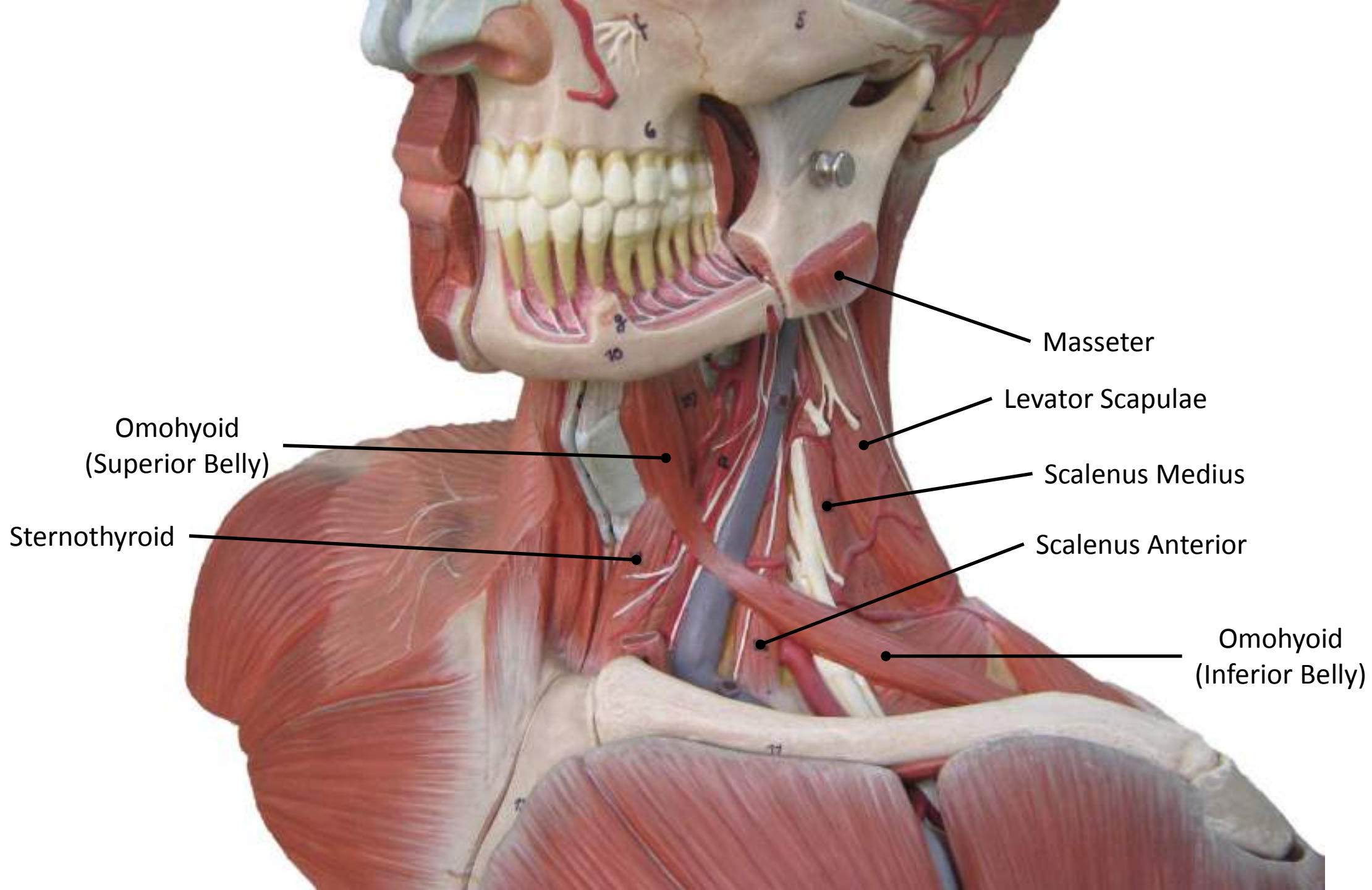












Masseter

Levator Scapulae

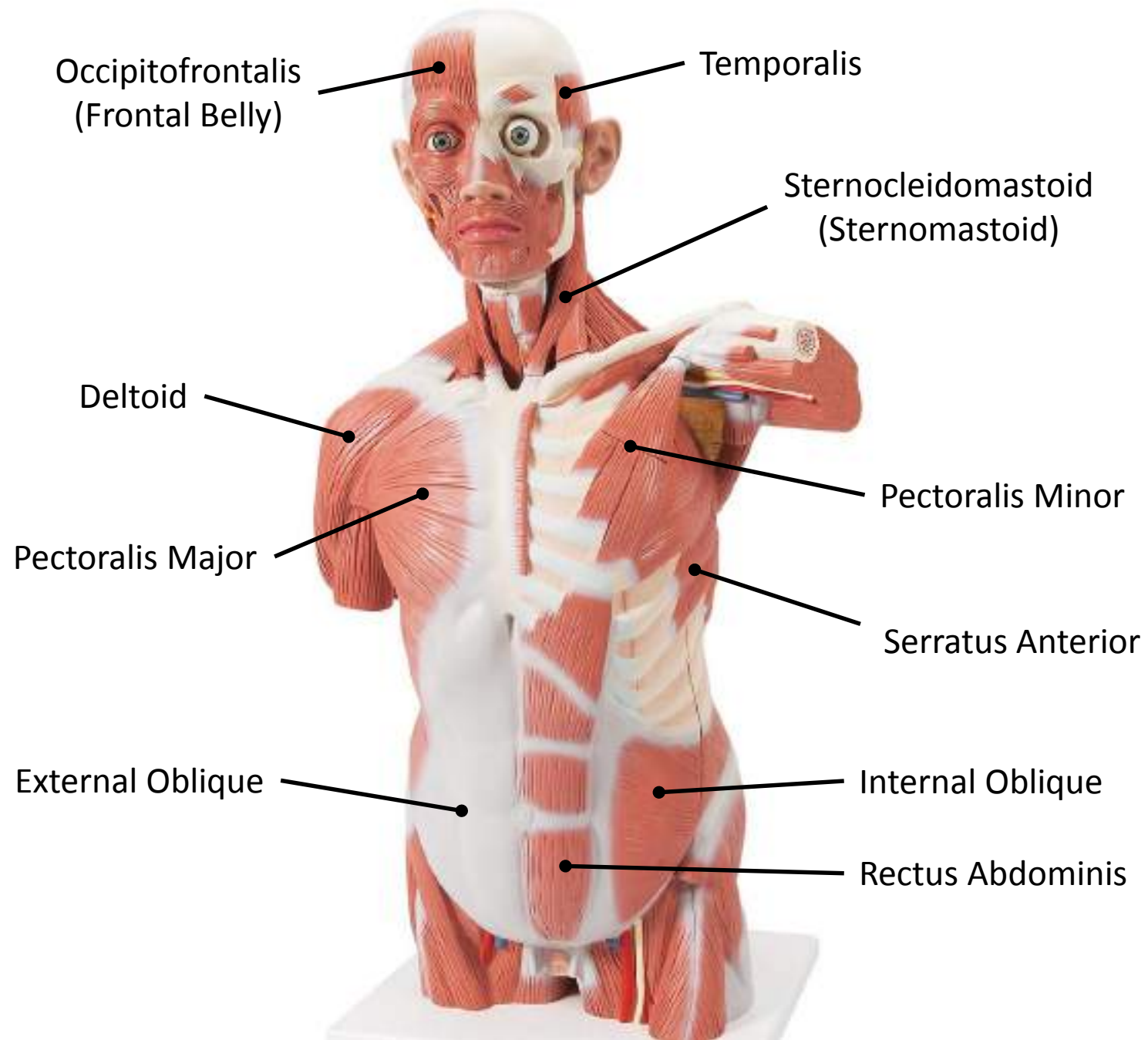
Scalenus Medius

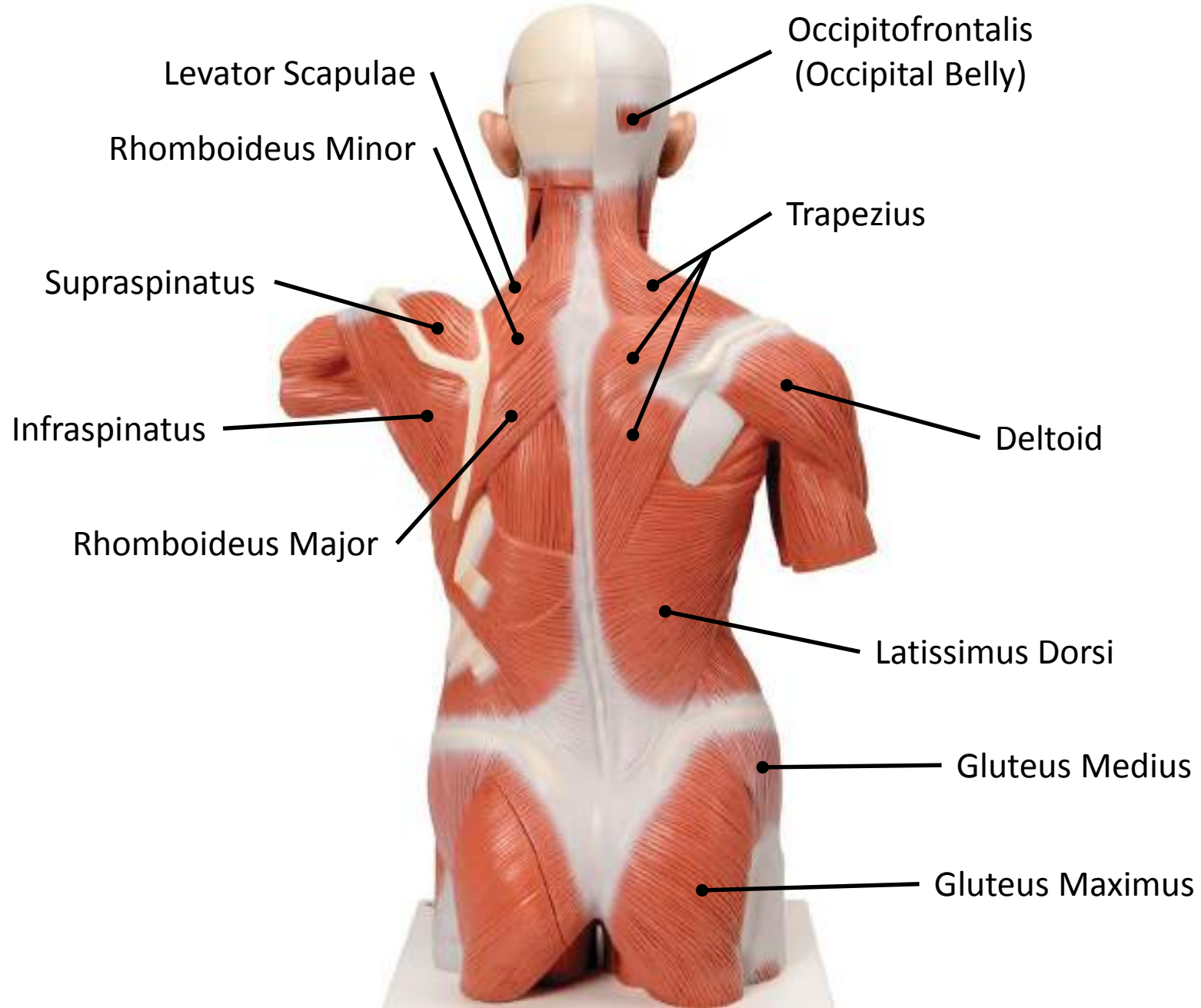
Scalenus Anterior

Omohyoid
(Inferior Belly)

Omohyoid
(Superior Belly)

Sternothyroid





Levator Scapulae

Rhomboideus Minor

Supraspinatus

Infraspinatus

Rhomboideus Major

Occipitofrontalis
(Occipital Belly)

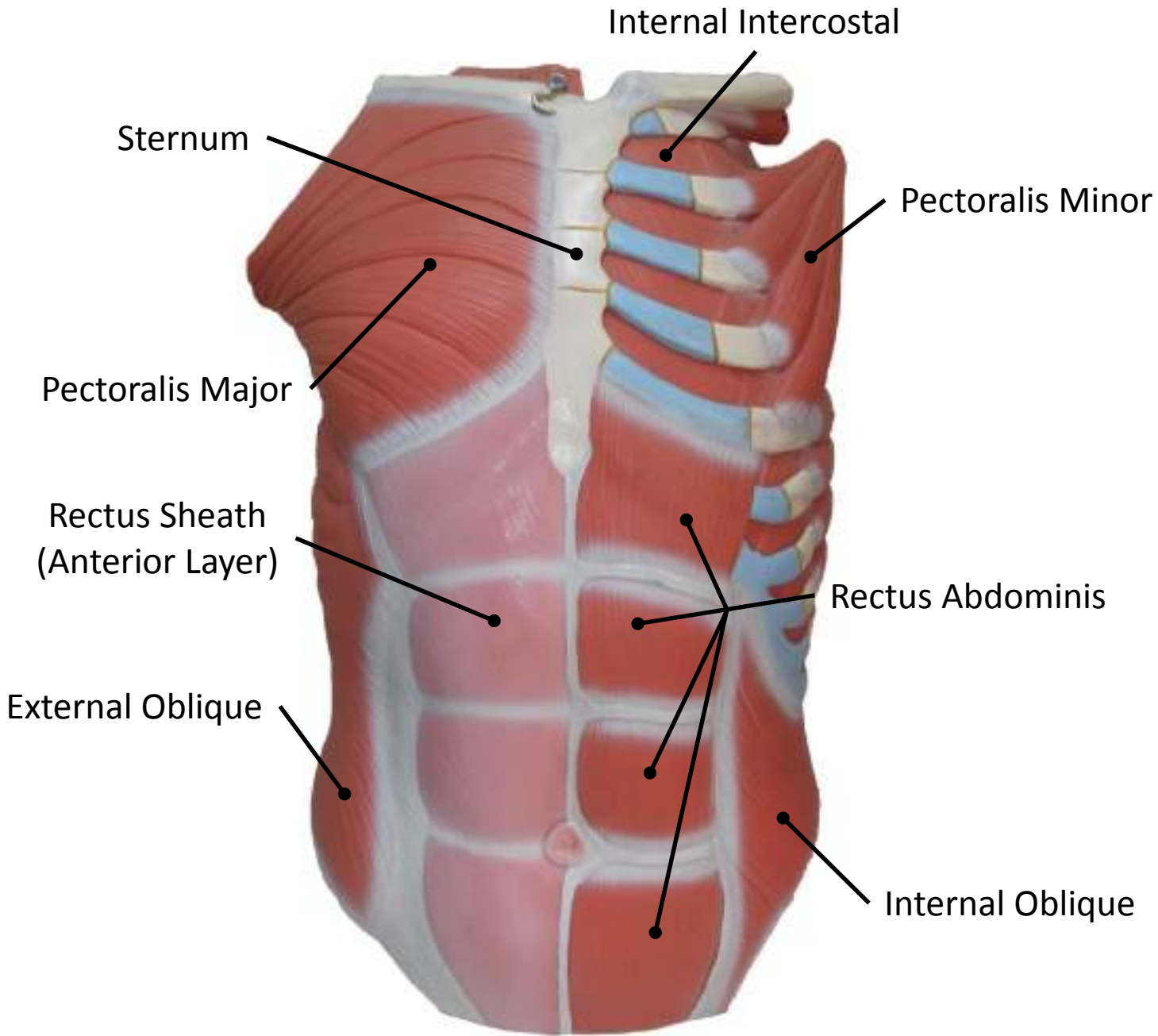
Trapezius

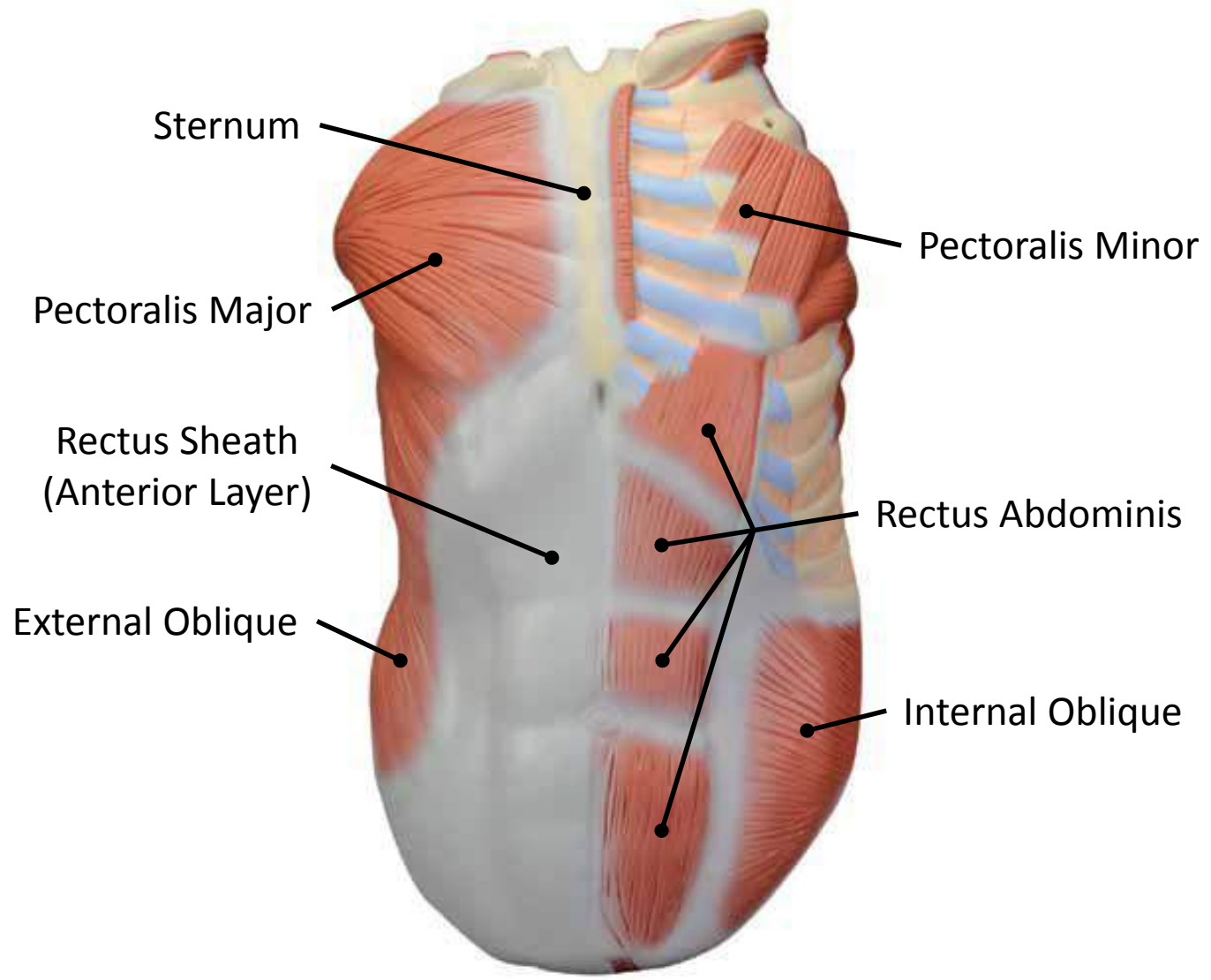
Deltoid

Latissimus Dorsi

Gluteus Medius

Gluteus Maximus





Sternum

Pectoralis Minor

Pectoralis Major

Rectus Sheath
(Anterior Layer)

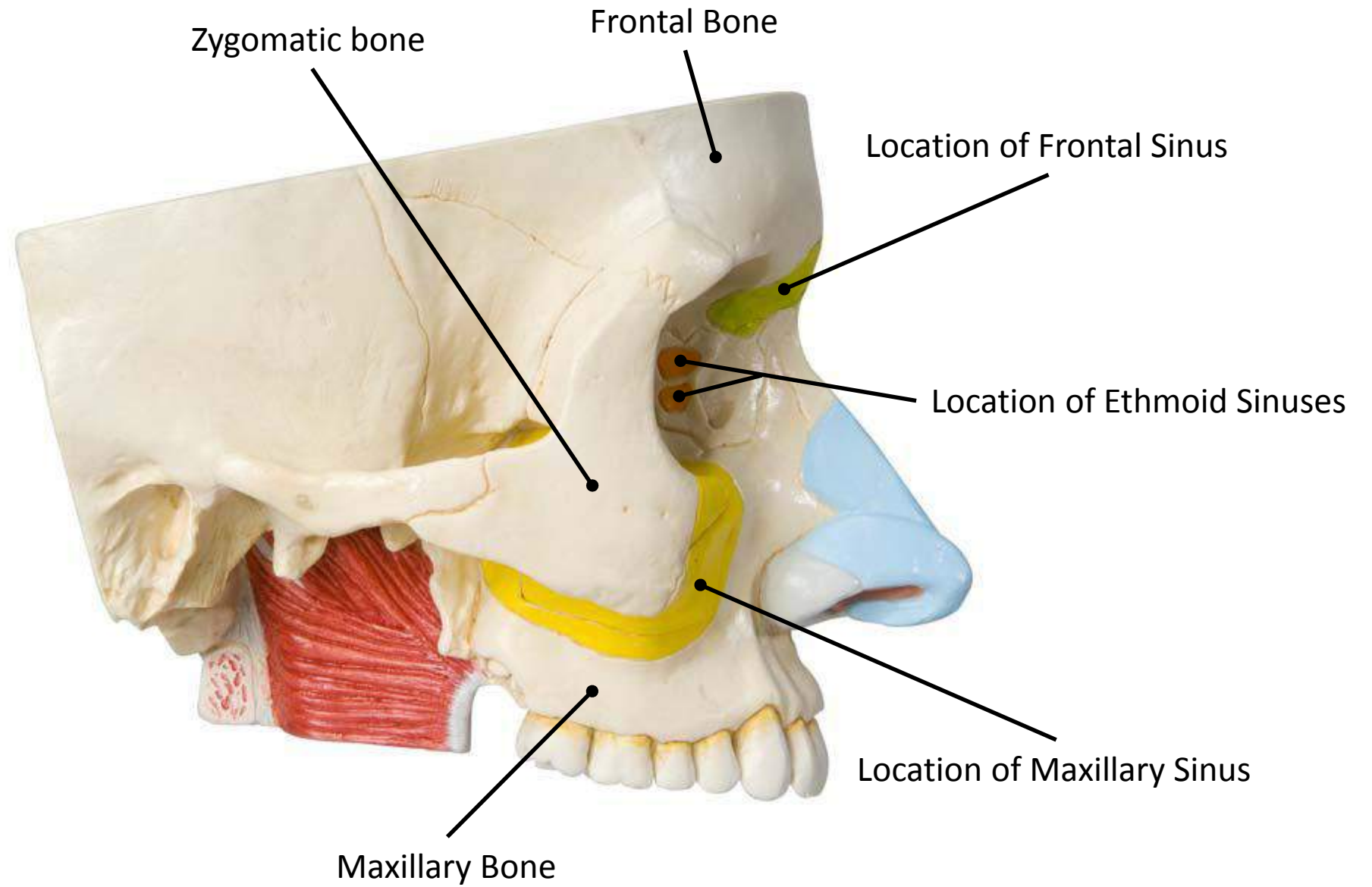
Rectus Abdominis

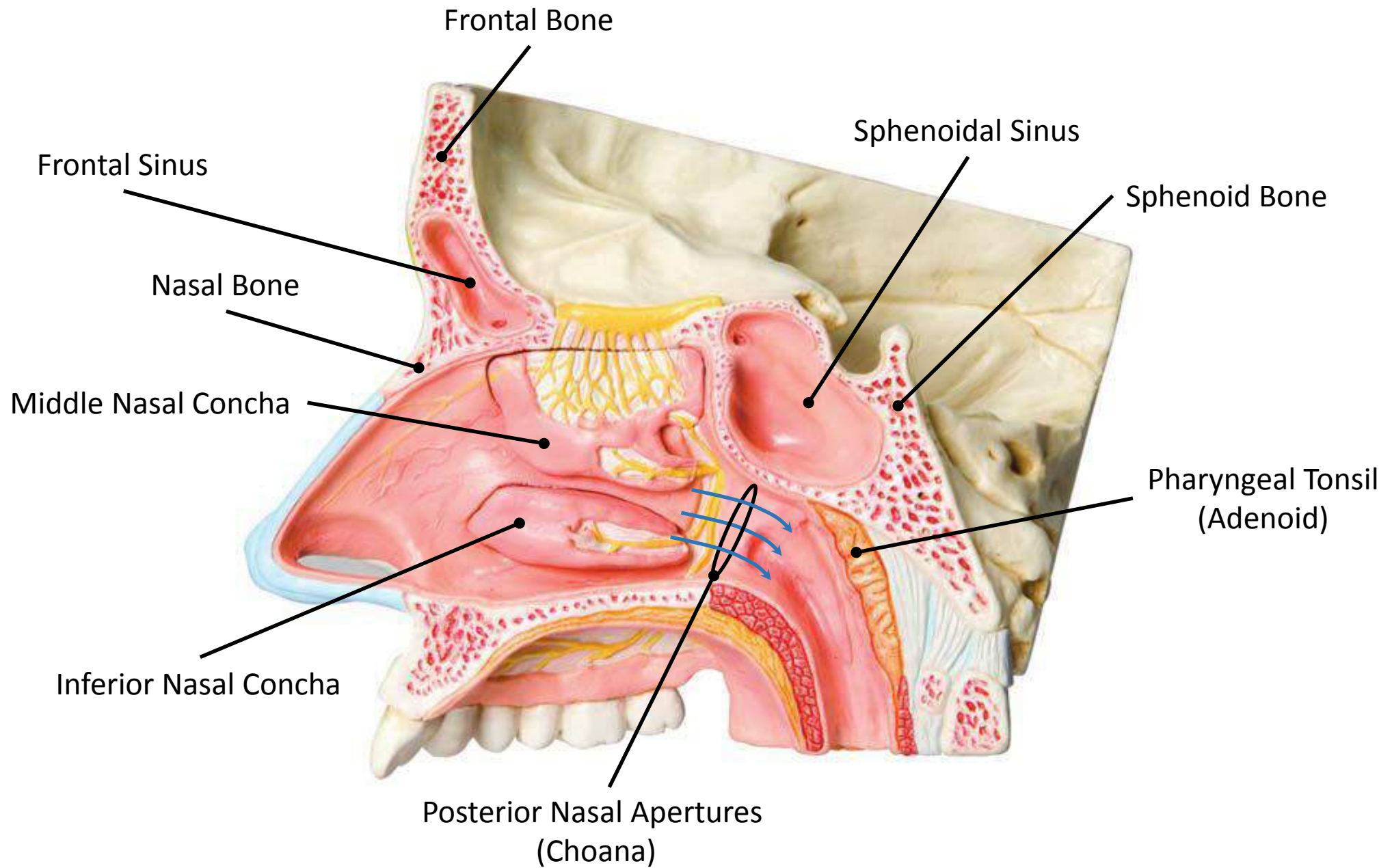
External Oblique

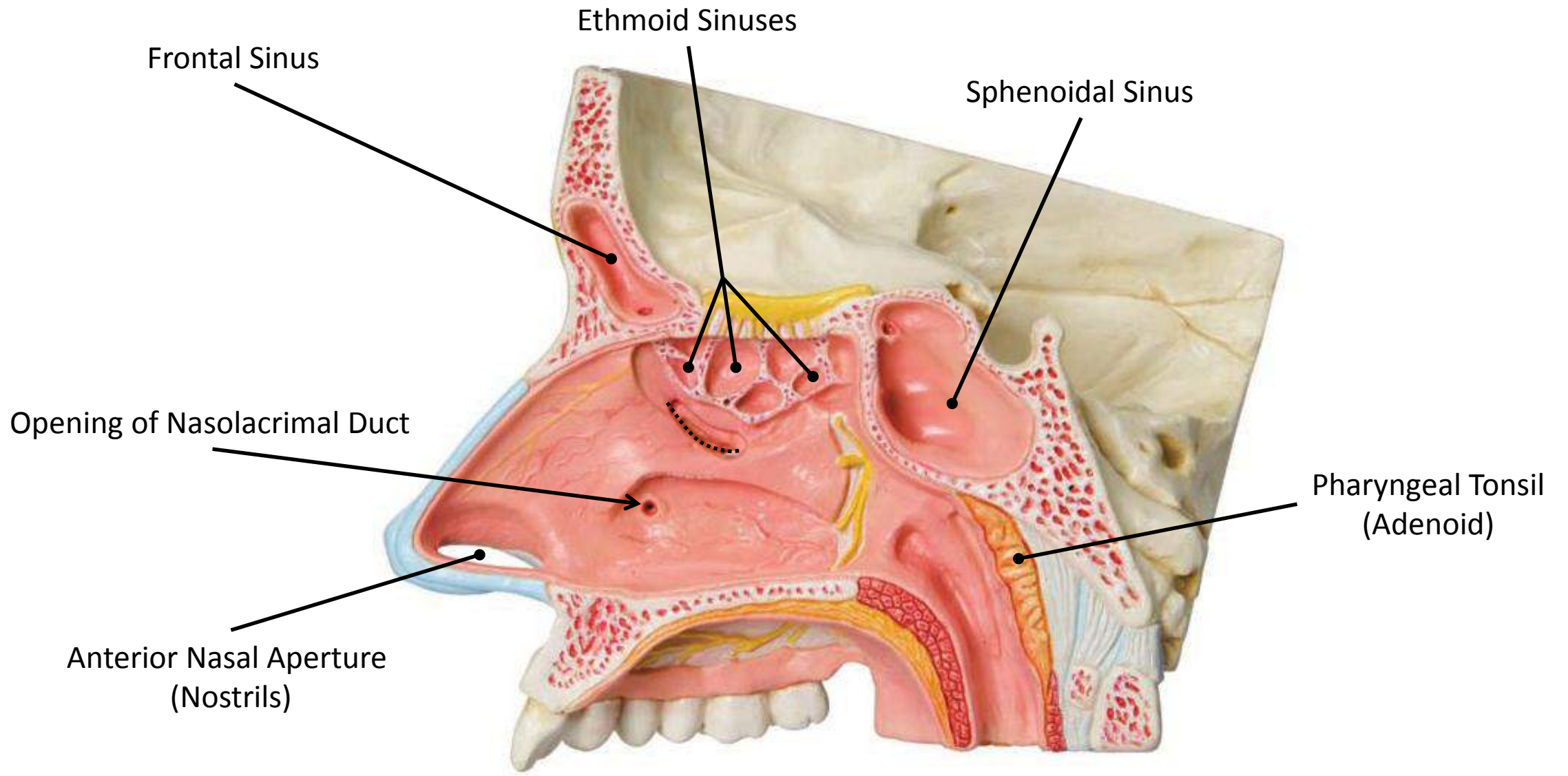
Internal Oblique

Lab 8

Respiratory System







Sphenoid Bone
(Greater Wing)

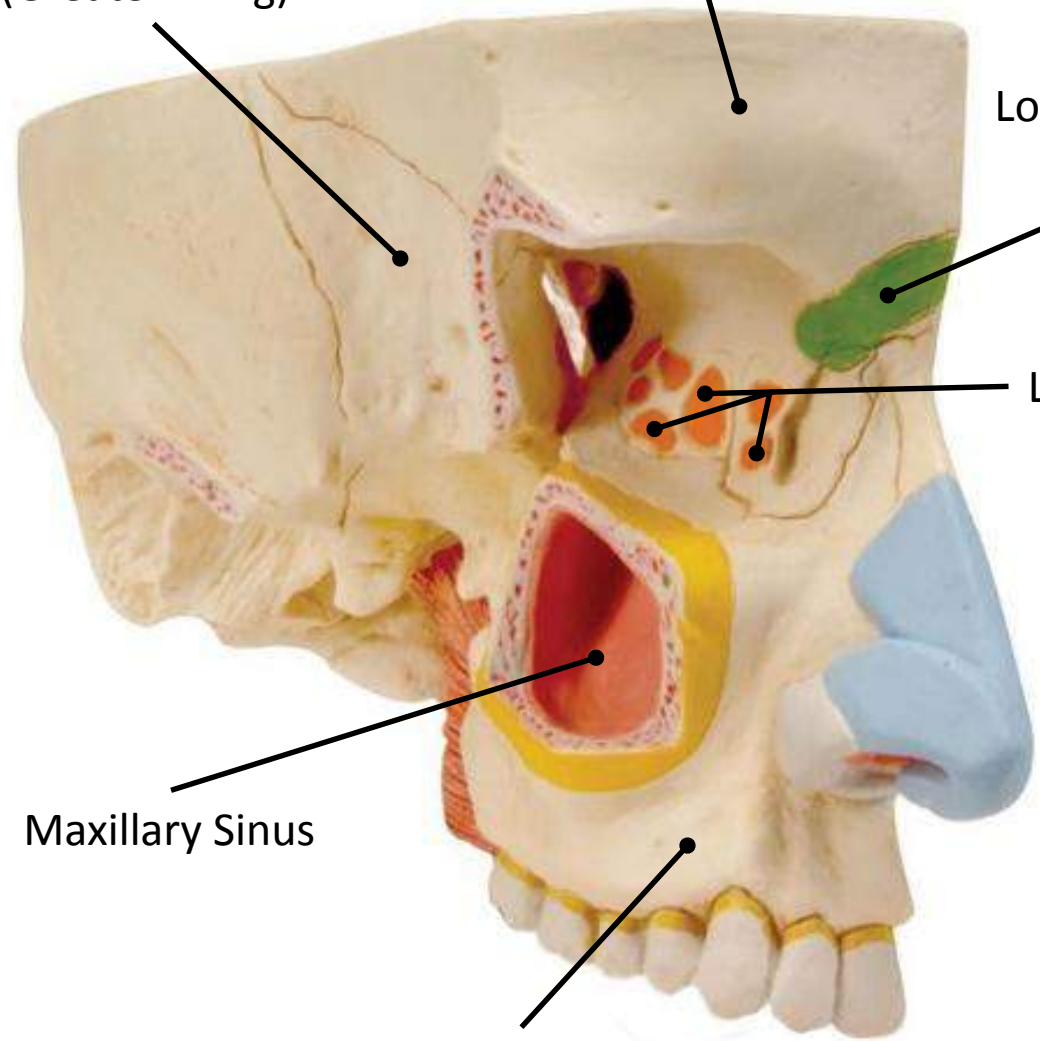
Frontal Bone

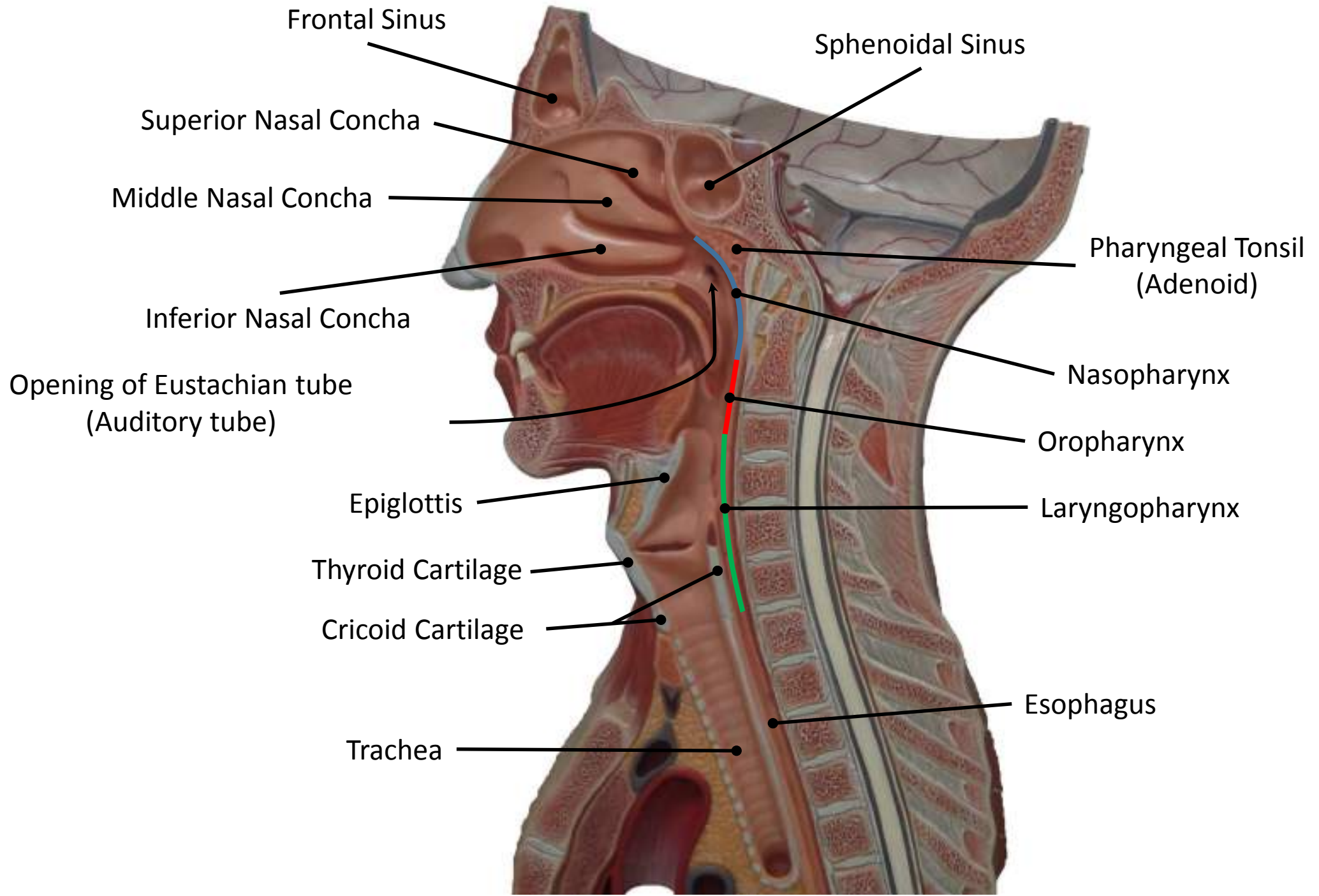
Location of Frontal Sinus

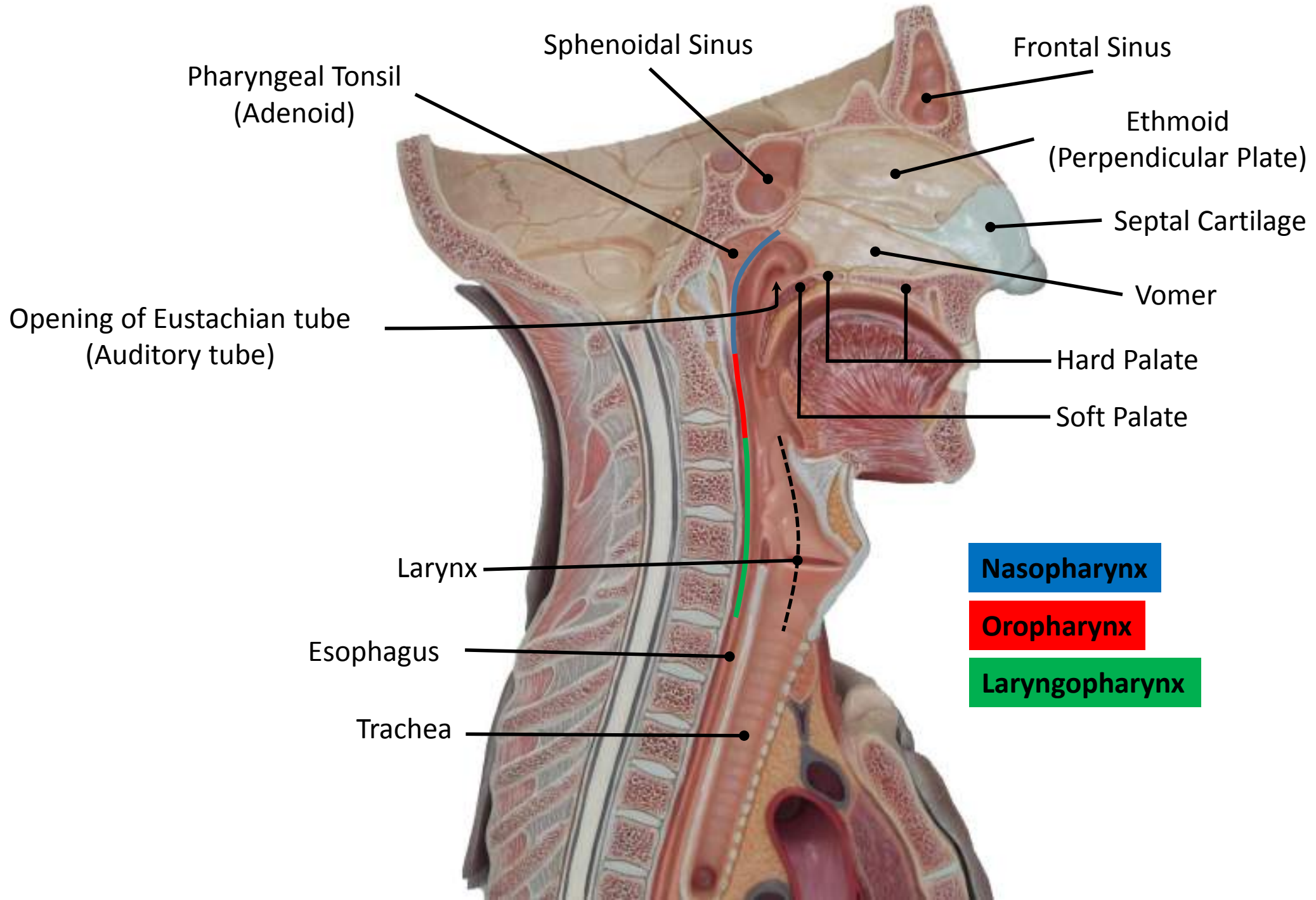
Location of Ethmoid Sinuses

Maxillary Sinus

Maxillary Bone







Pharyngeal Tonsil
(Adenoid)

Sphenoidal Sinus

Frontal Sinus

Ethmoid
(Perpendicular Plate)

Septal Cartilage

Vomer

Hard Palate

Soft Palate

Opening of Eustachian tube
(Auditory tube)

Larynx

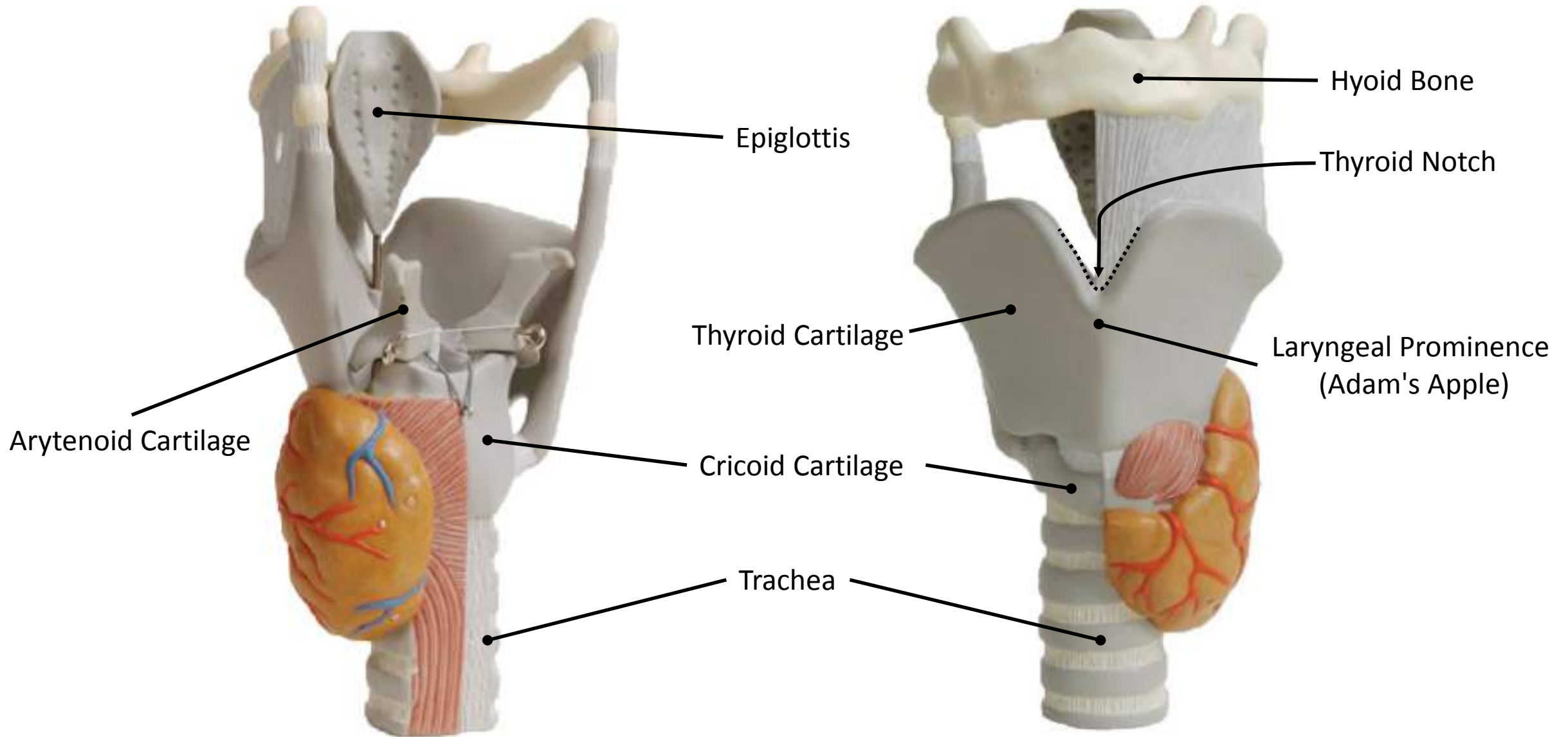
Esophagus

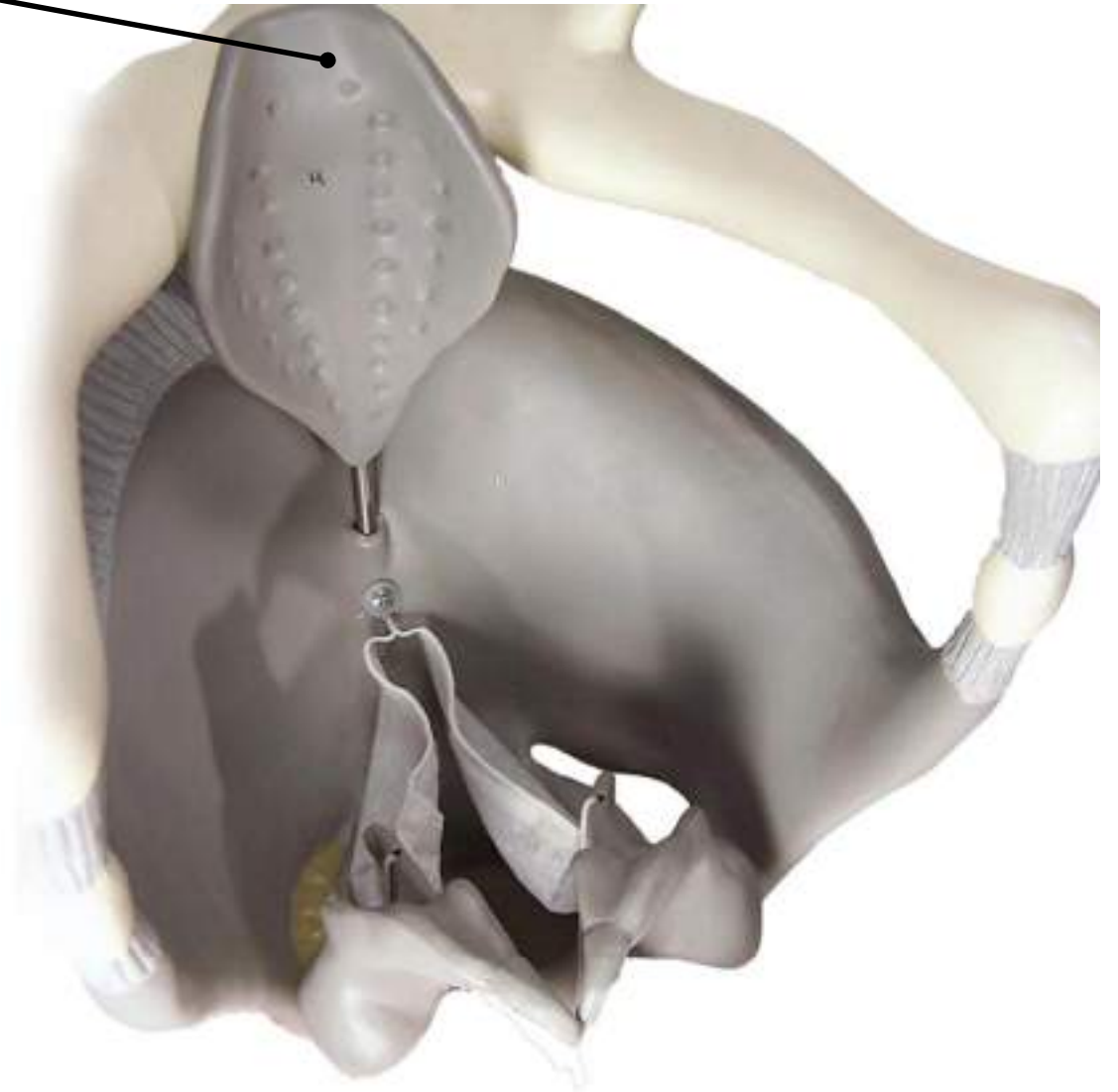
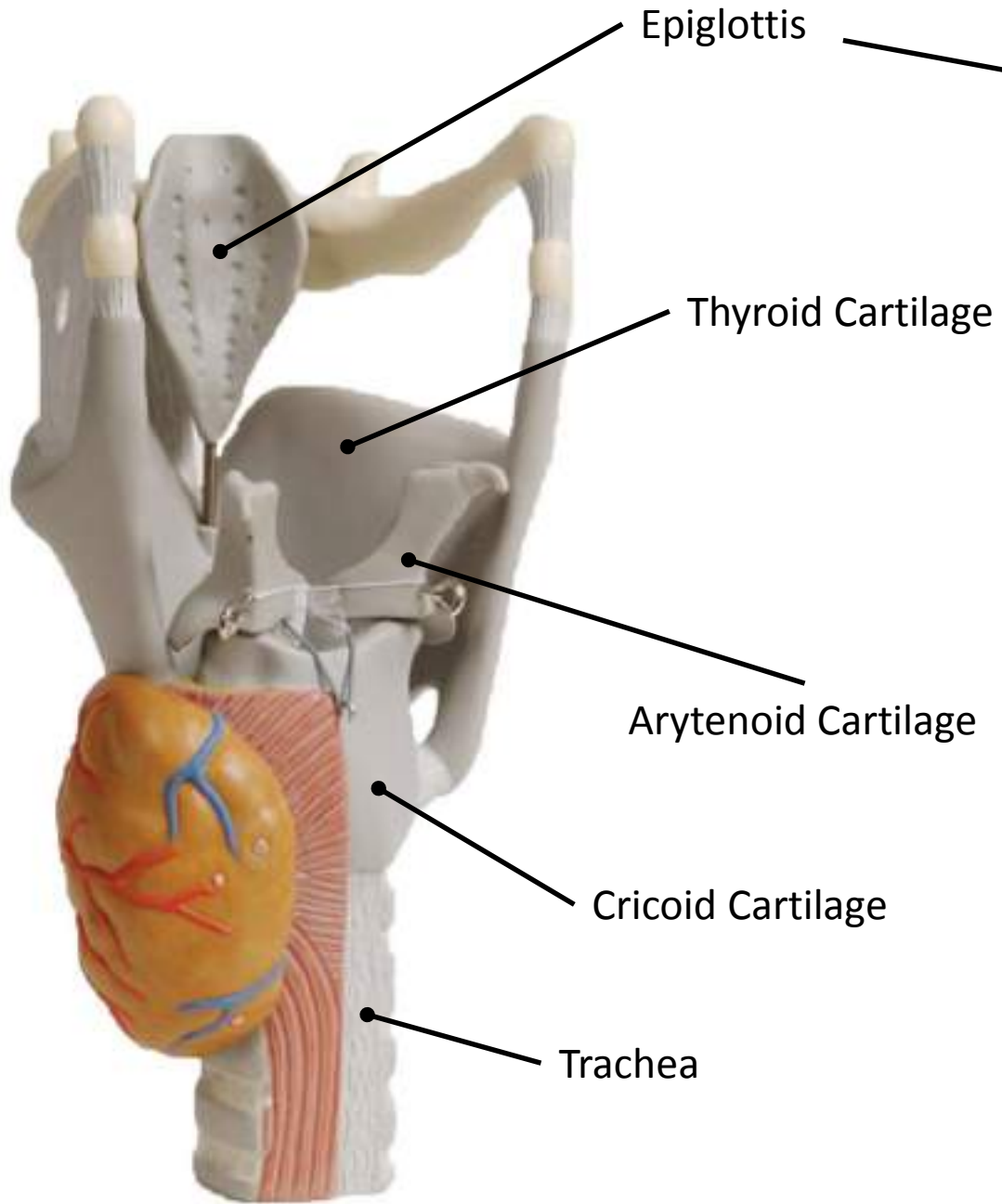
Trachea

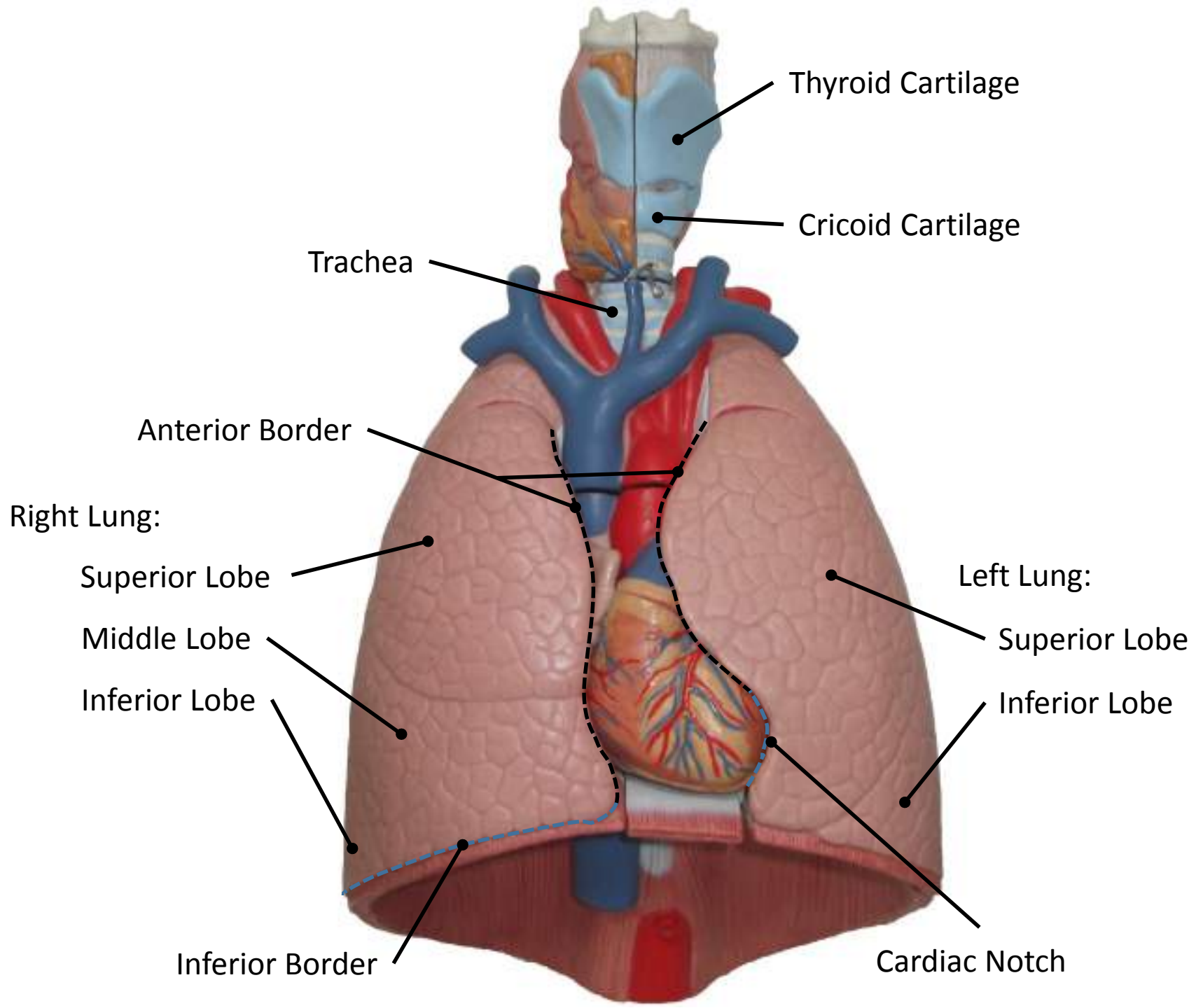
Nasopharynx

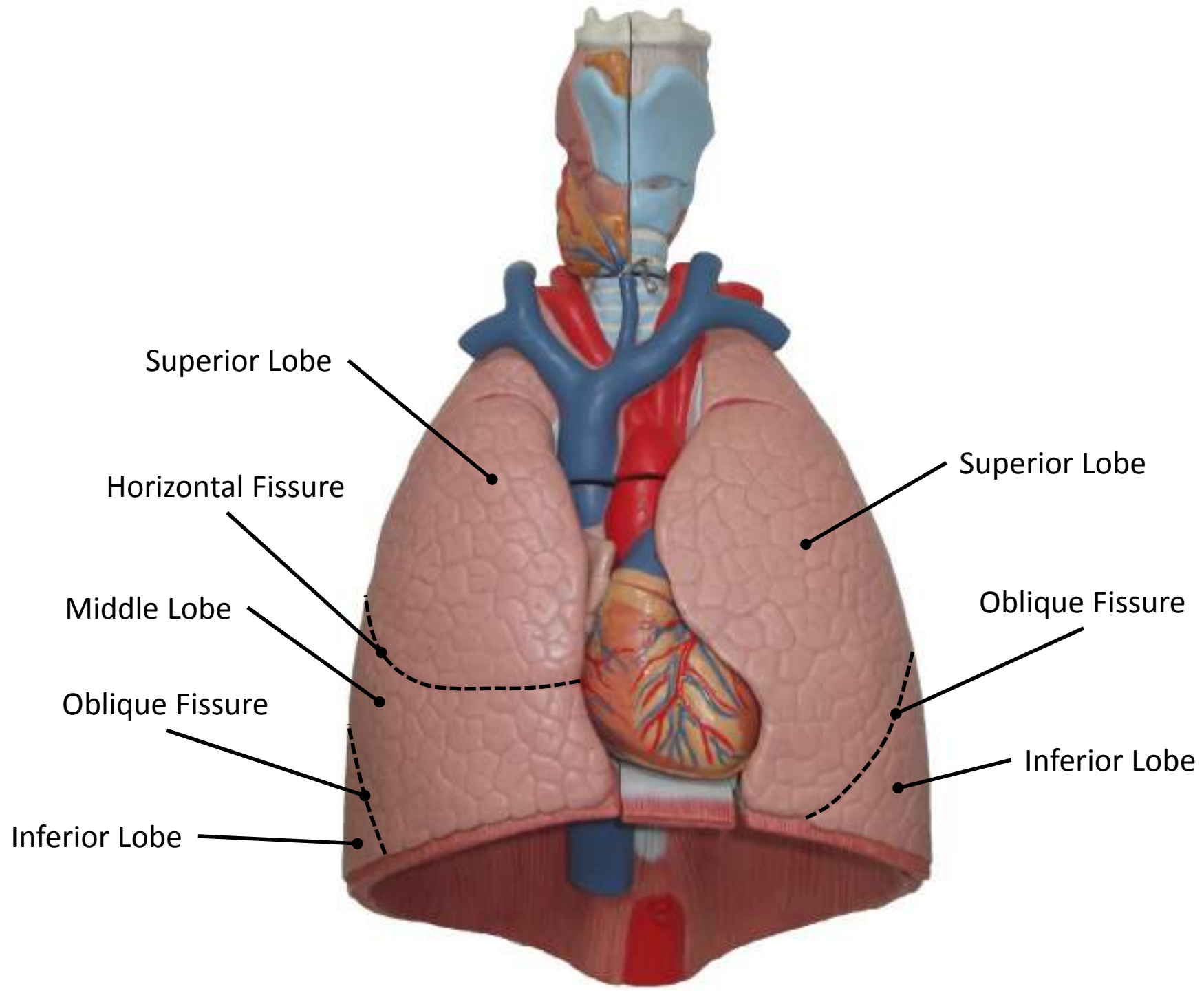
Oropharynx

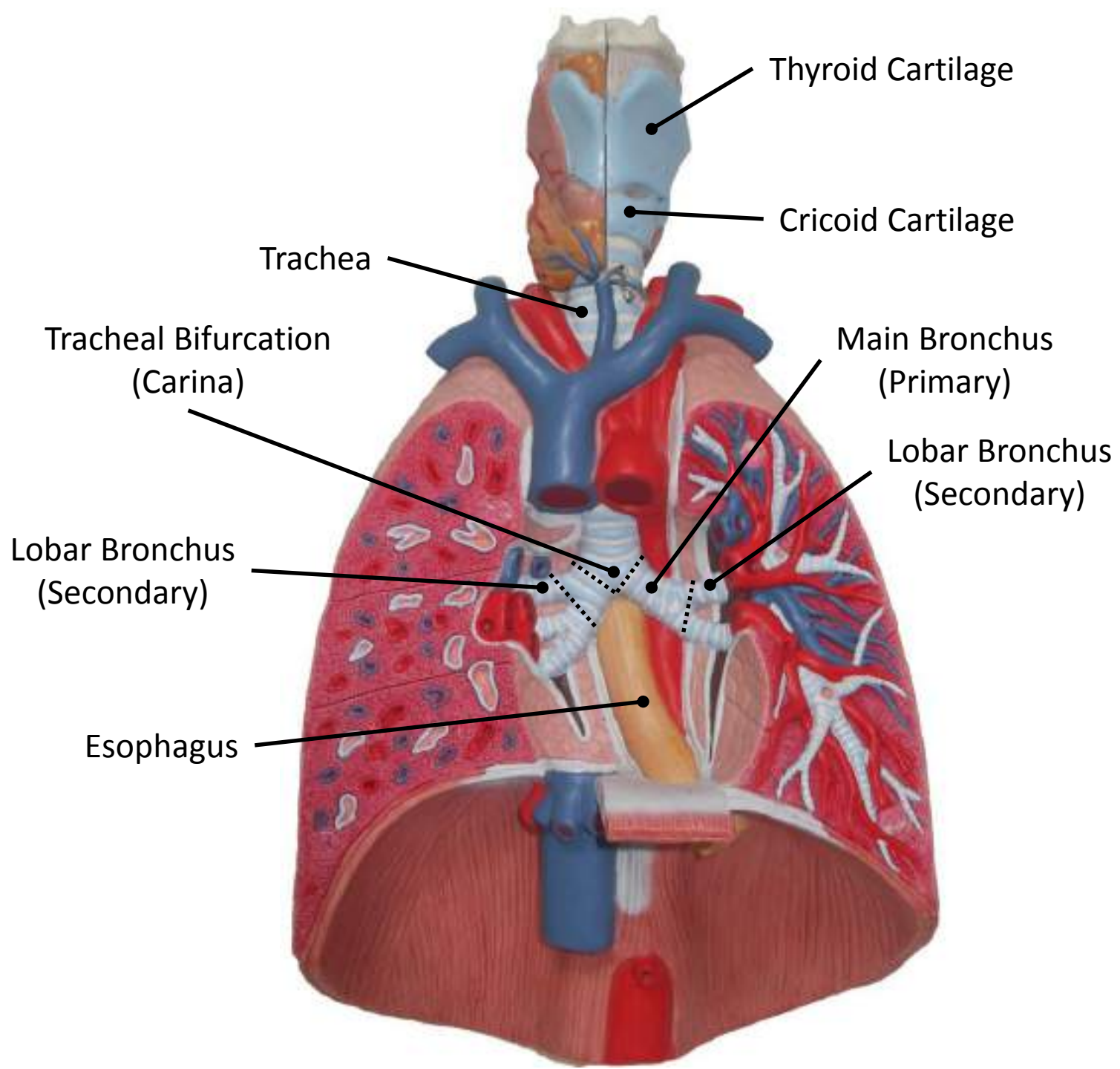
Laryngopharynx

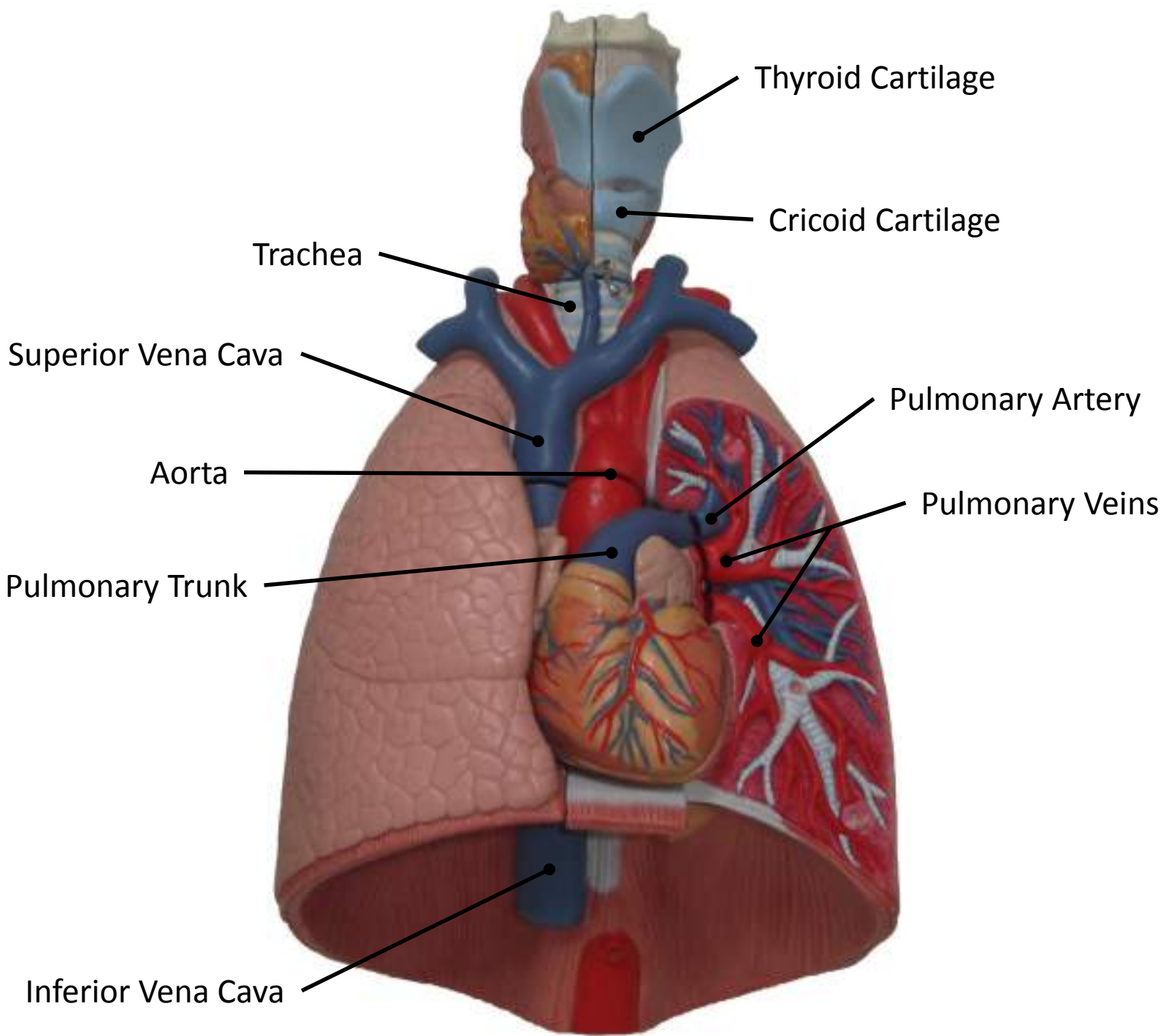


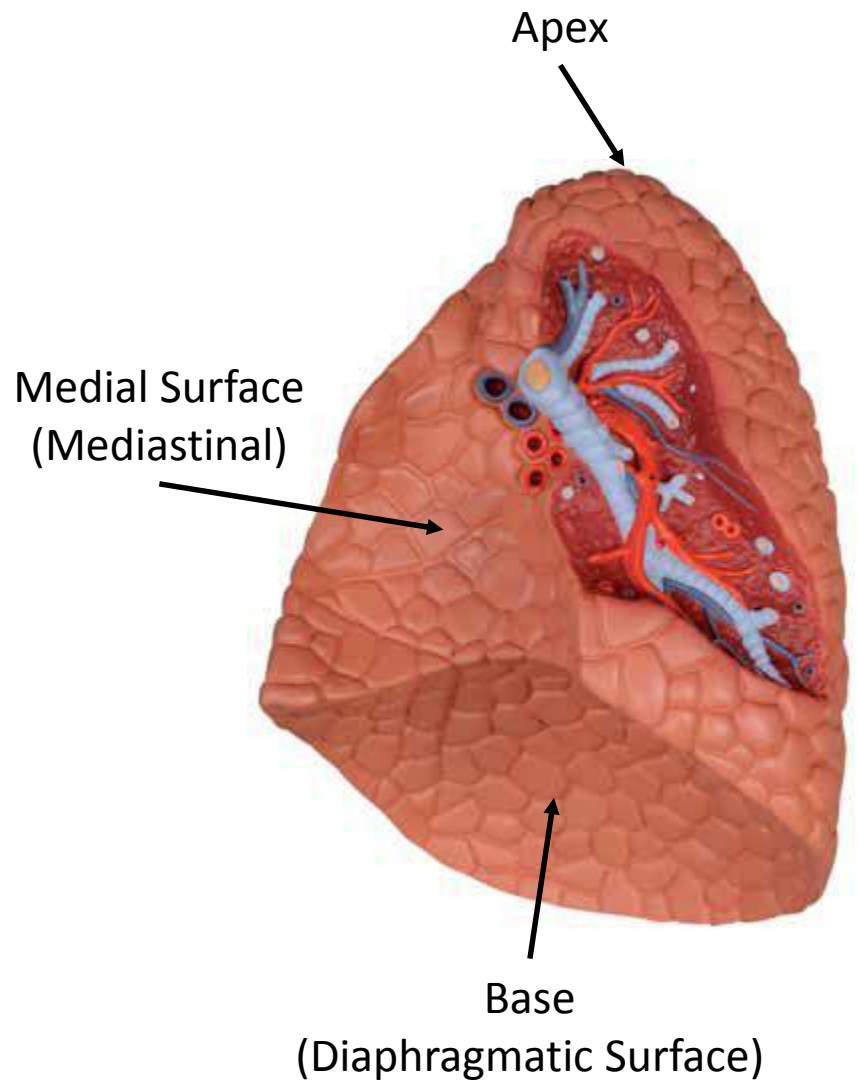






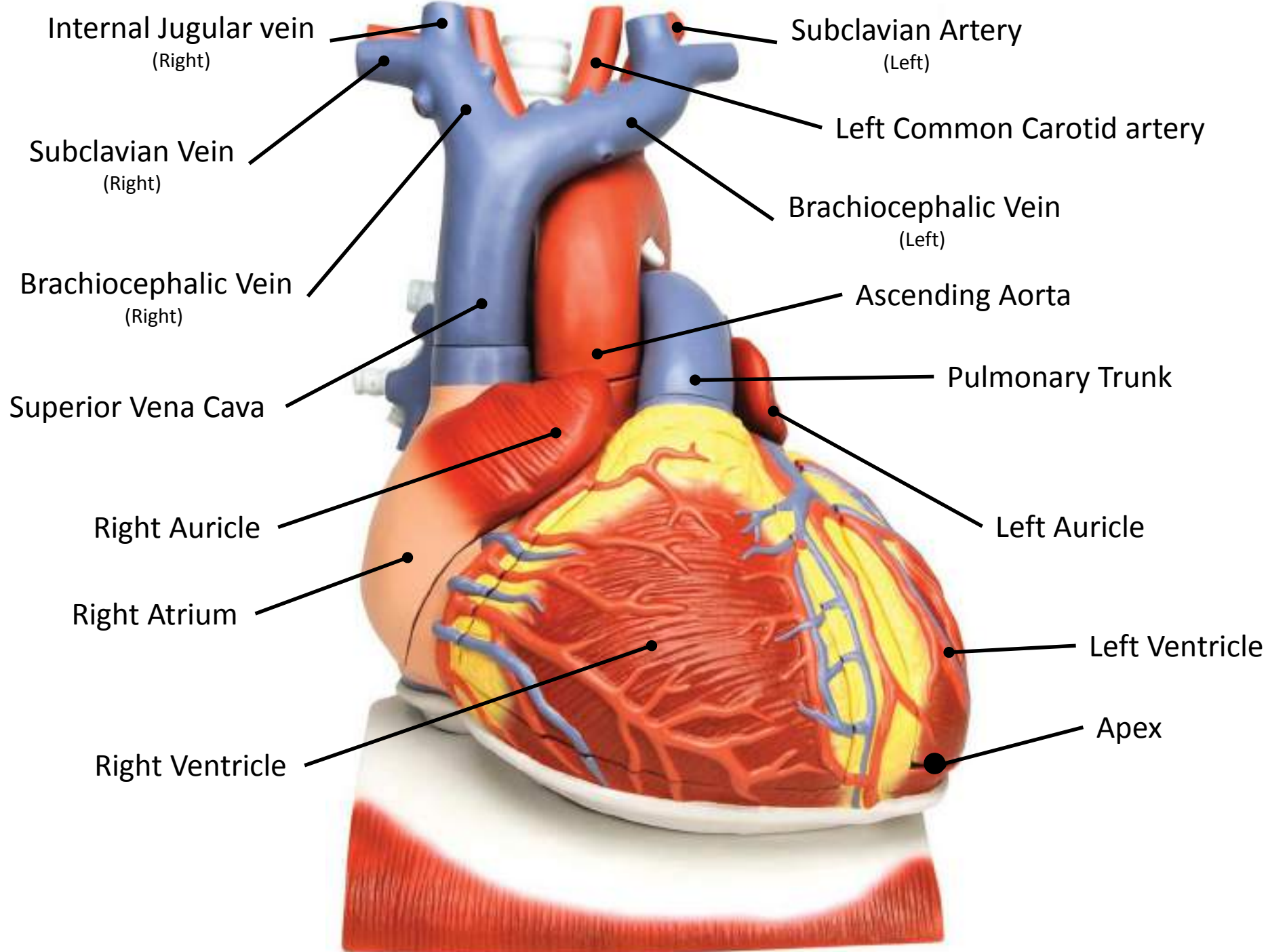


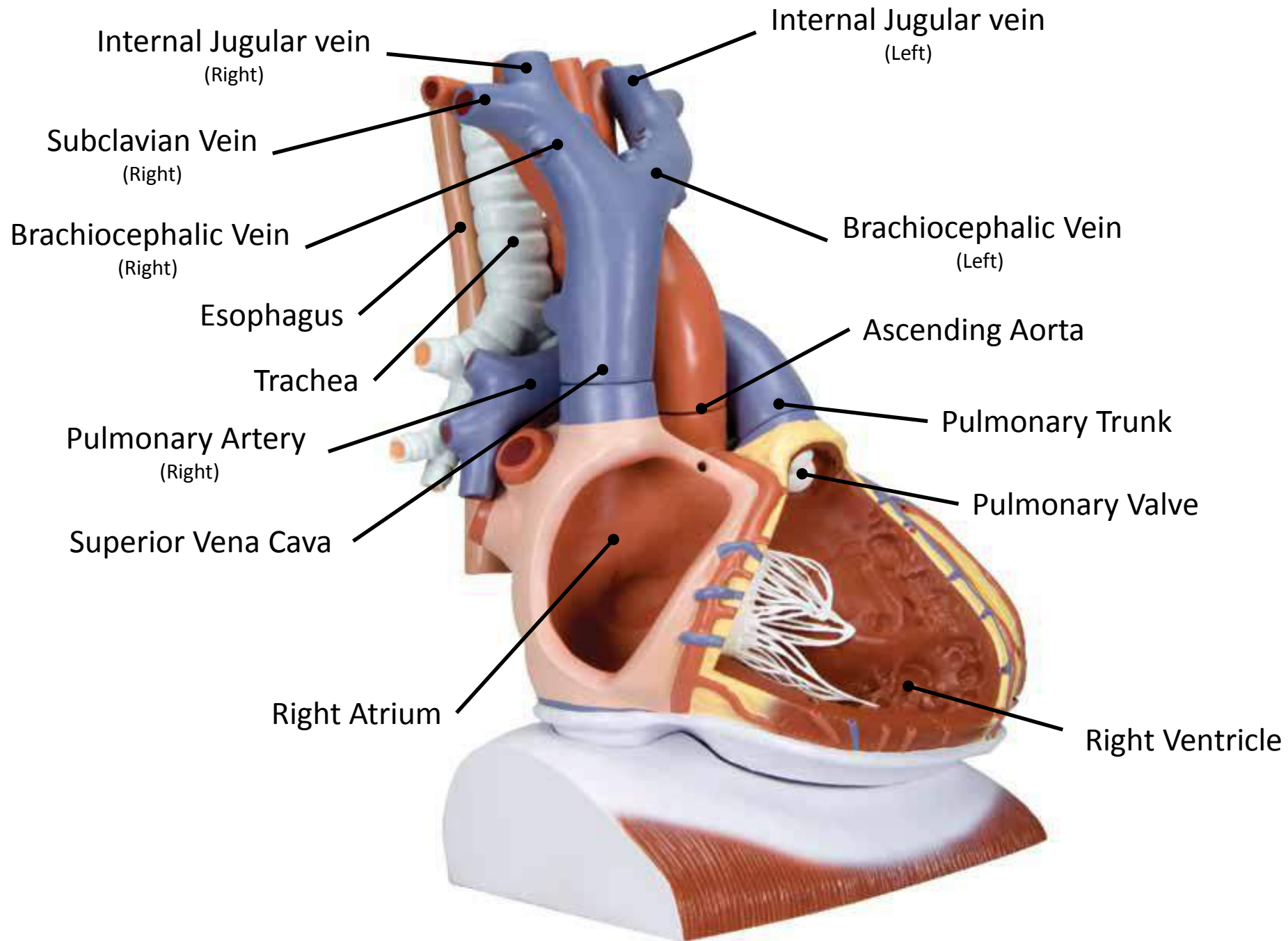


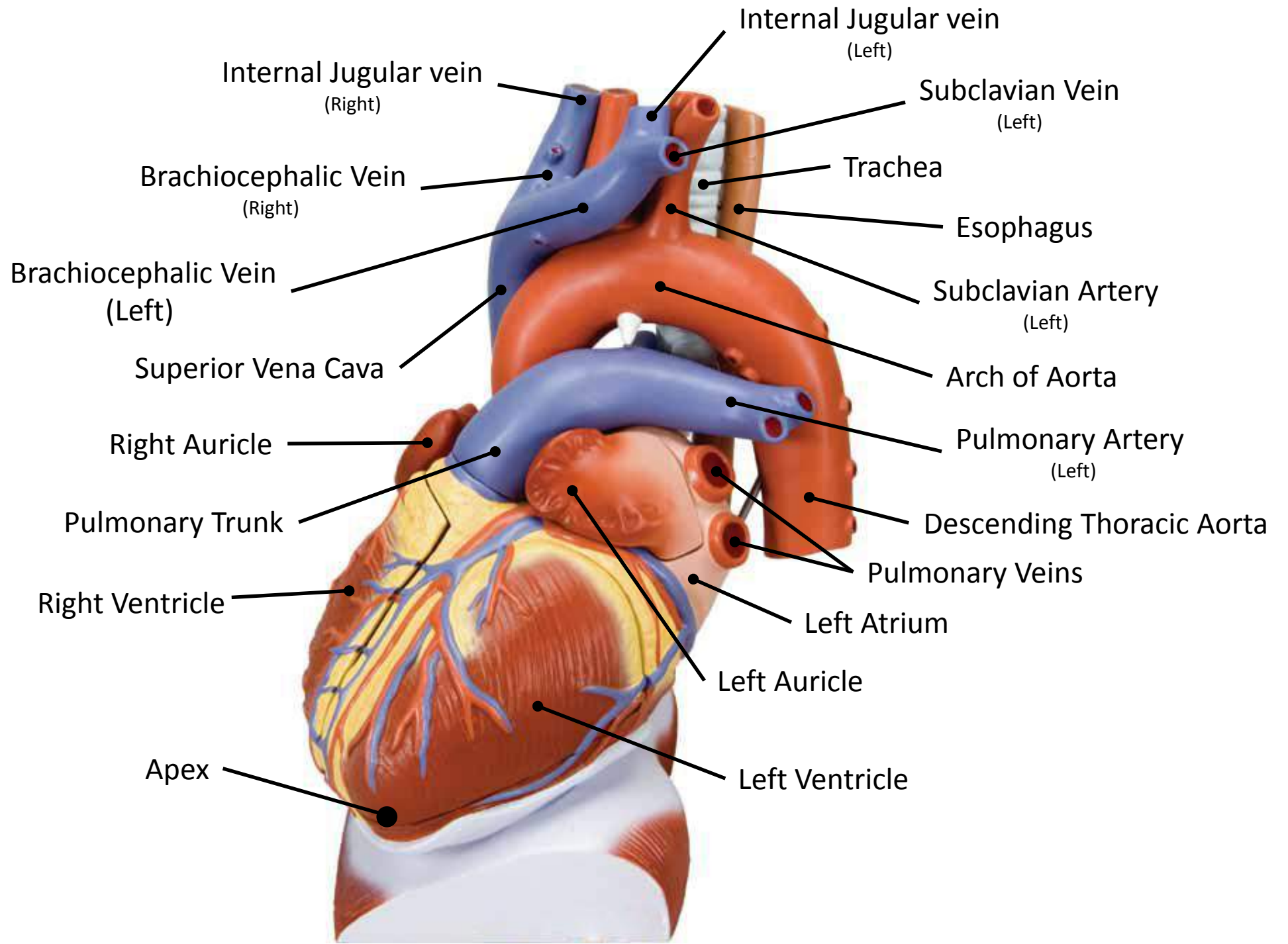


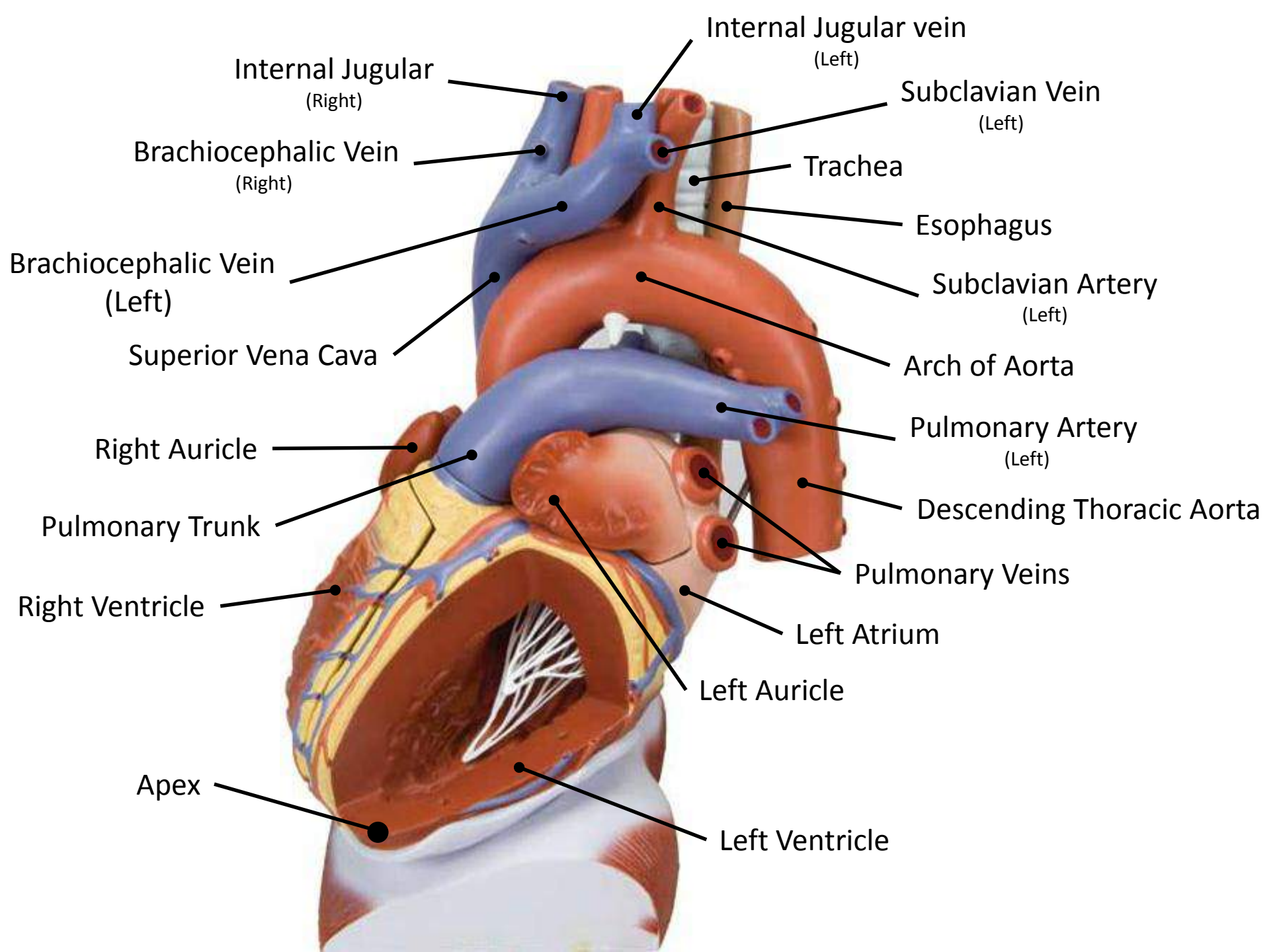
Lab 9

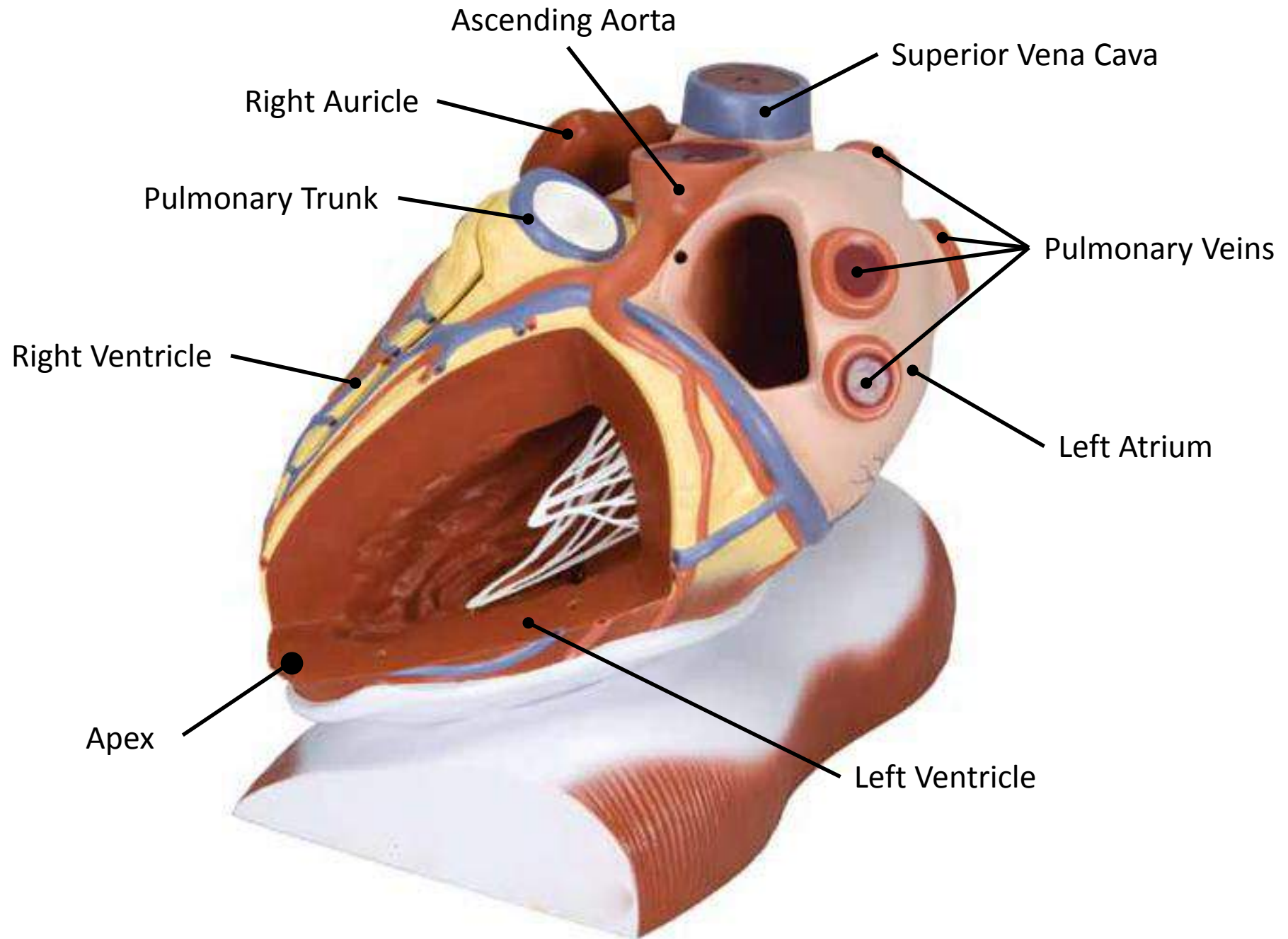
CVS

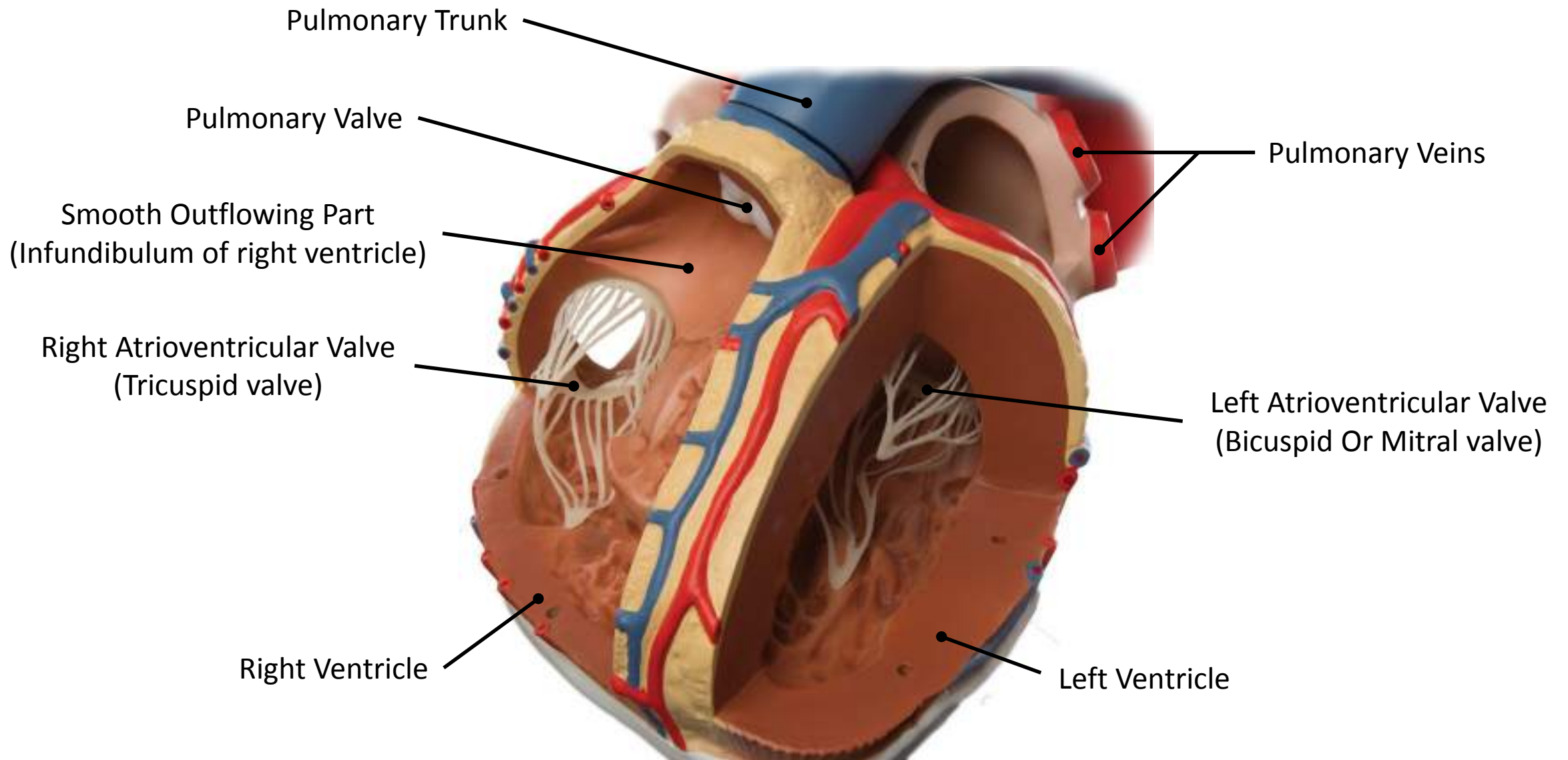




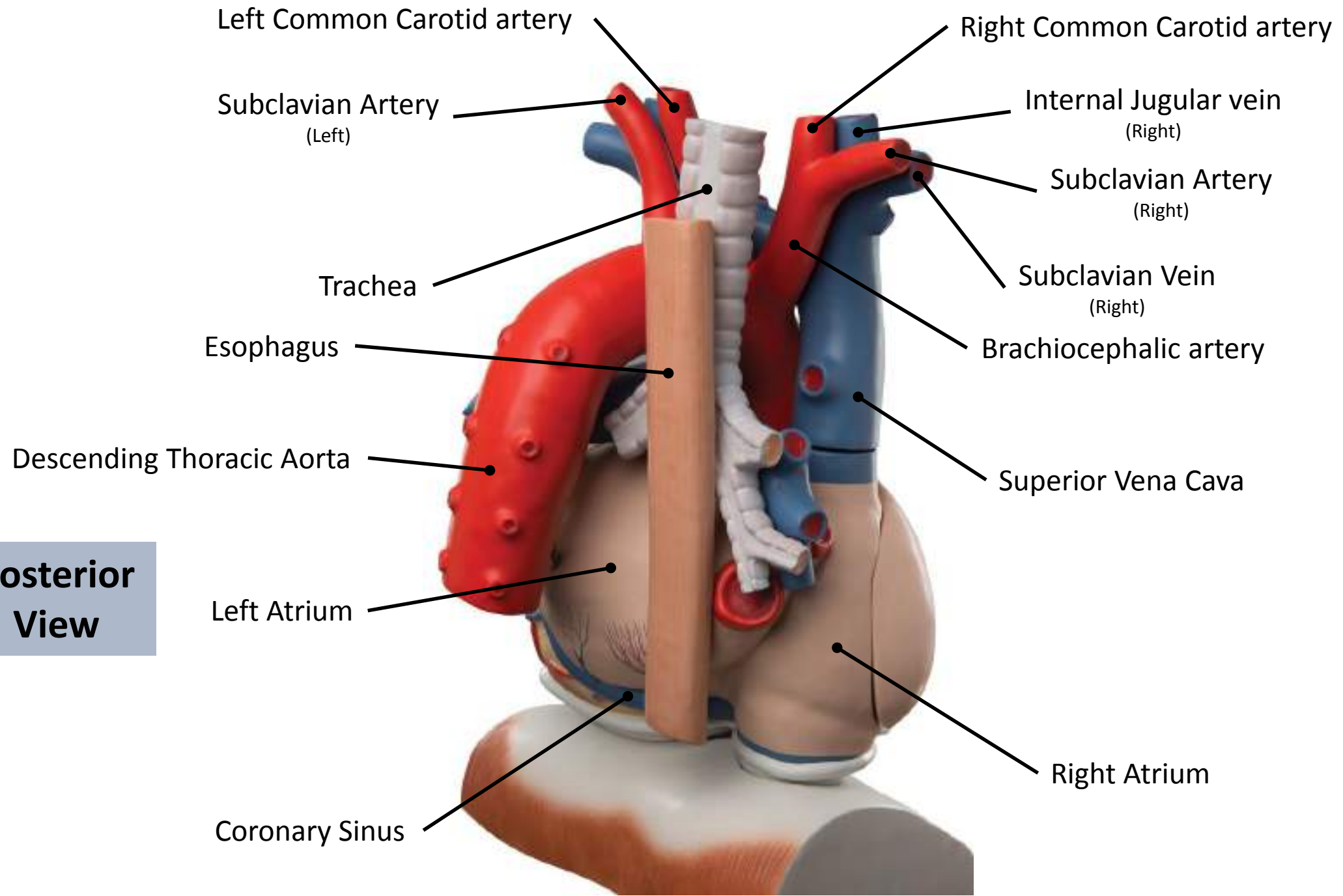




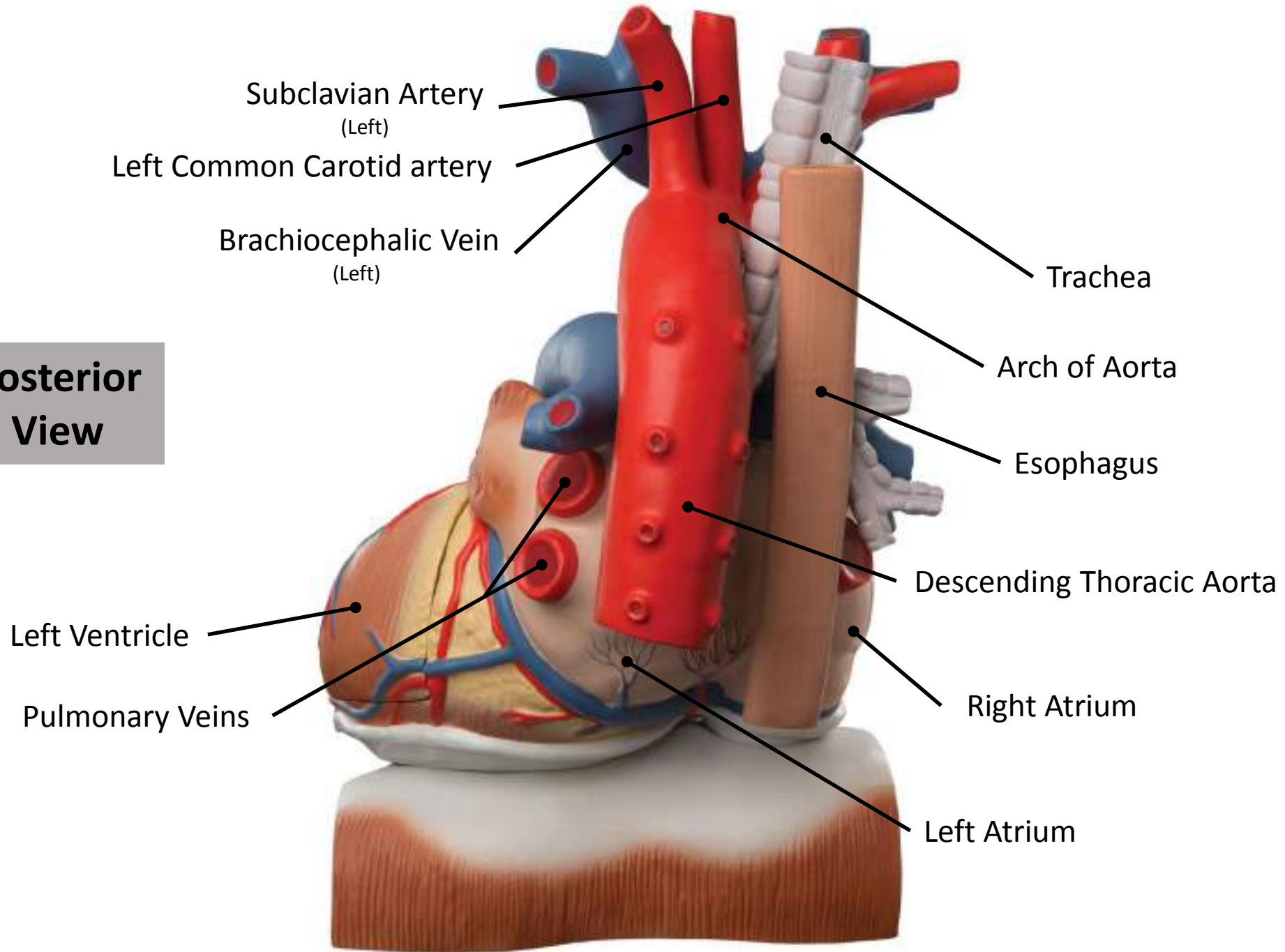


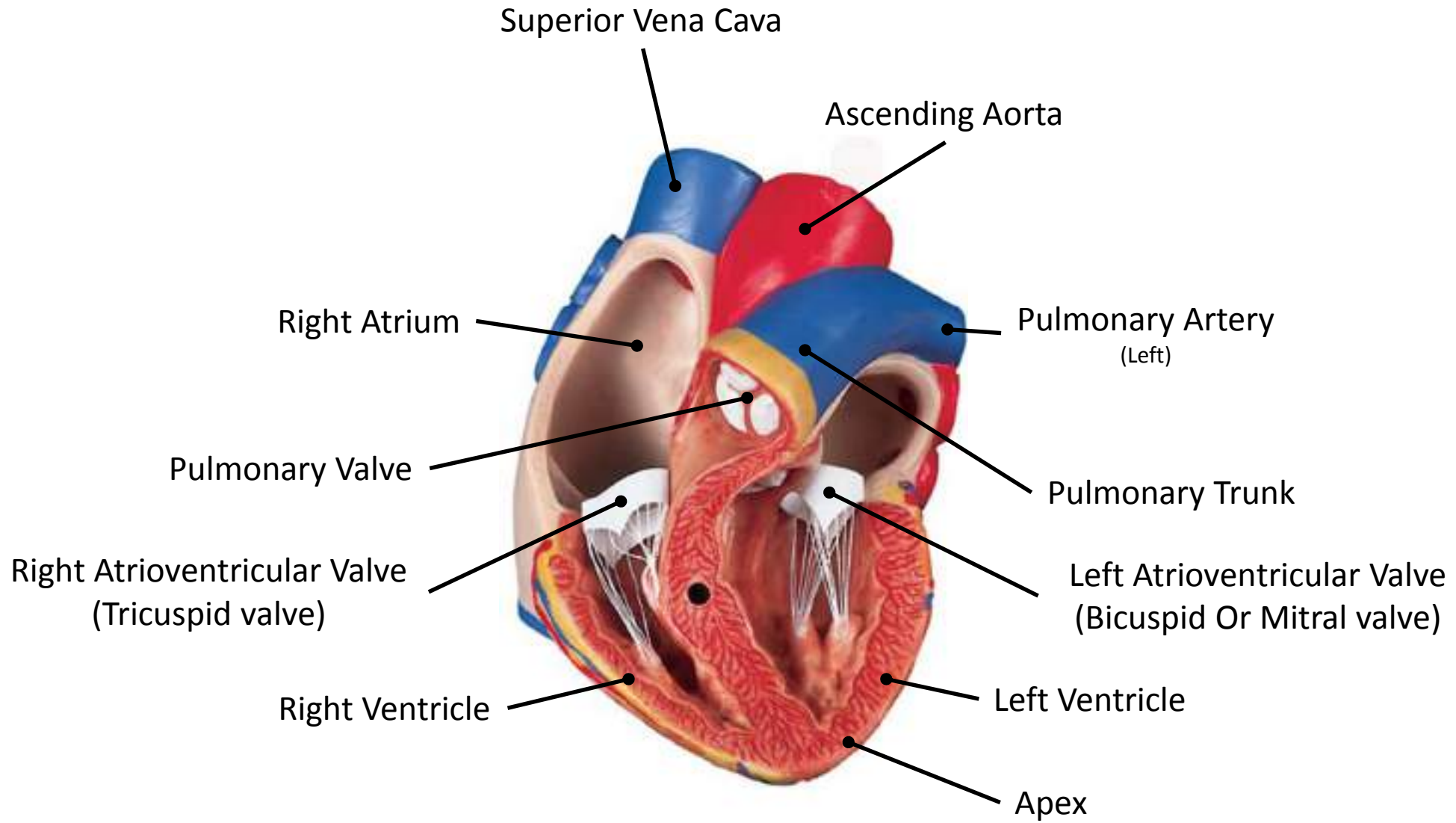


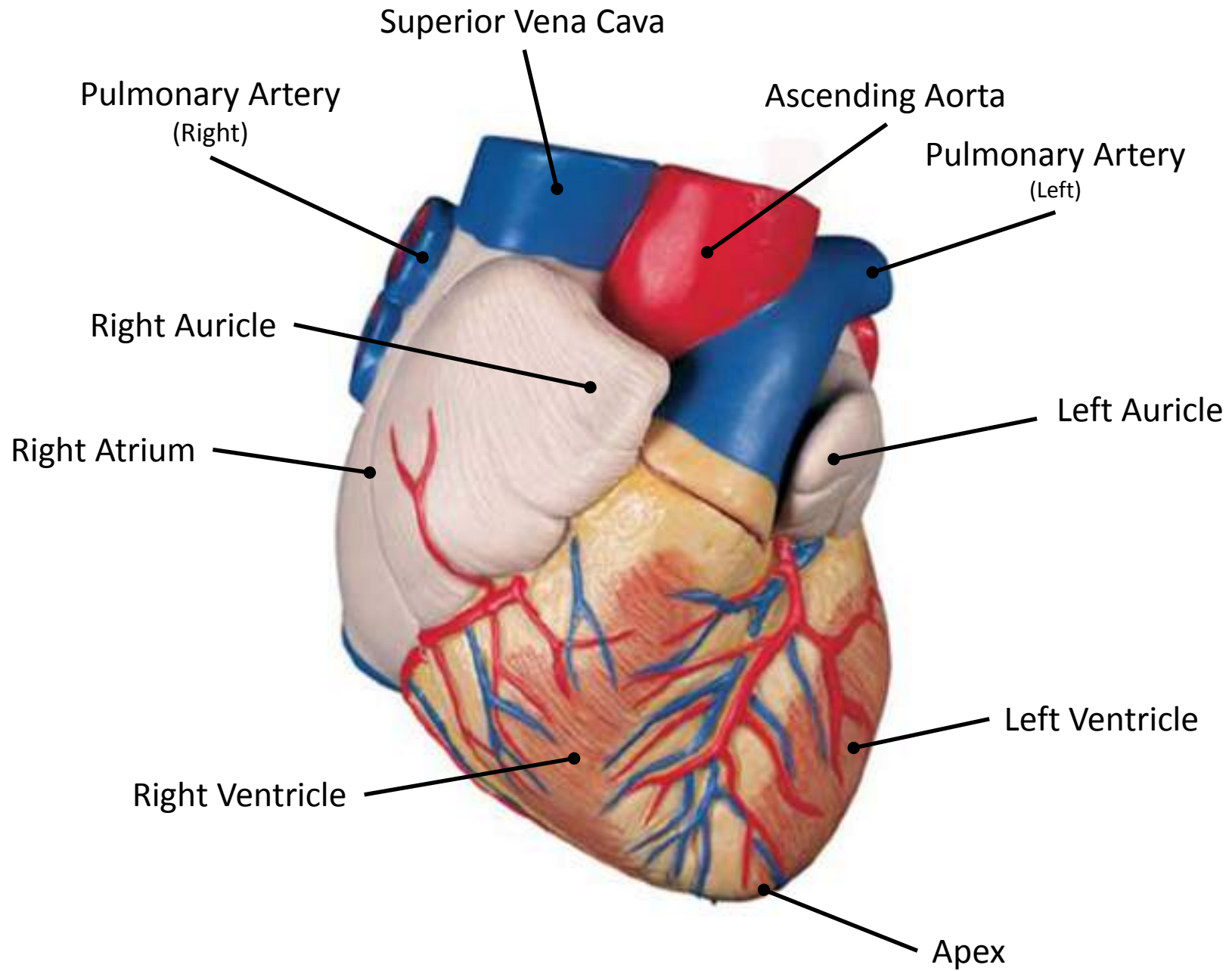
**Posterior
View**

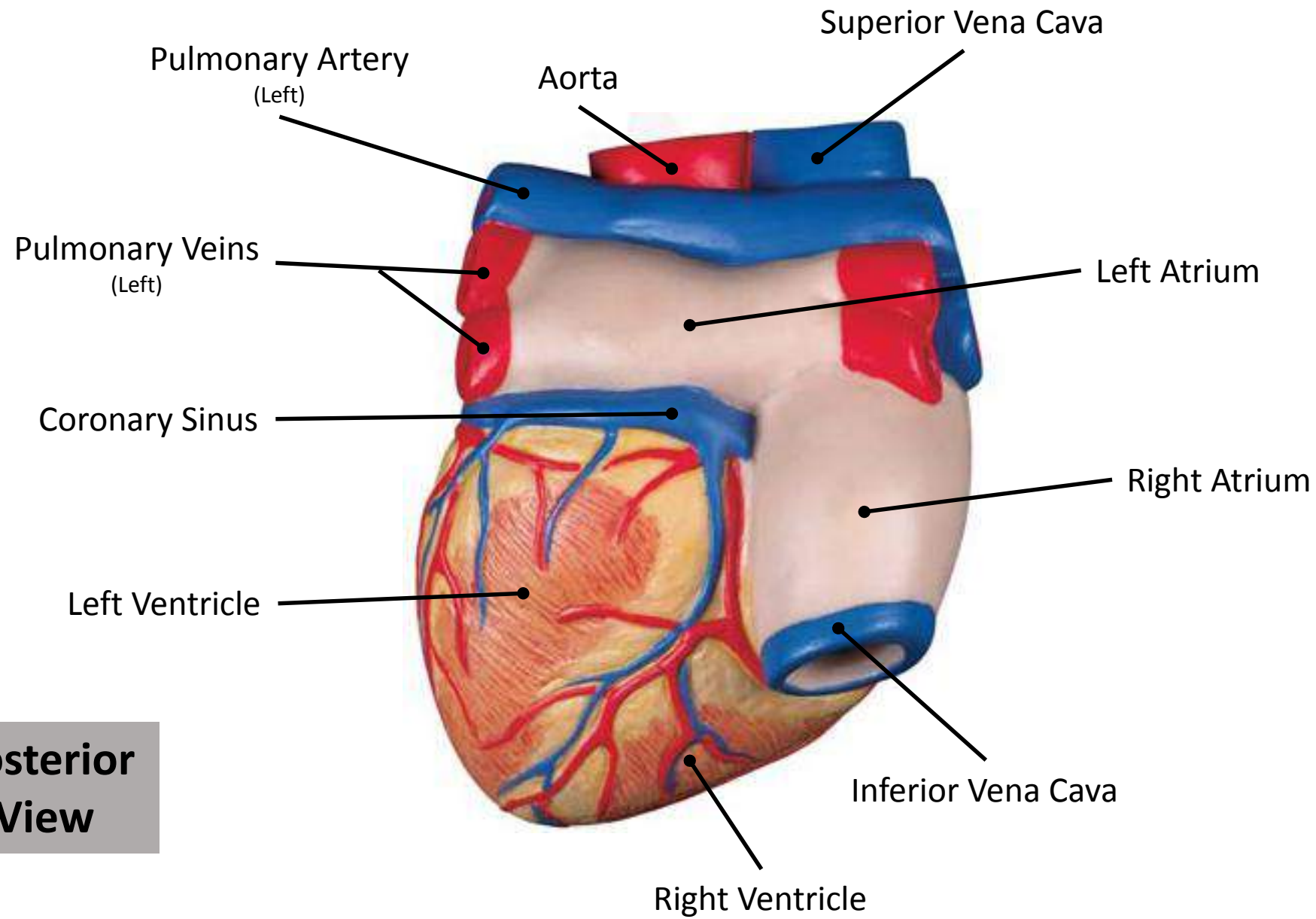


**Posterior
View**

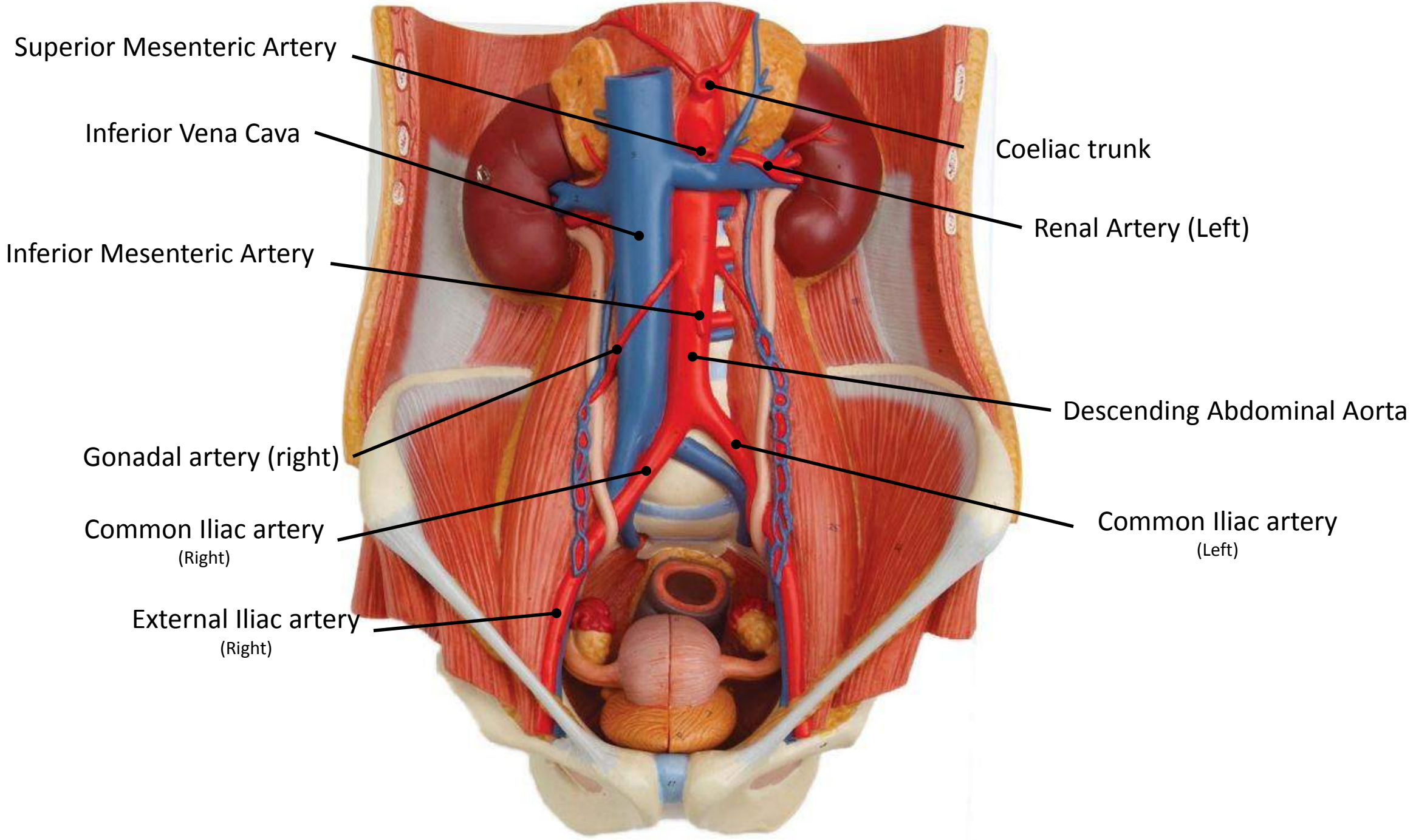








**Posterior
View**



Superior Mesenteric Artery

Inferior Vena Cava

Inferior Mesenteric Artery

Gonadal artery (right)

Common Iliac artery
(Right)

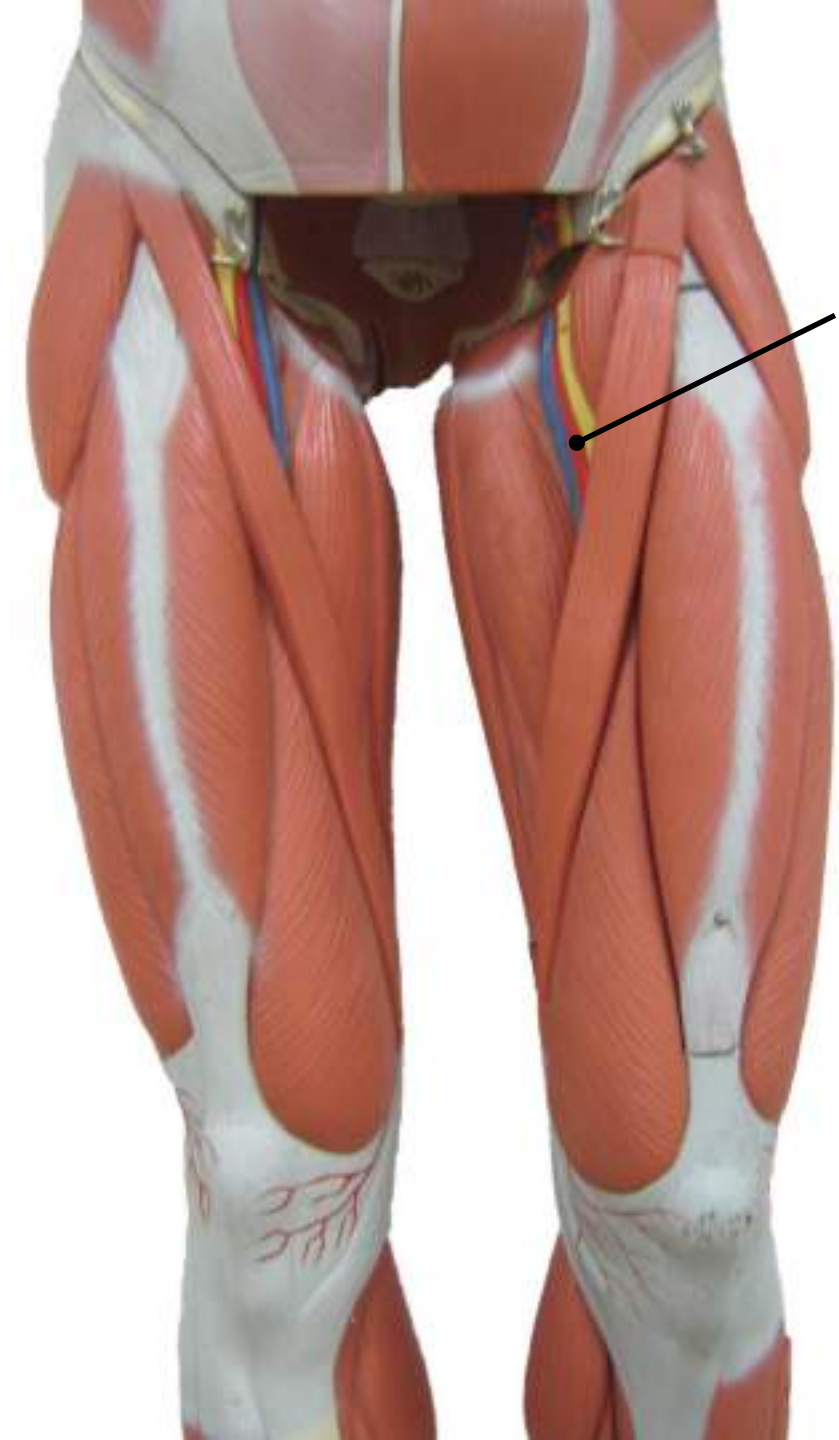
External Iliac artery
(Right)

Coeliac trunk

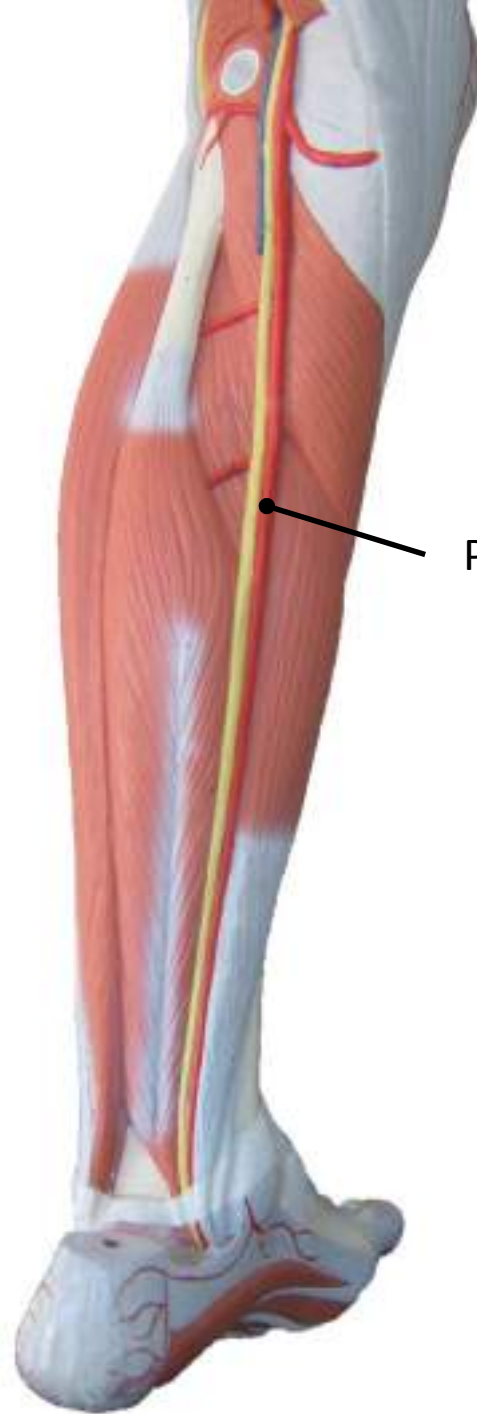
Renal Artery (Left)

Descending Abdominal Aorta

Common Iliac artery
(Left)

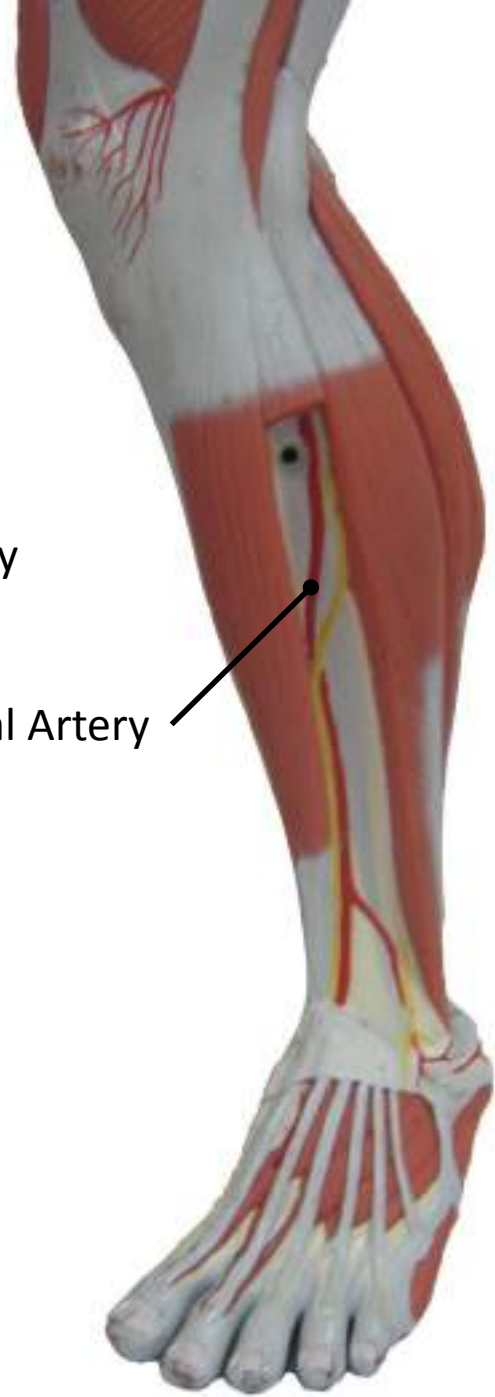


Femoral Artery



Posterior Tibial Artery

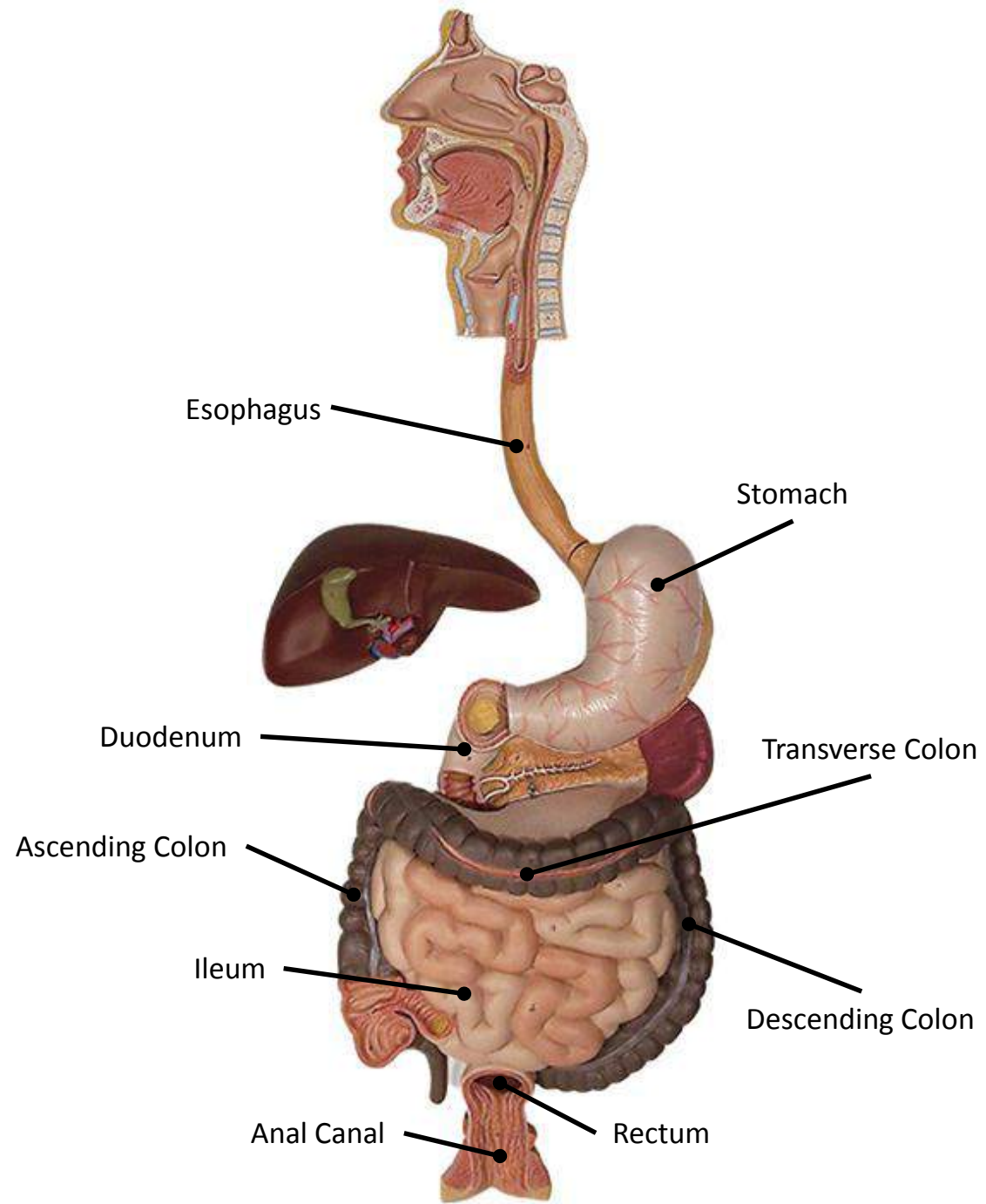
Anterior Tibial Artery

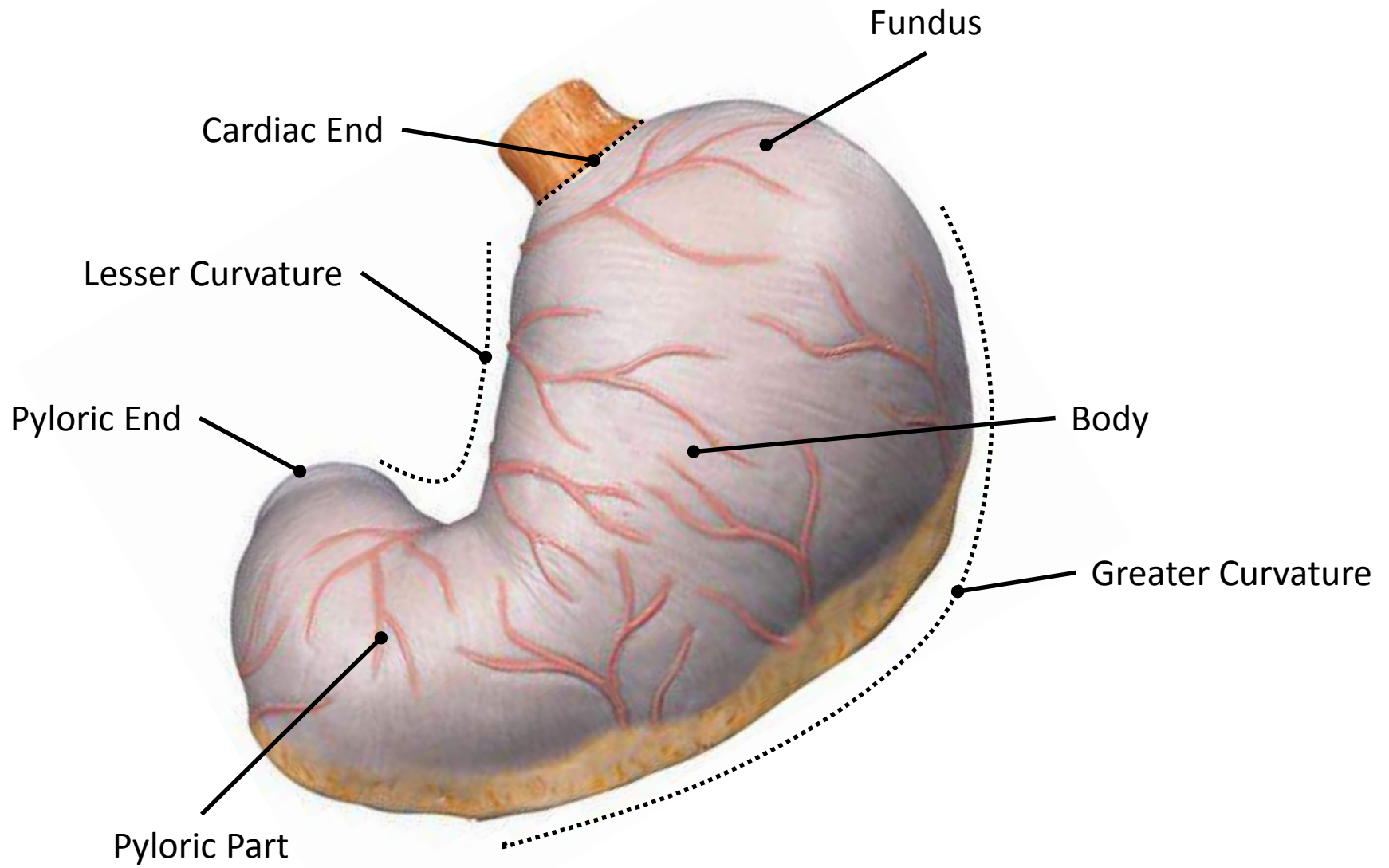


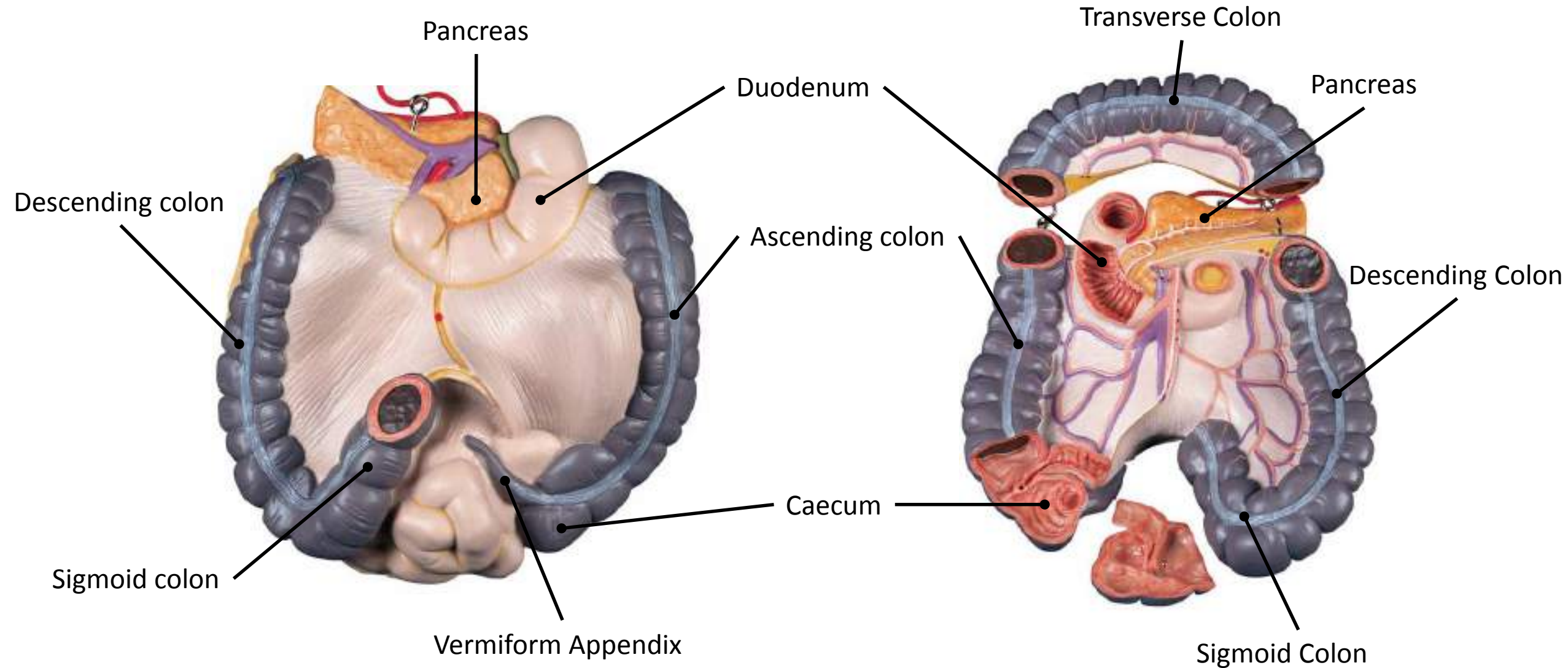
Lab 10

GIT

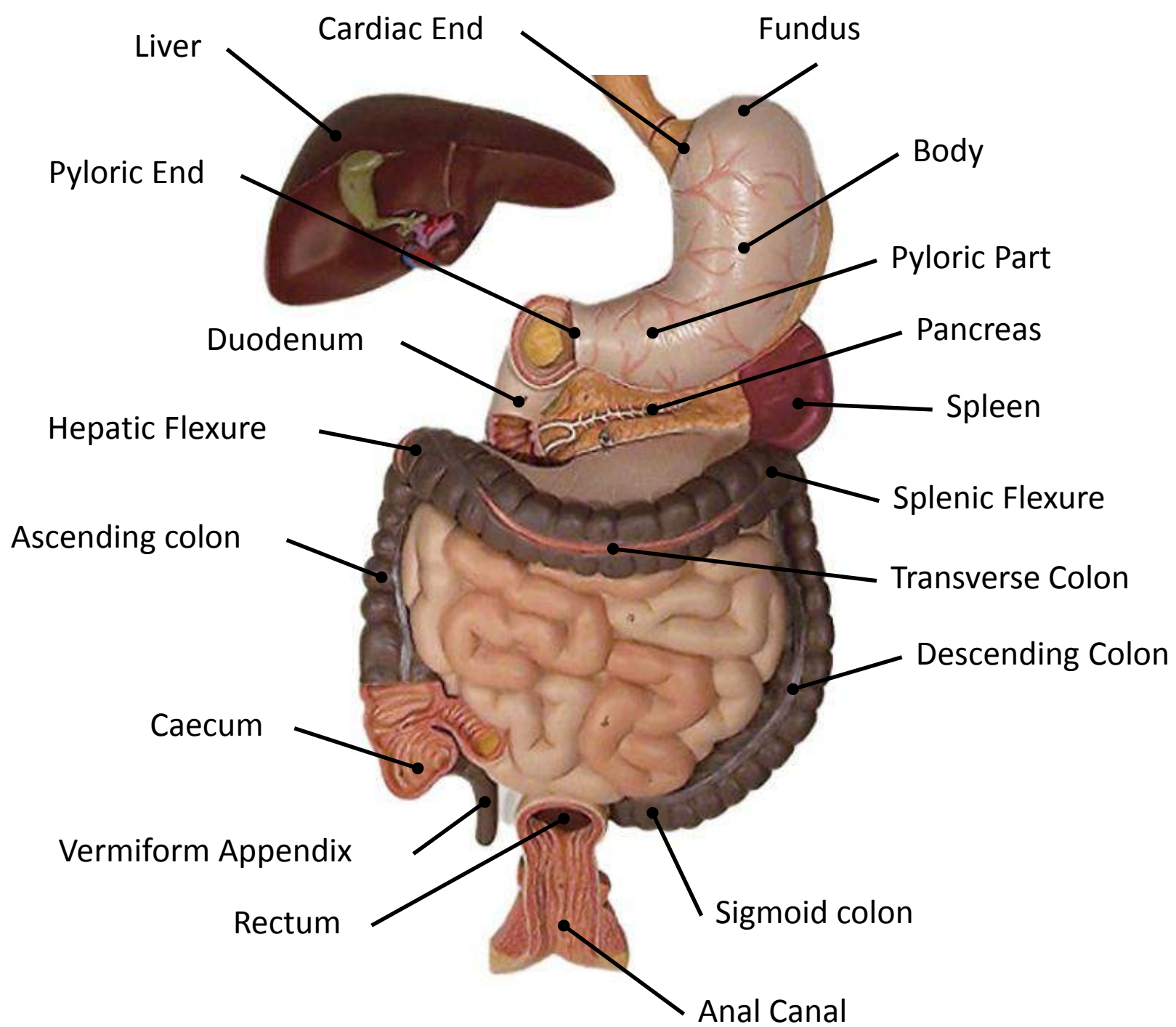
Urinary System
Genital Systems

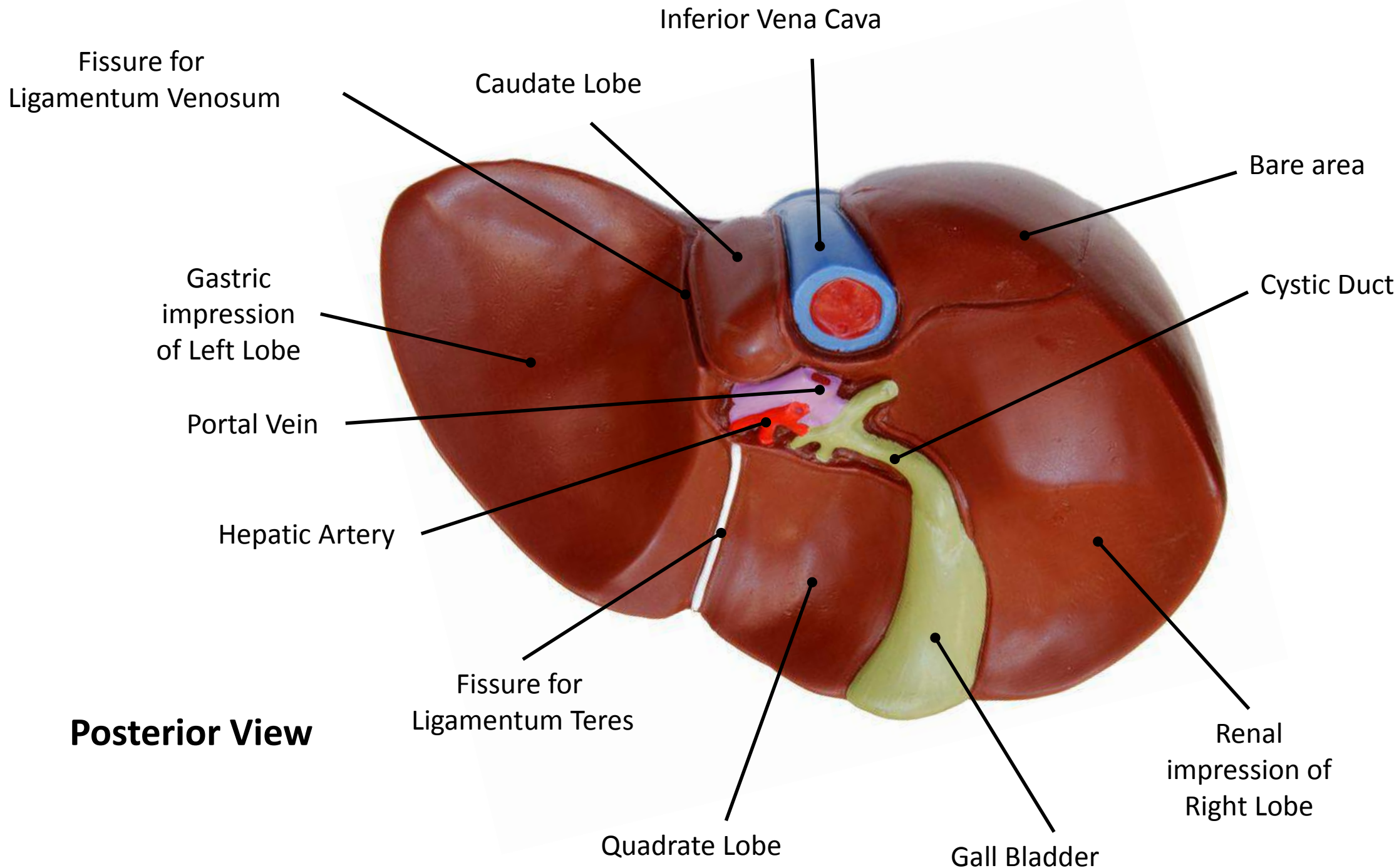




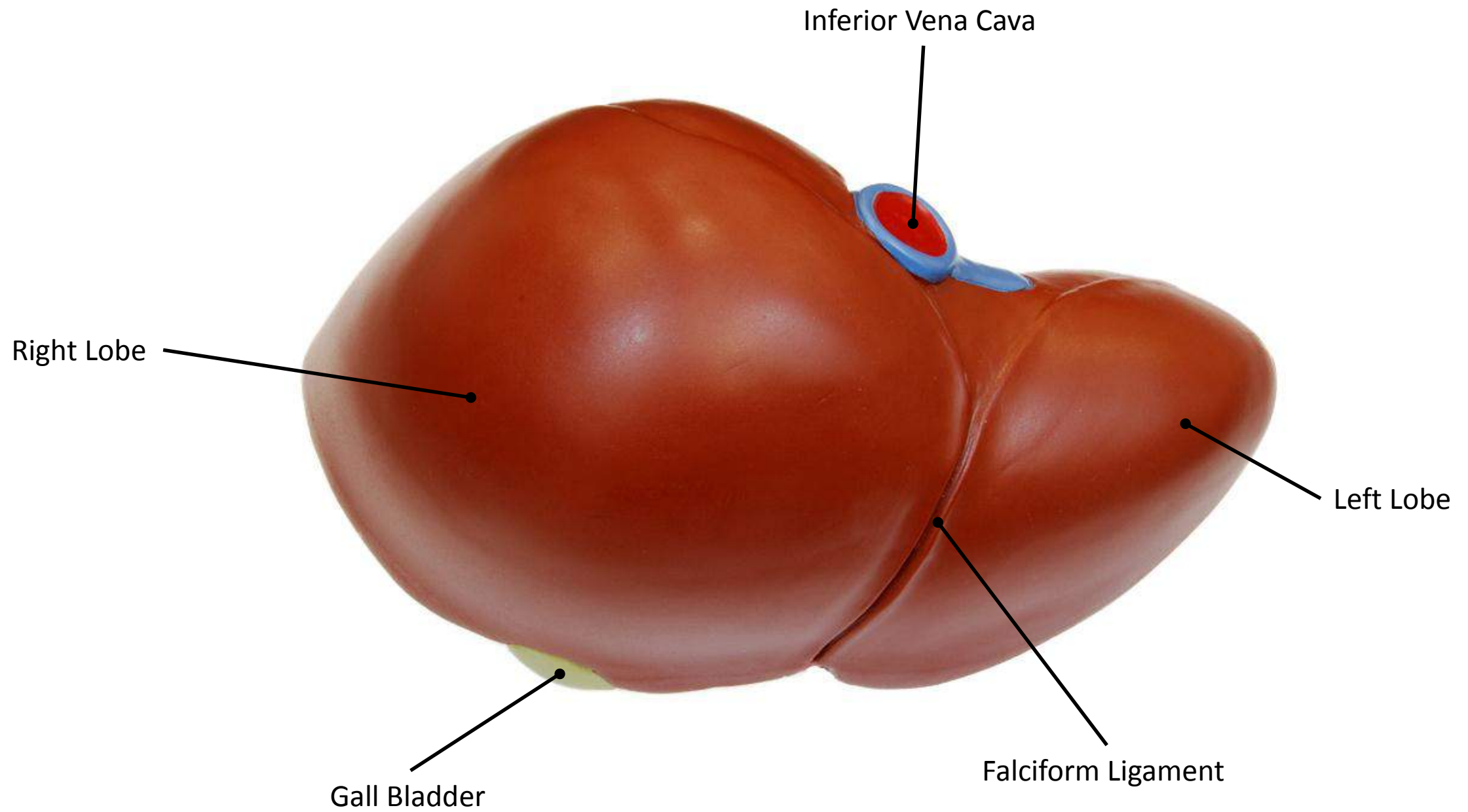


Posterior View

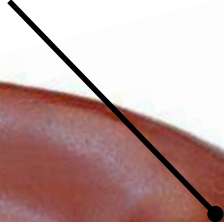




Posterior View



Esophageal Impression



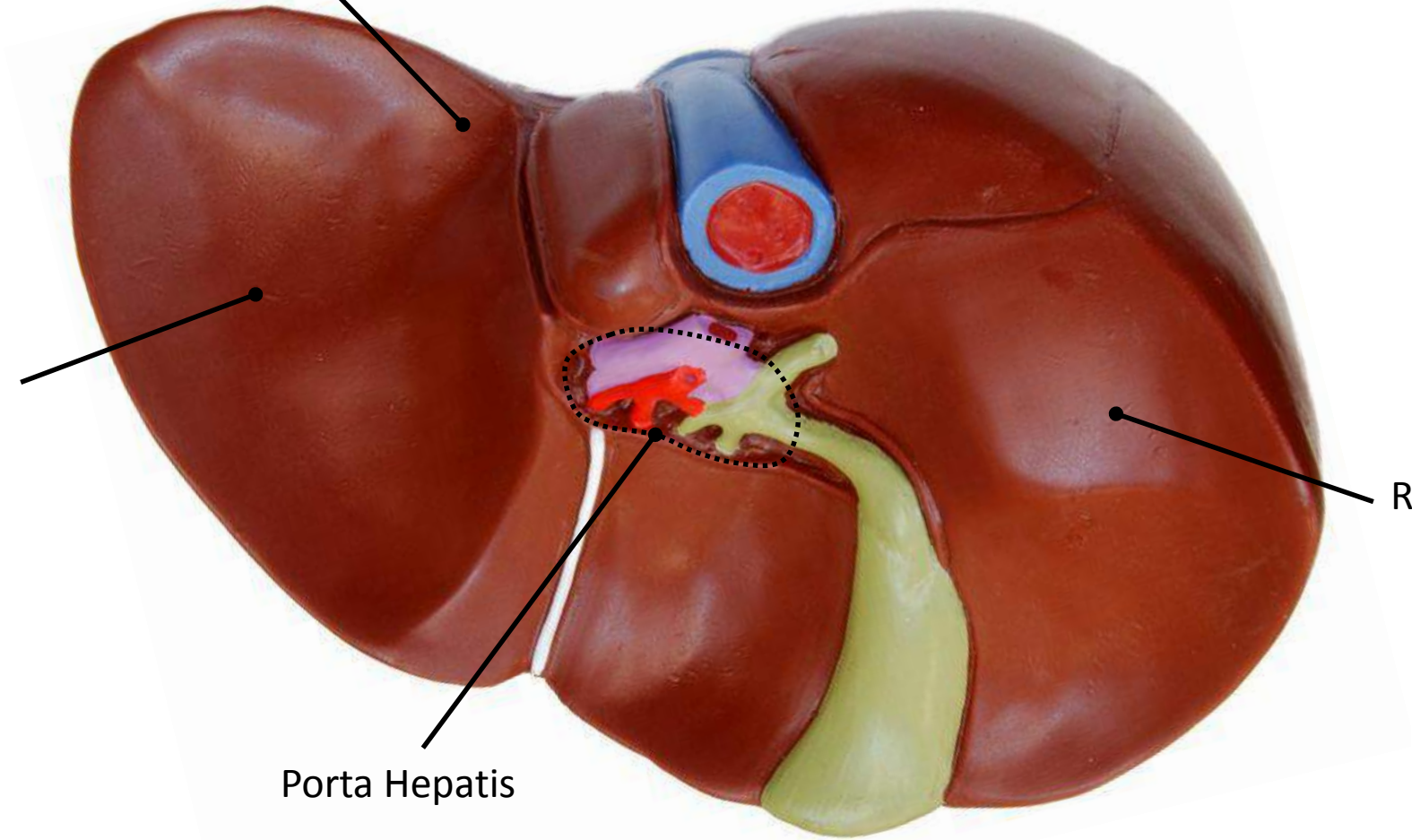
Gastric Impression



Renal Impression



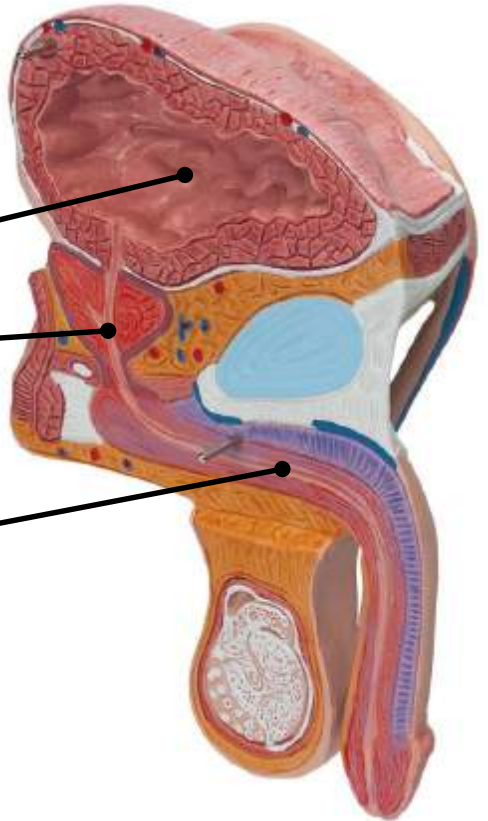
Porta Hepatis



Urinary Bladder

Prostatic
Urethra

Penile
Urethra

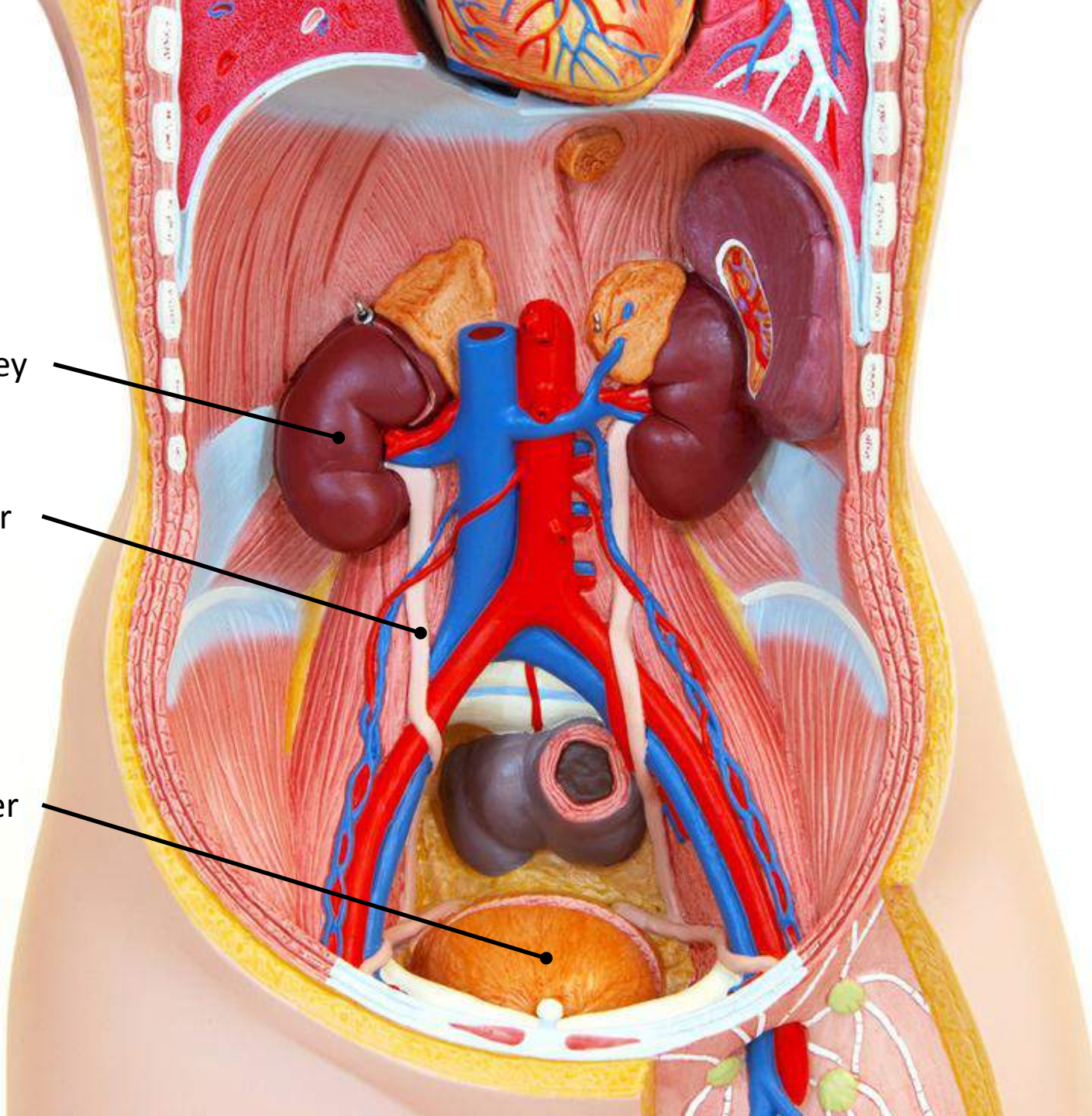
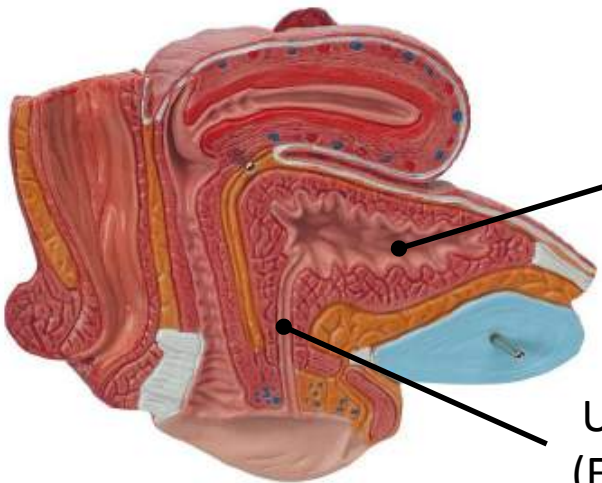


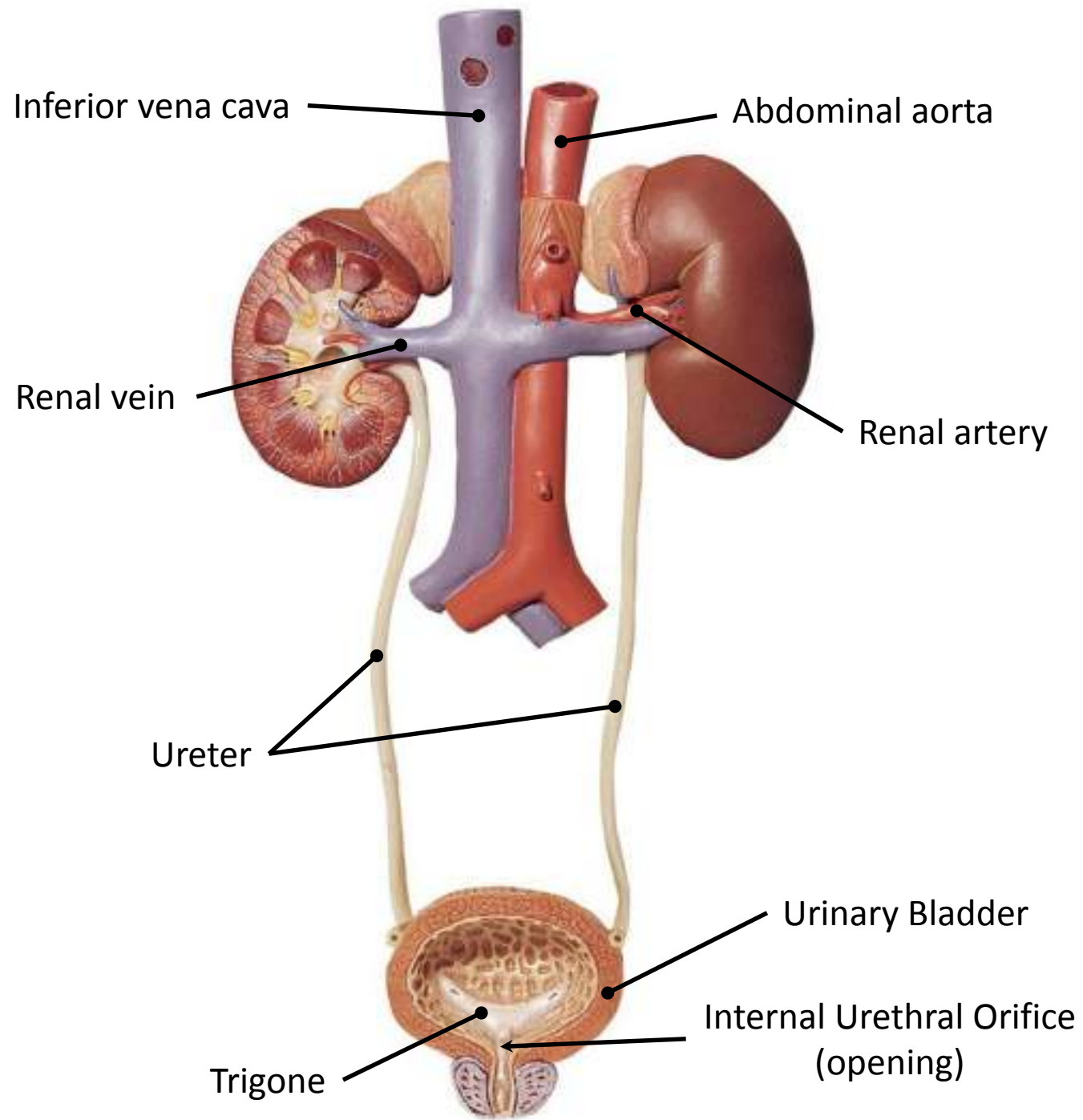
Kidney

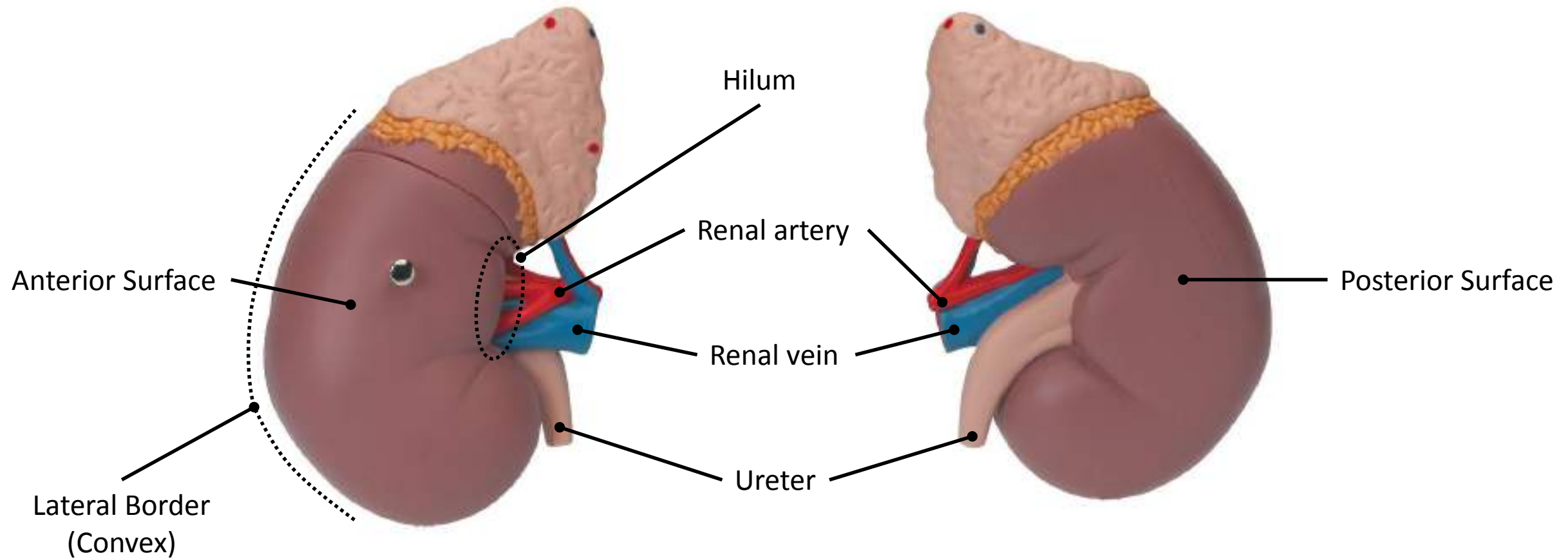
Ureter

Urinary Bladder

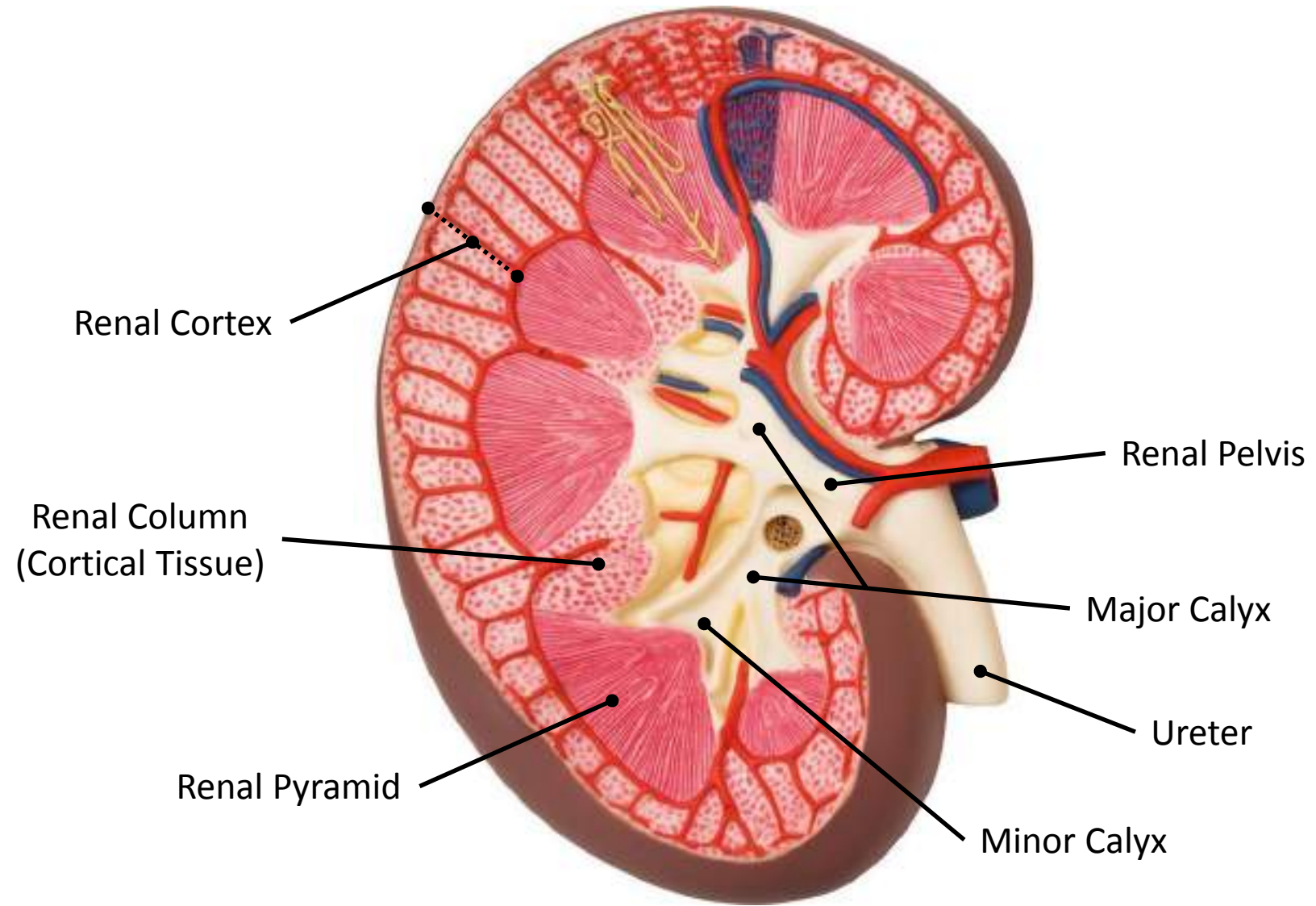
Urethra
(Female)

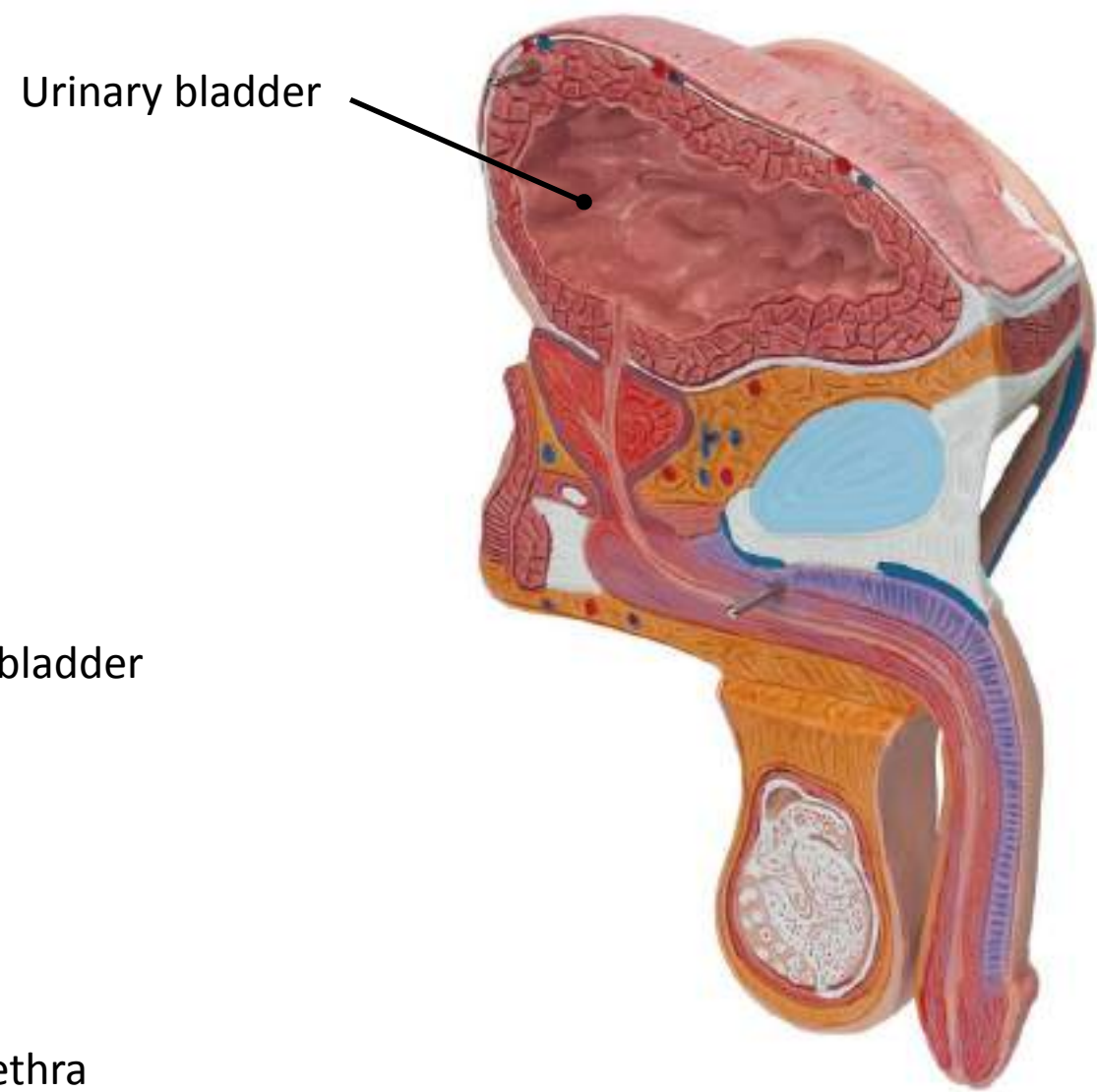
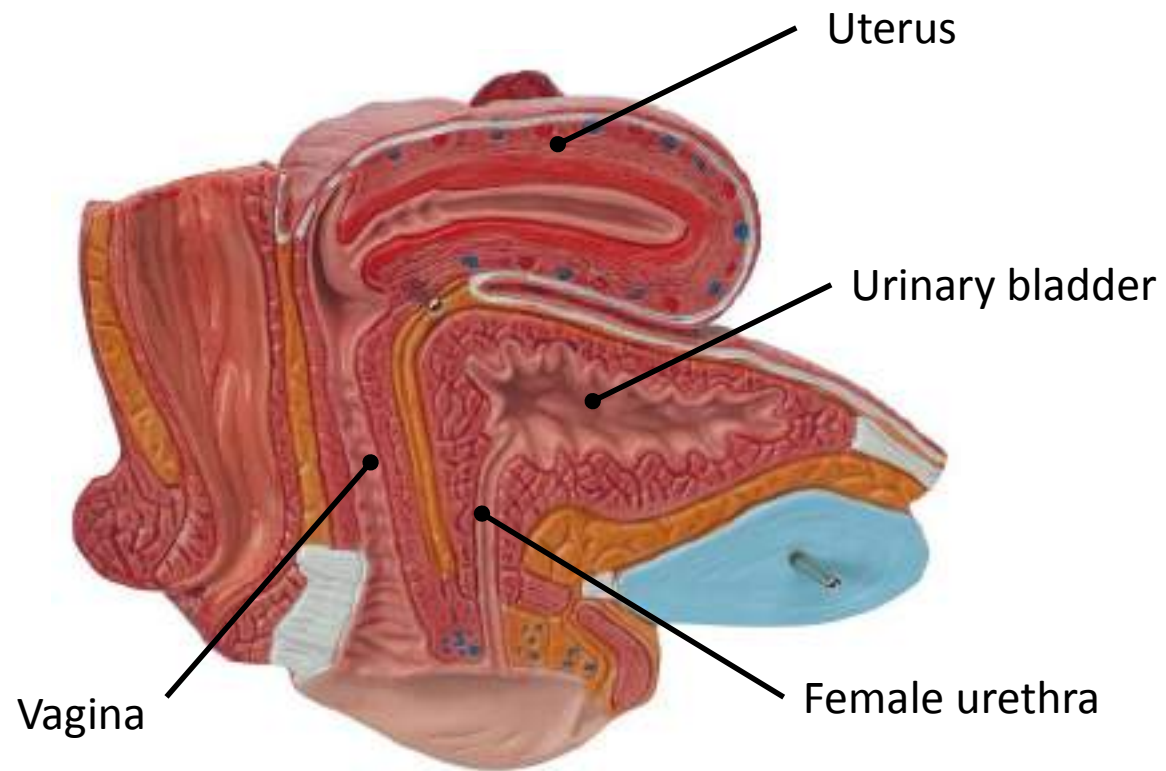




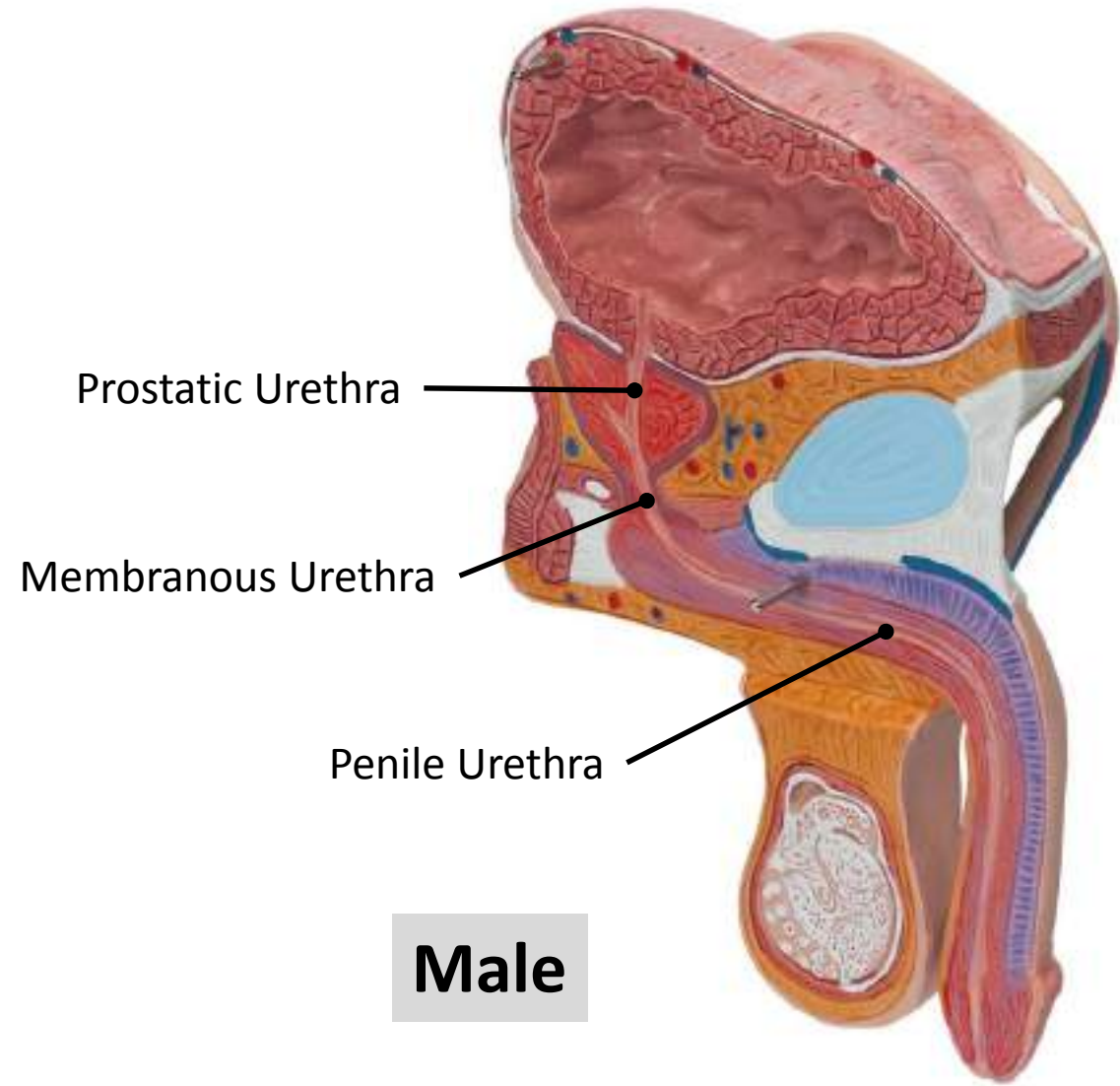
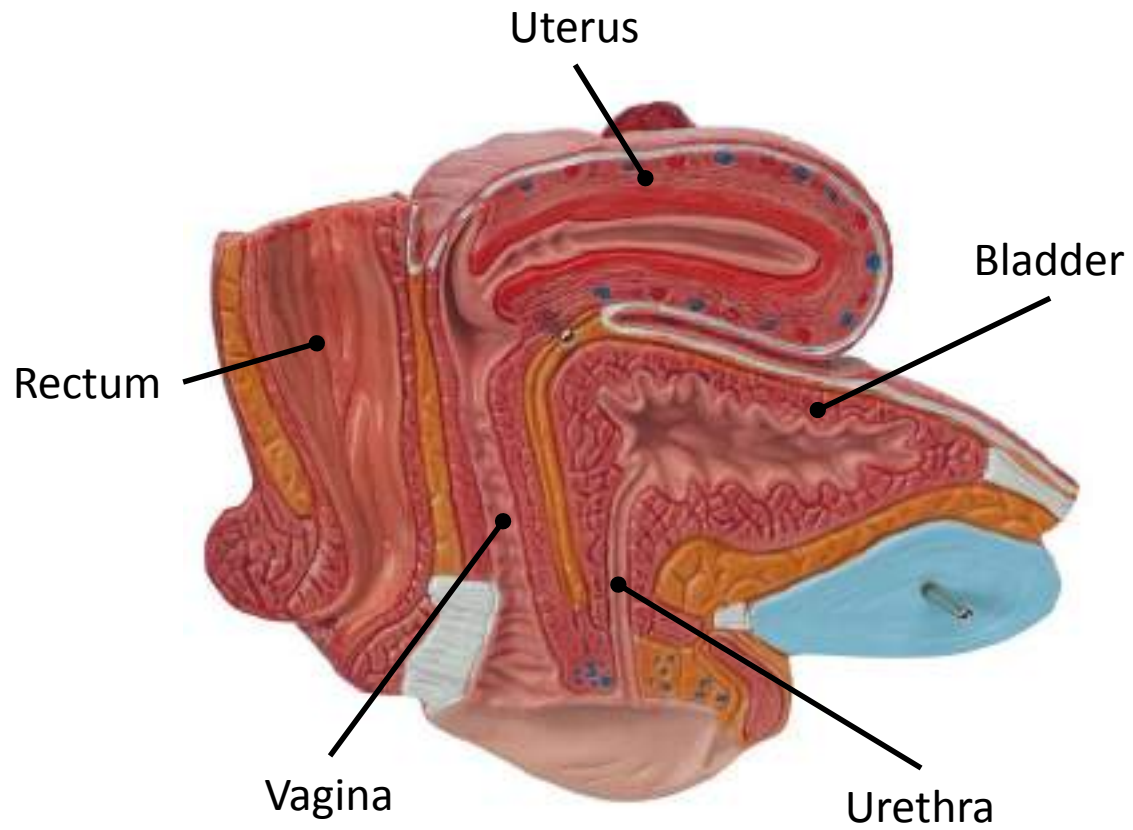


Posterior View





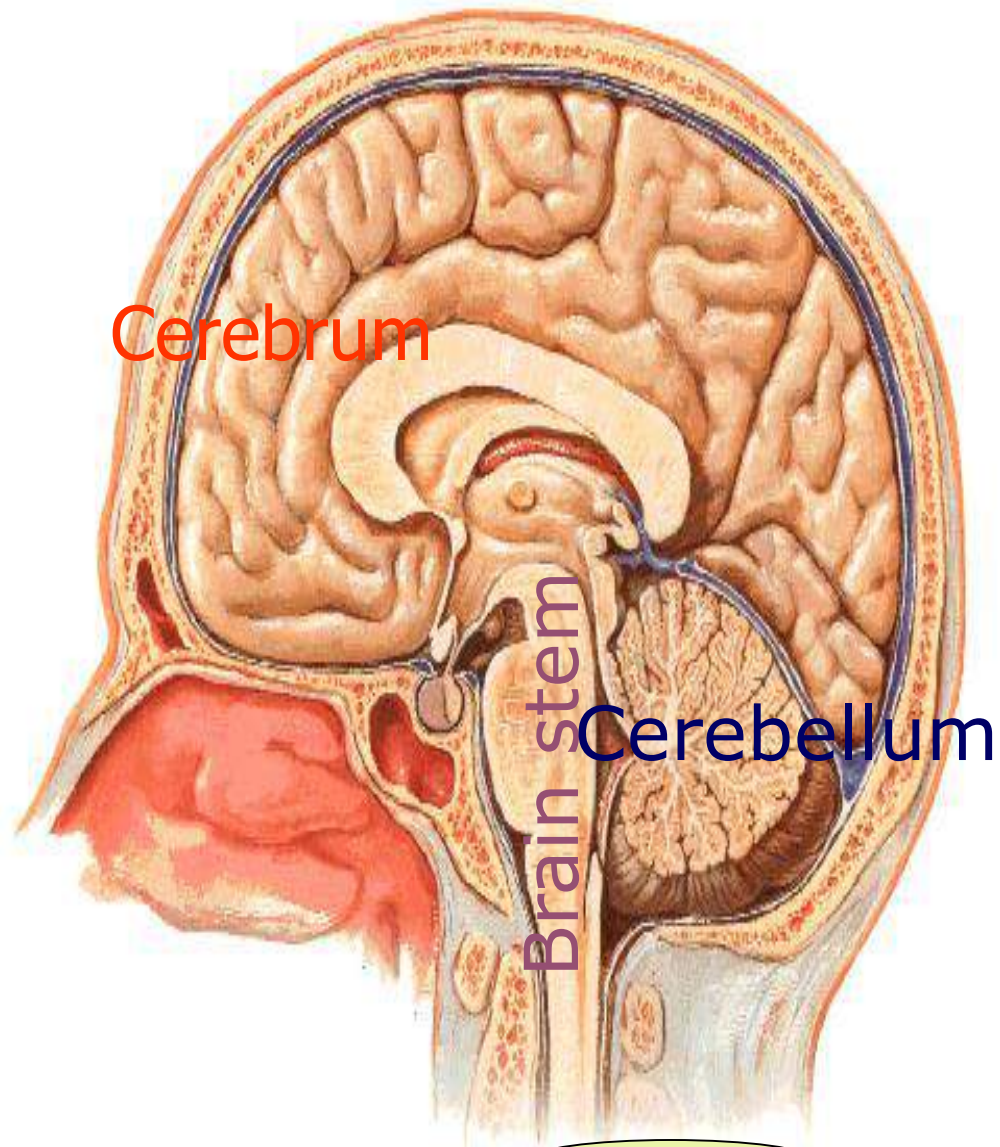
Female



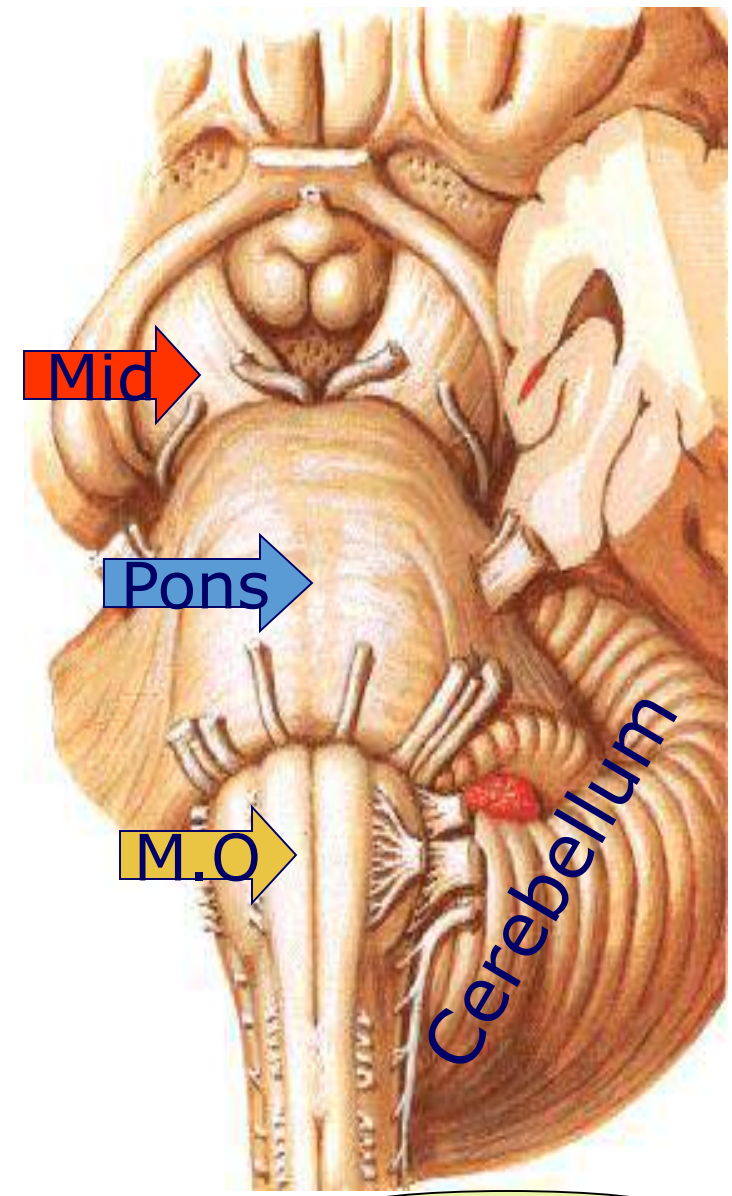
Male

Lab 11

Nervous system



Parts of the brain

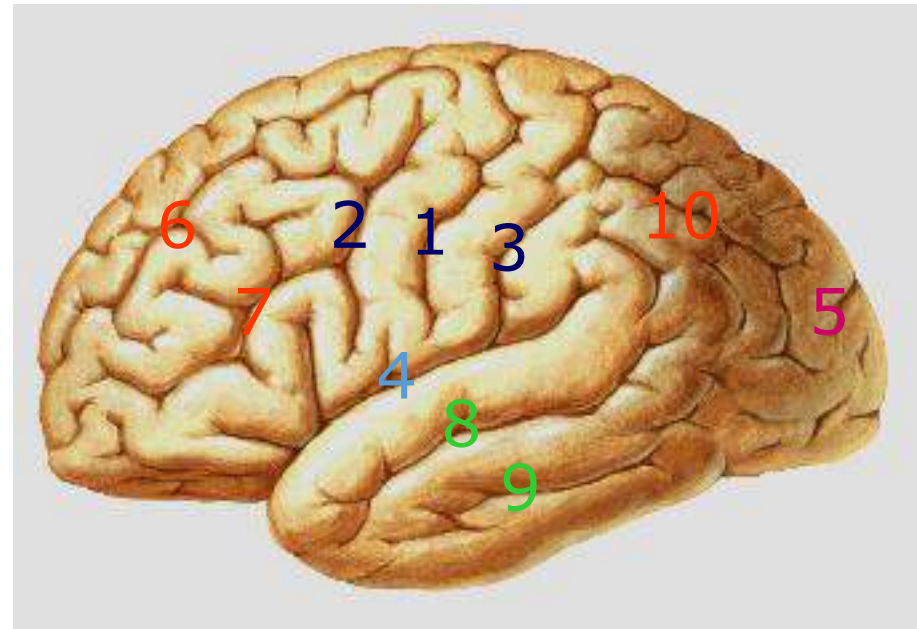


Parts of the brain stem

Superolateral surface of cerebral hemisphere

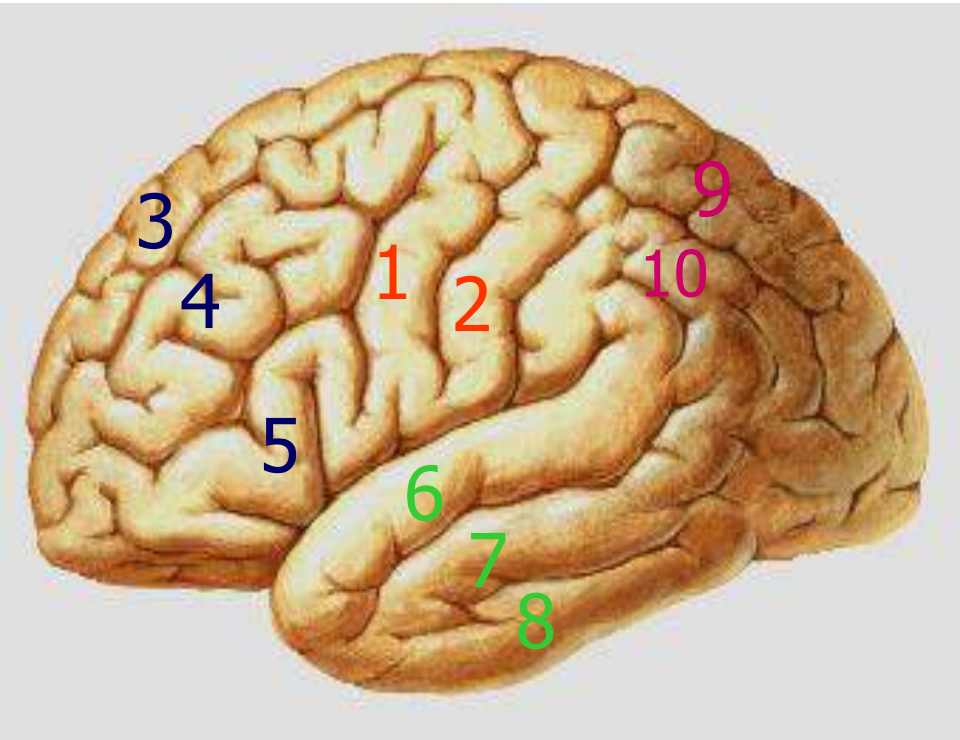
▪ Sulci on the superolateral surface:

1. Central, 2. precentral & 3. postcentral sulci.
4. Lateral sulcus.
5. Parieto-occipital sulcus.
6. Superior & 7. inferior frontal sulci.
8. Superior & 9. inferior temporal sulci.
10. Intraparietal sulcus.



▪ Gyri on the superolateral surface:

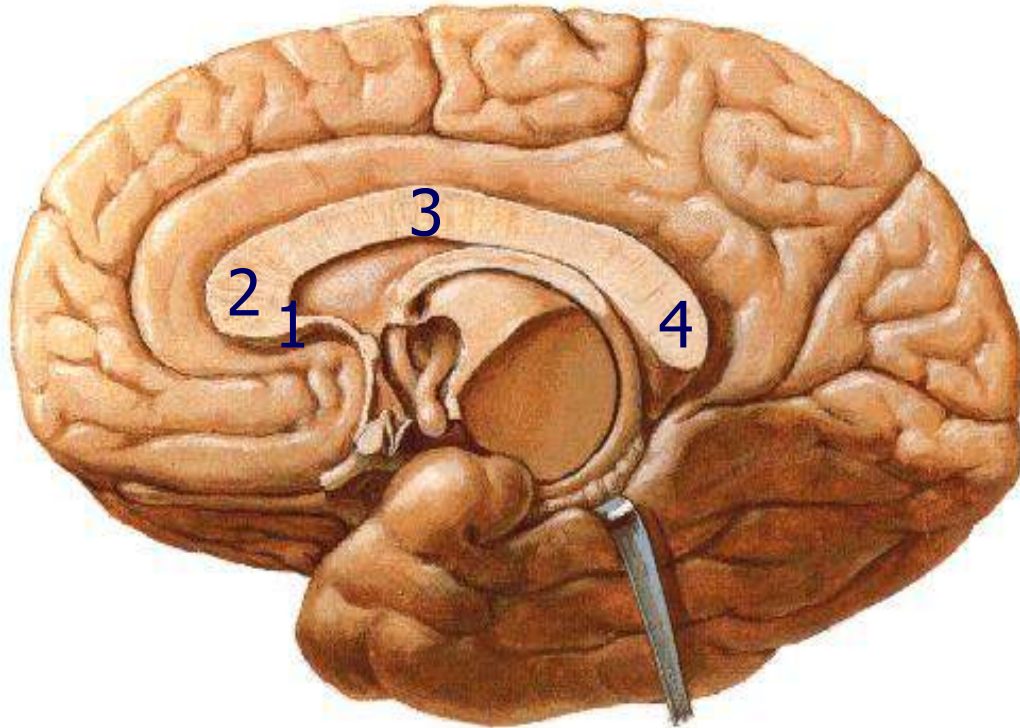
1. Precentral & 2. Postcentral gyri.
3. Superior, 4. Middle & 5. Inferior frontal gyri.
6. Superior, 7. Middle & 8. Inferior temporal gyri.
9. Superior & 10. Inferior parietal lobules.
11. Angular gyrus (An).
12. Supramarginal gyrus (SM).



Medial surface of cerebral hemisphere

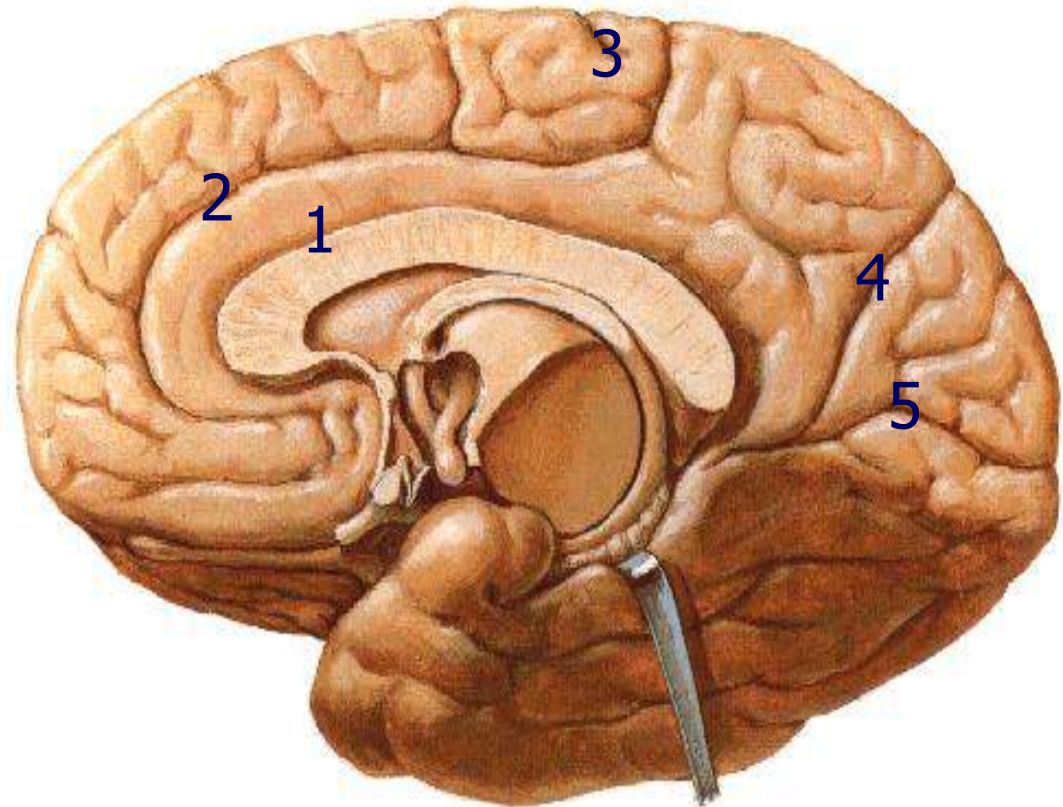
- The medial surface presents the *corpus callosum* formed of white matter & is divided into 4 parts; from anterior to posterior these parts are:

1. Rostrum.
2. Genu.
3. Body (trunk).
4. Splenium.



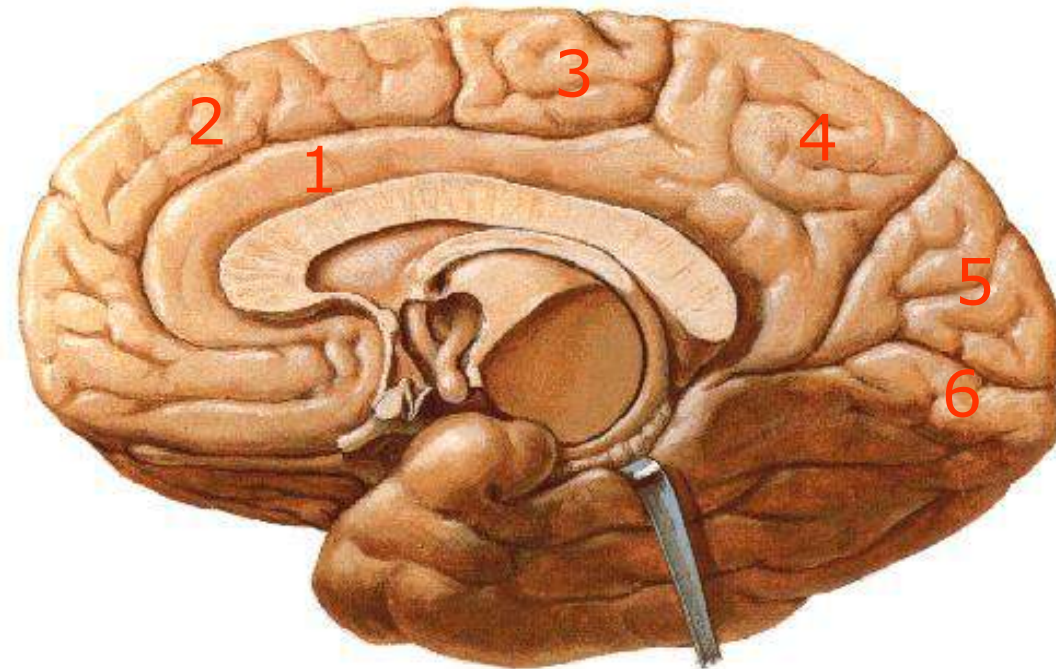
▪ Sulci on the medial surface:

1. Callosal sulcus.
2. Cingulate sulcus.
3. Central sulcus.
4. Parieto-occipital sulcus.
5. Calcarine sulcus.



▪ Gyri on the medial surface:

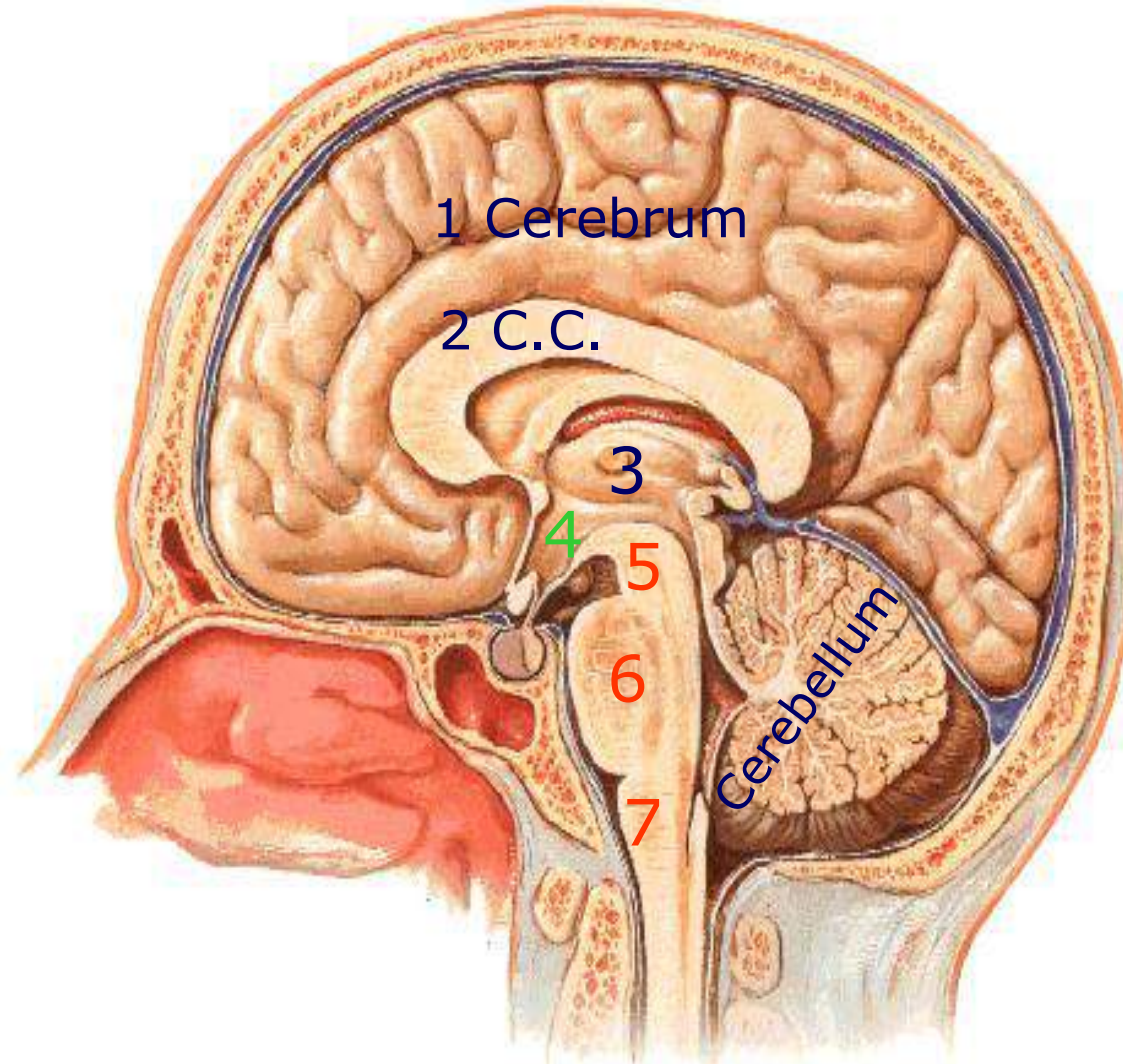
1. Cingulate gyrus.
2. Medial frontal gyrus.
3. Paracentral lobule.
4. Precuneus.
5. Cuneus.
6. Lingual gyrus.



Median sagittal section of the brain:

From above downwards the following areas could be identified:

- 1- Medial surface of the cerebrum.
2. Corpus callosum with its 4 parts.
3. Thalamus.
4. Hypothalamus.
5. Mid brain.
6. Pons.
7. Medulla oblongata.
8. Cerebellum.





Thank You
Thank You
Thank You!!!!

Shey