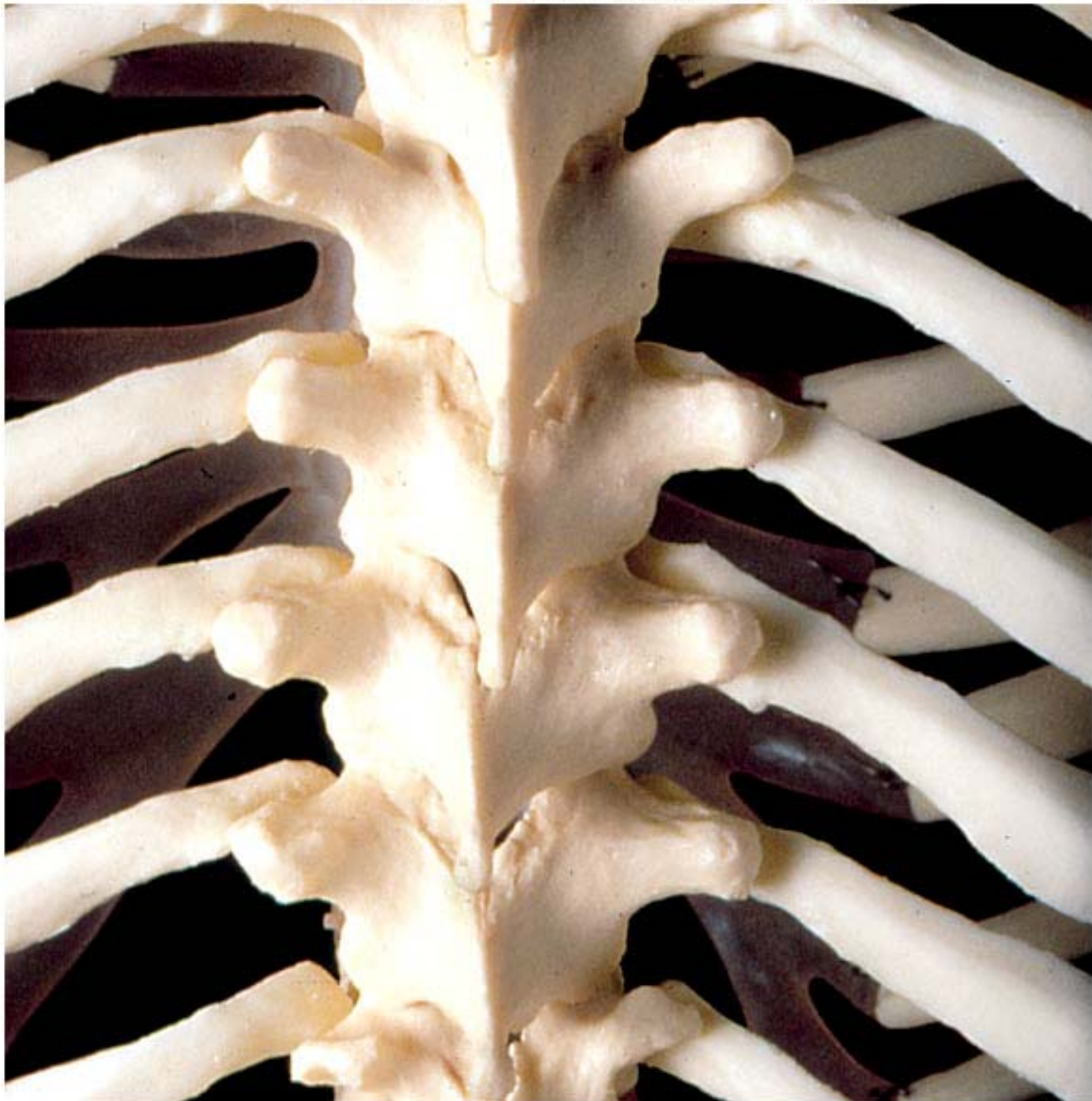
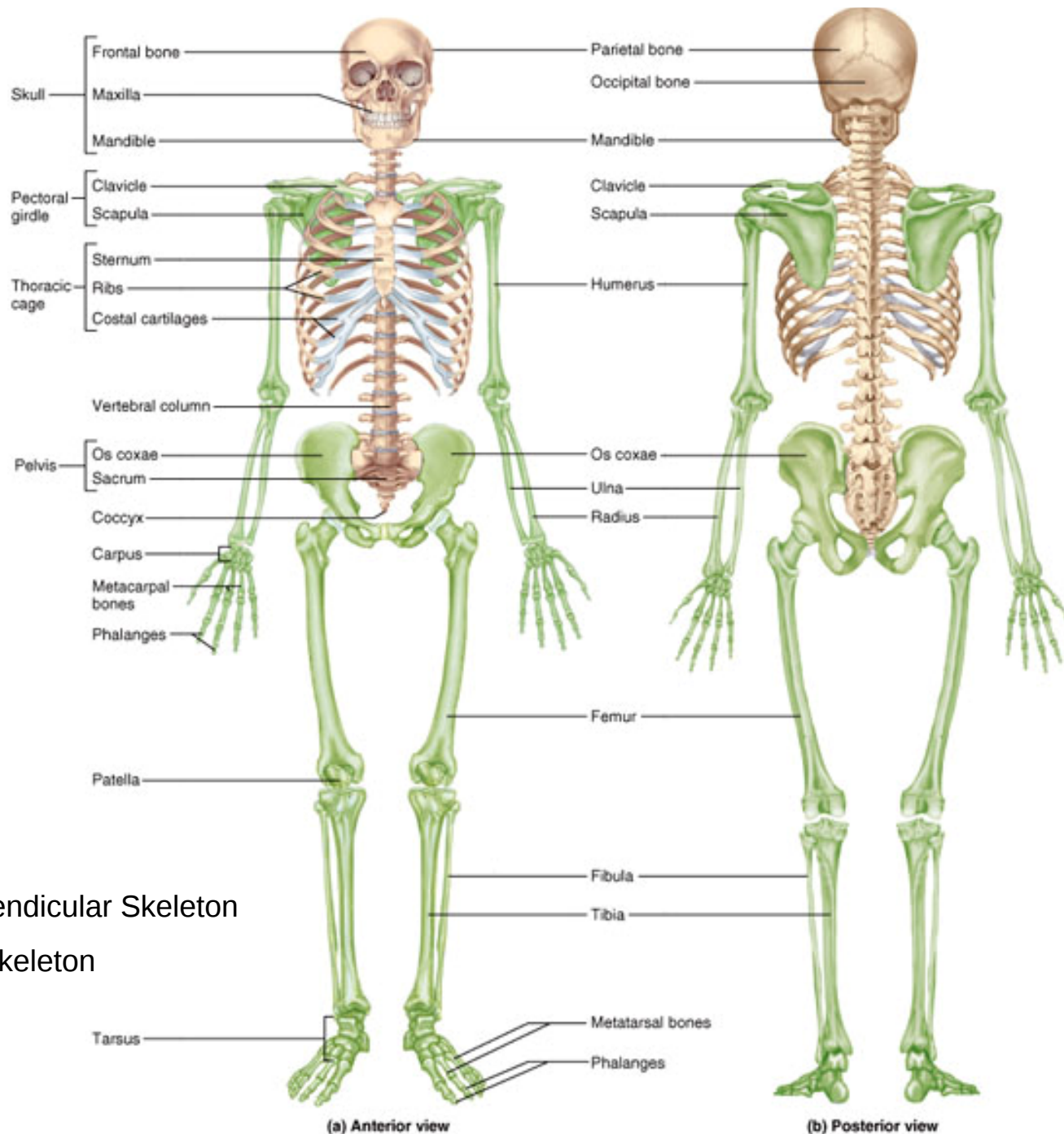


MC3 A/P Lab Unit 1

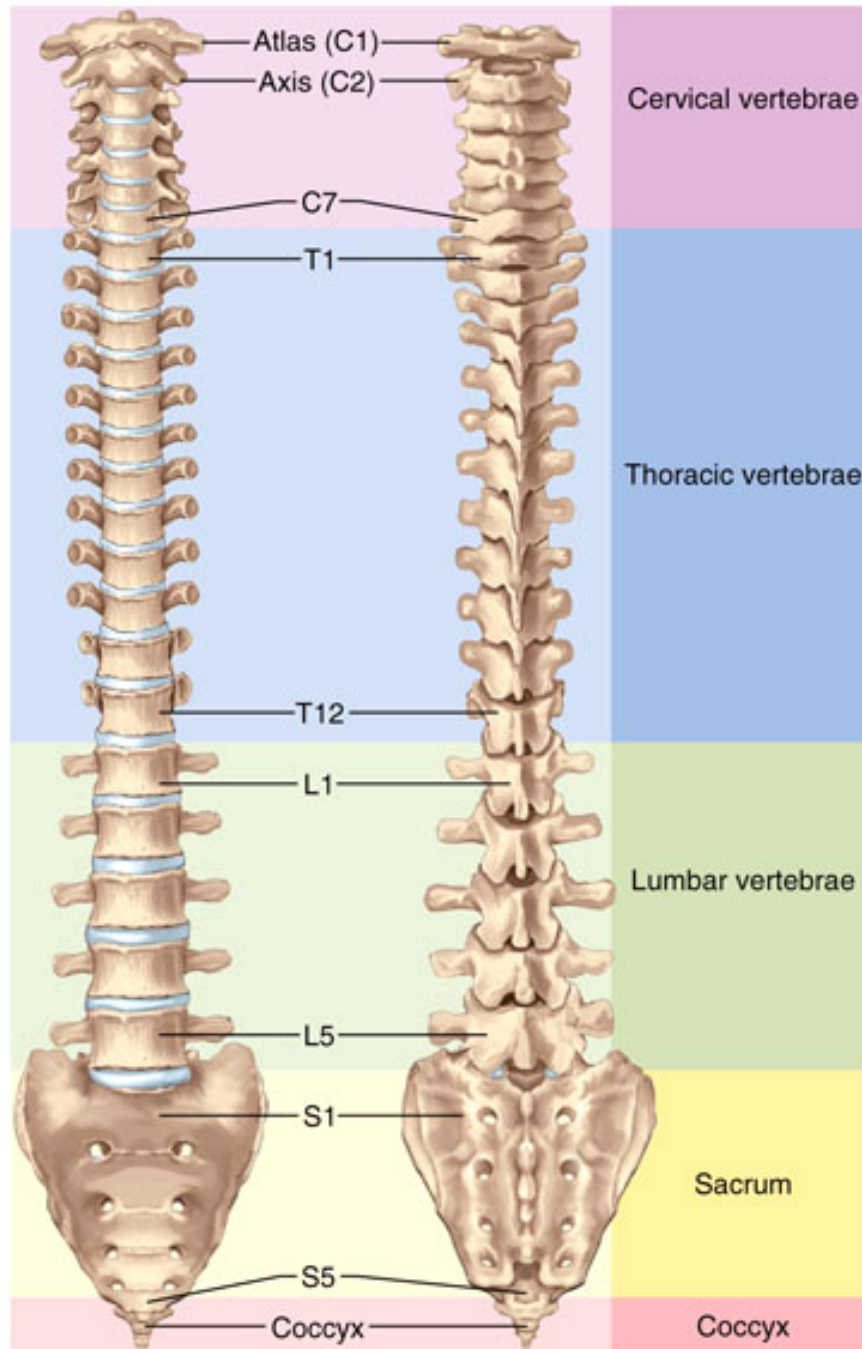
Vertebral Column

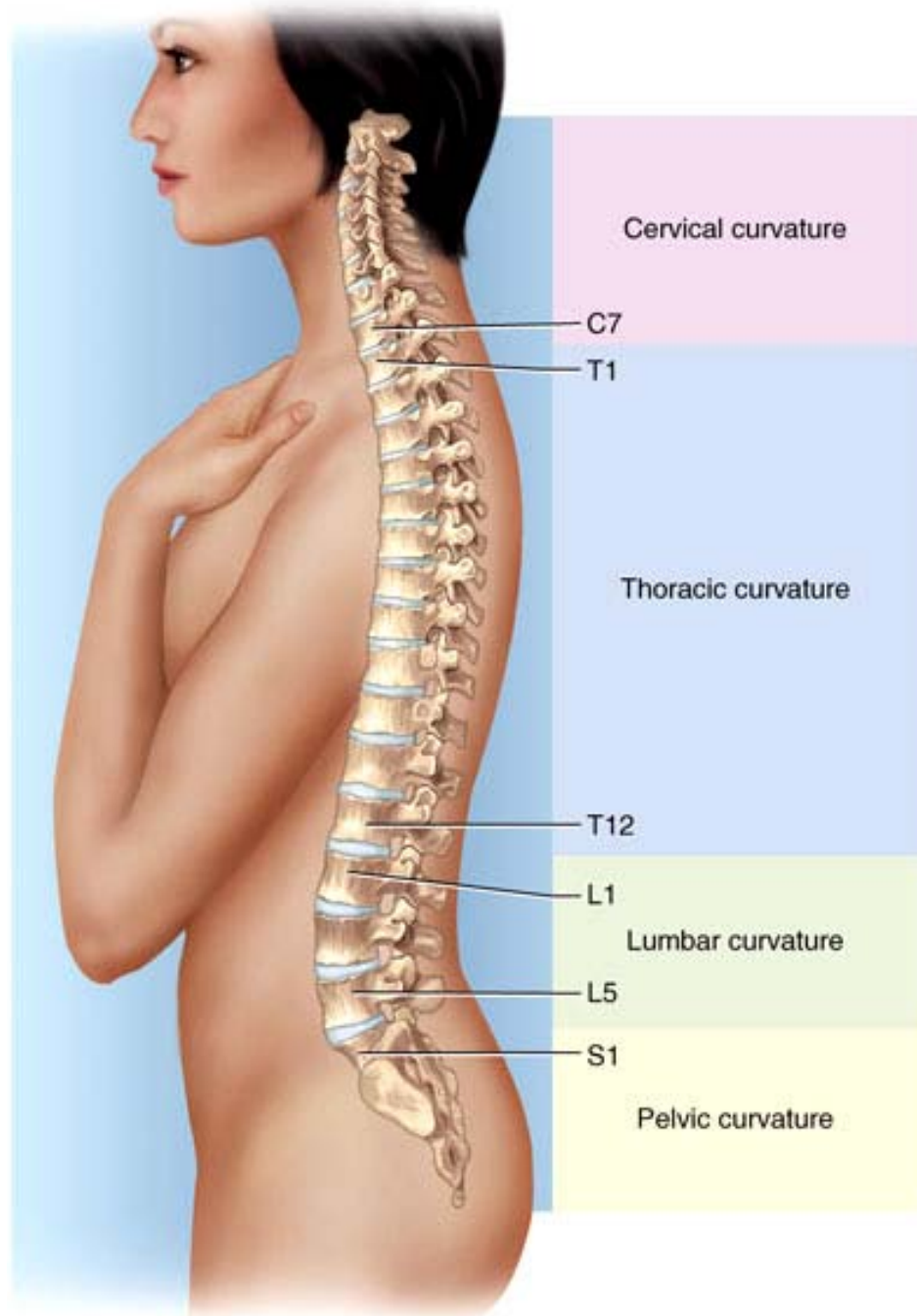




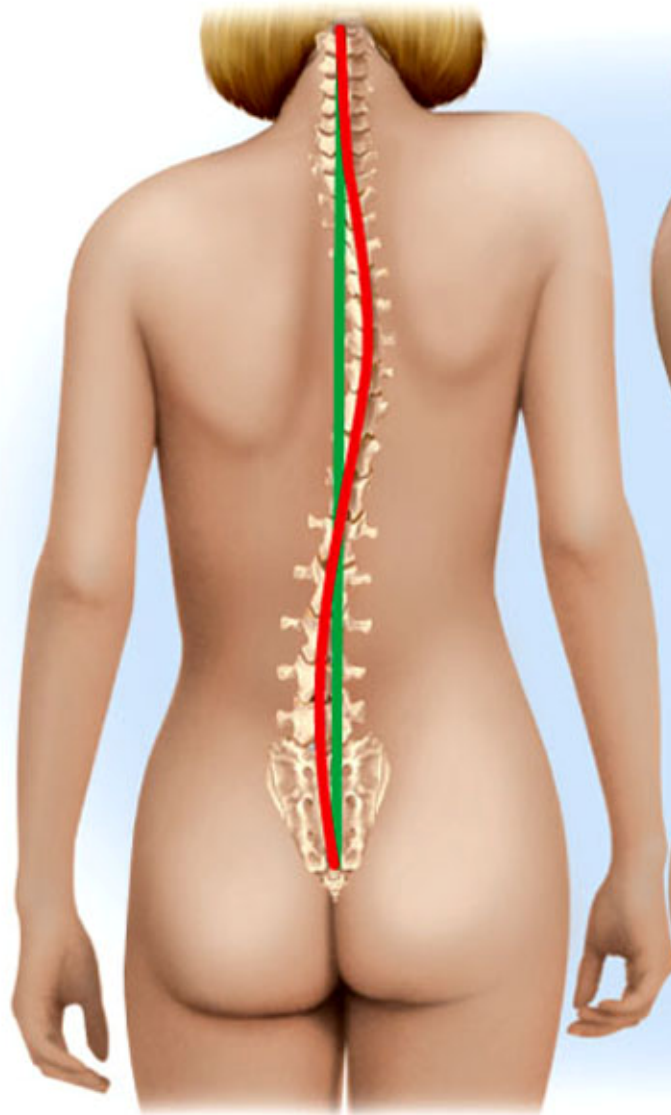
Anterior view

Posterior view





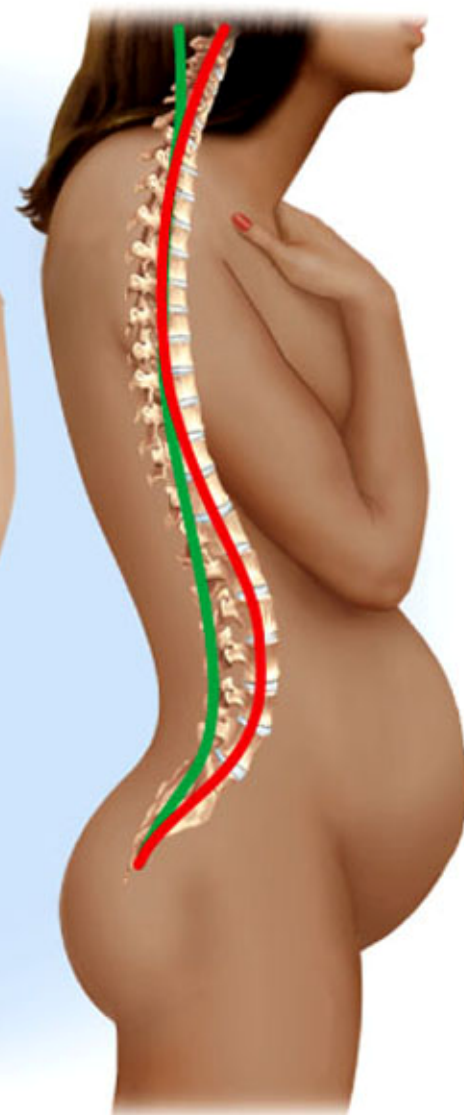




(a) Scoliosis



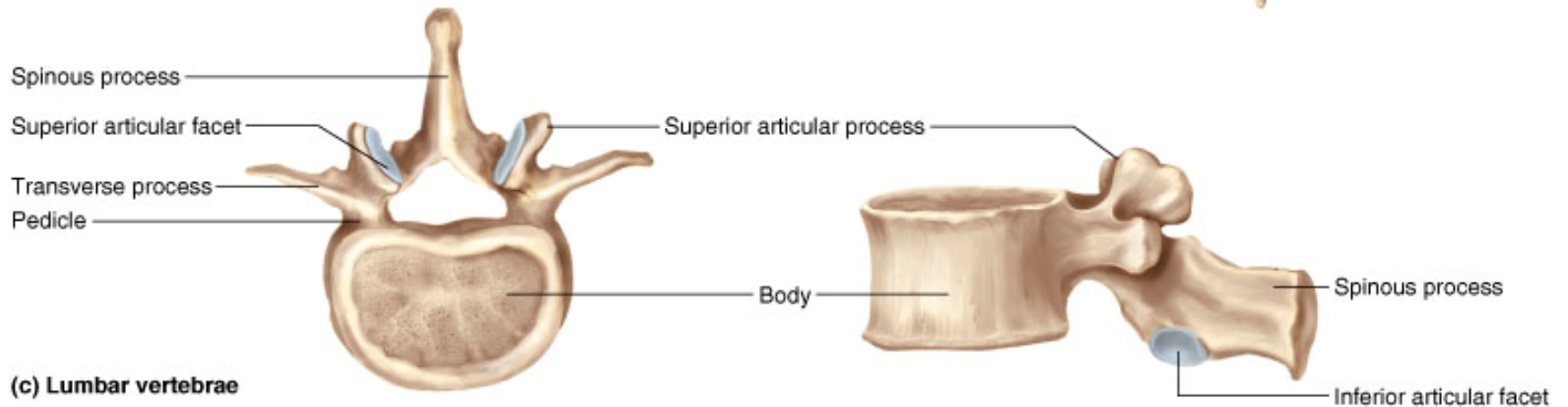
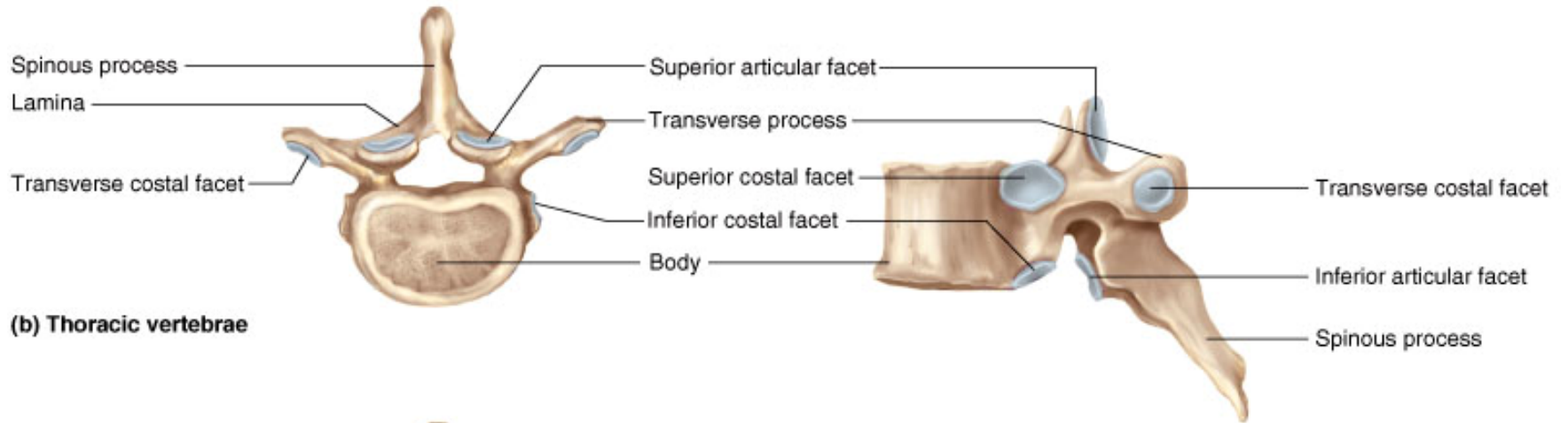
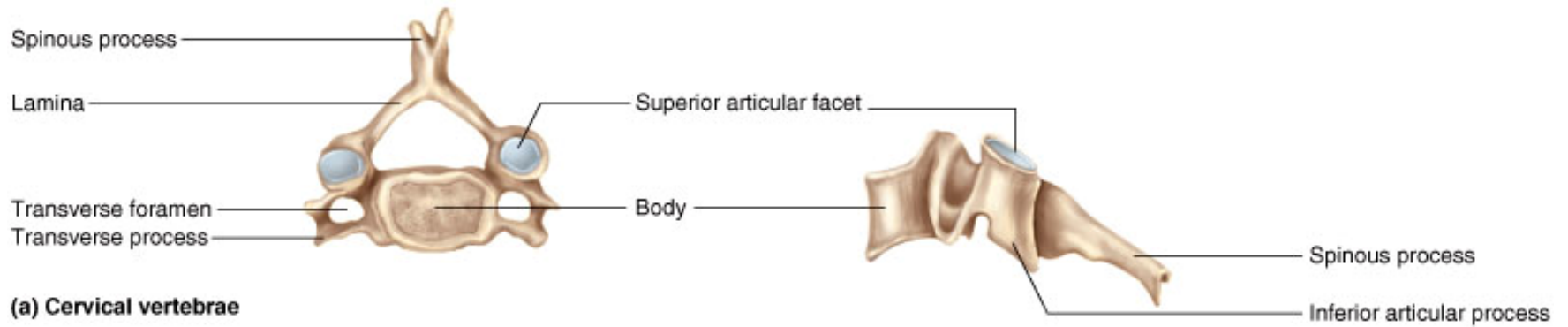
(b) Kyphosis
("hunchback")



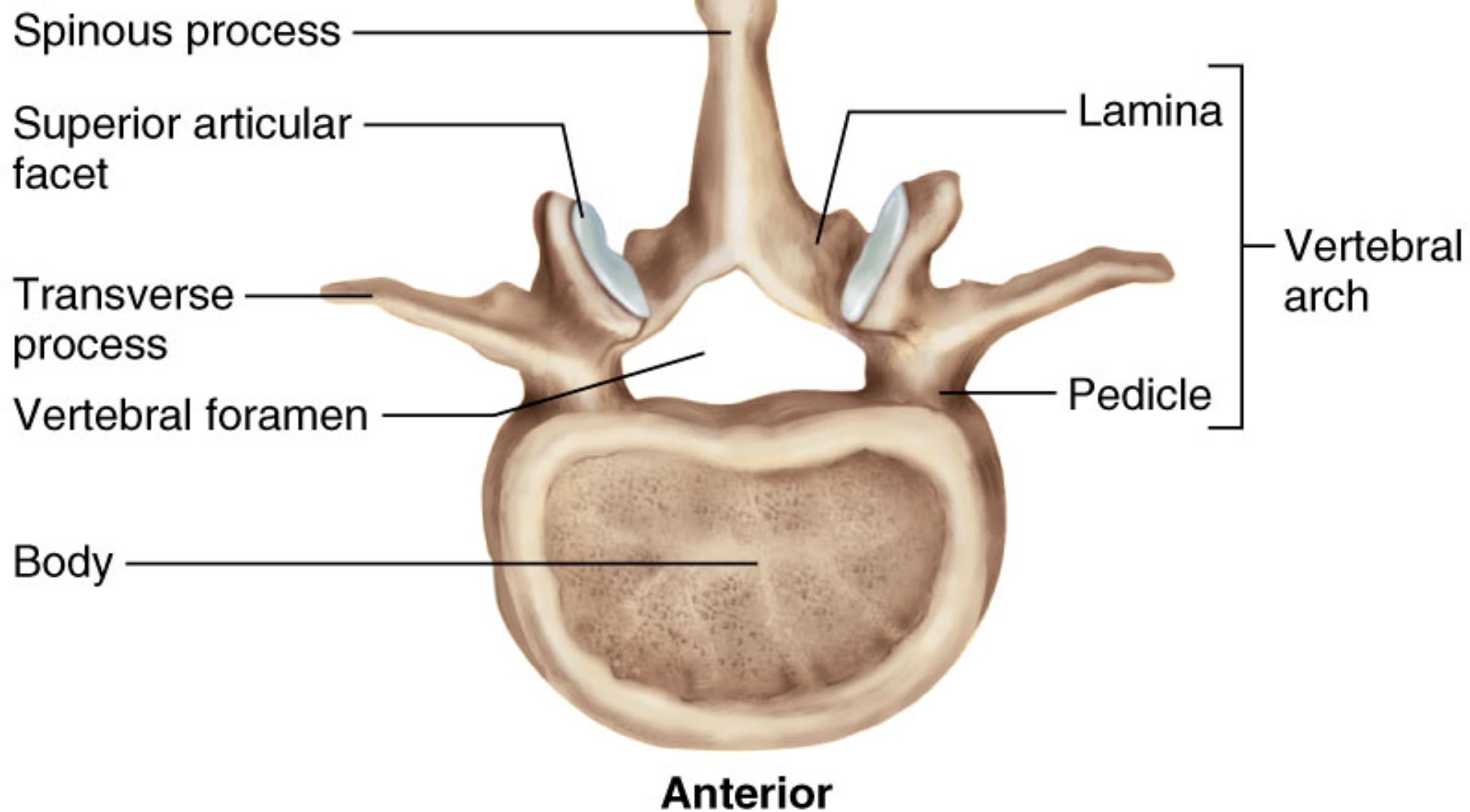
(c) Lordosis
("swayback")

Key

— Normal
— Pathological

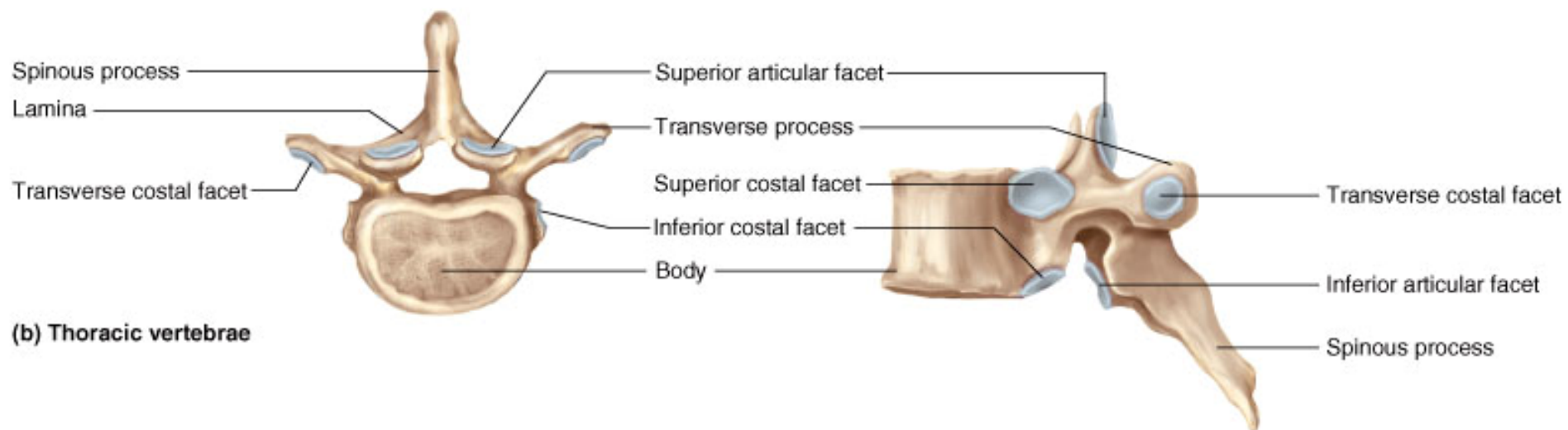


Posterior



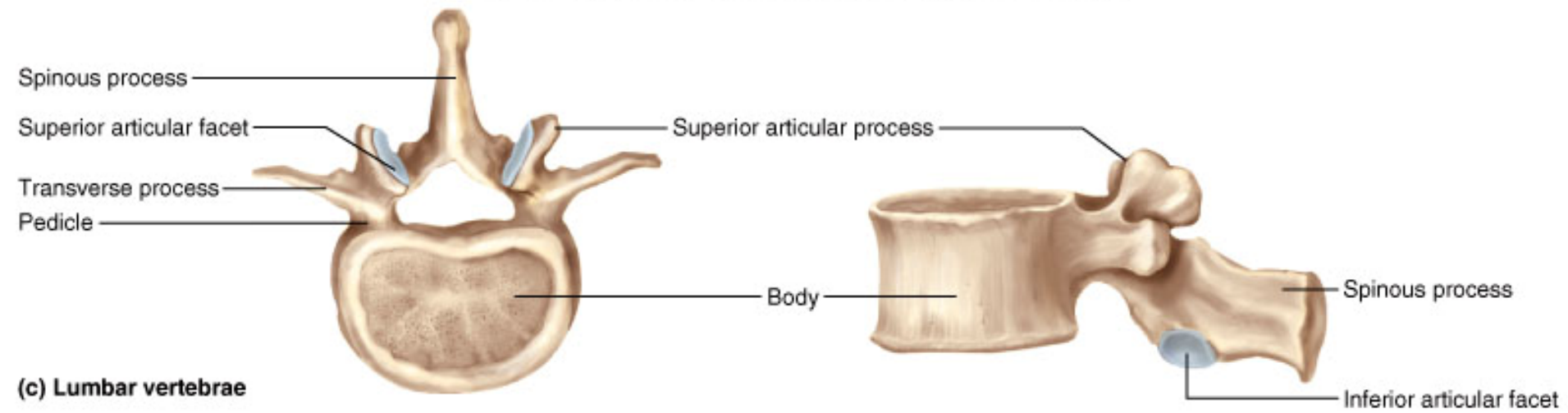
(a) 2nd lumbar vertebra (L2)

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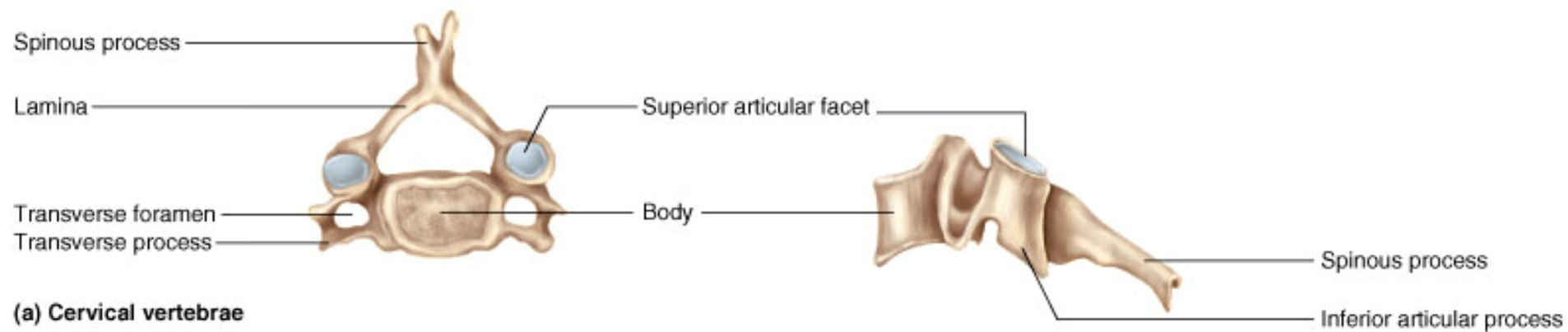


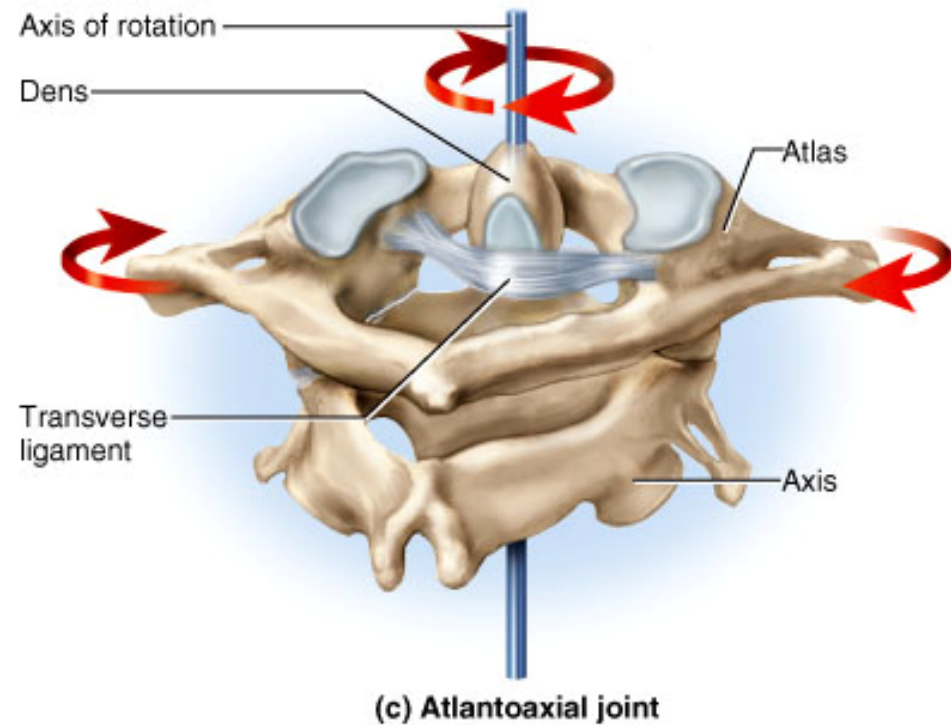
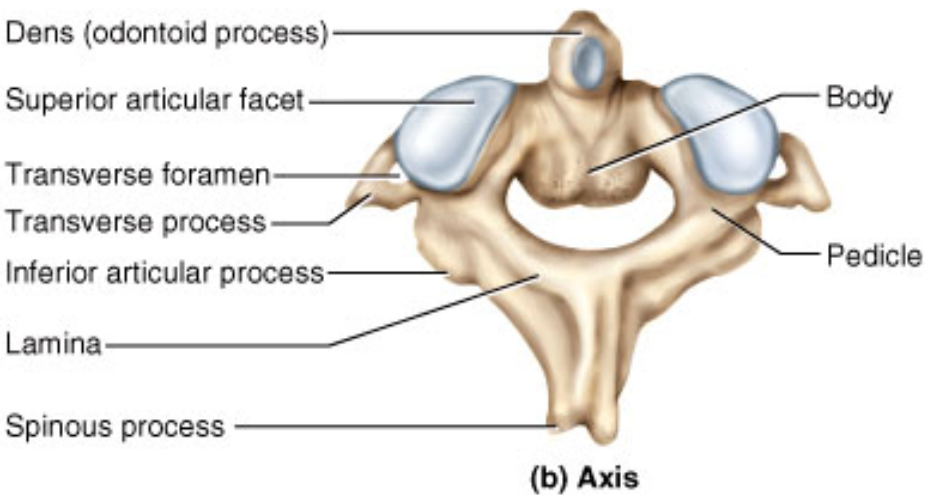
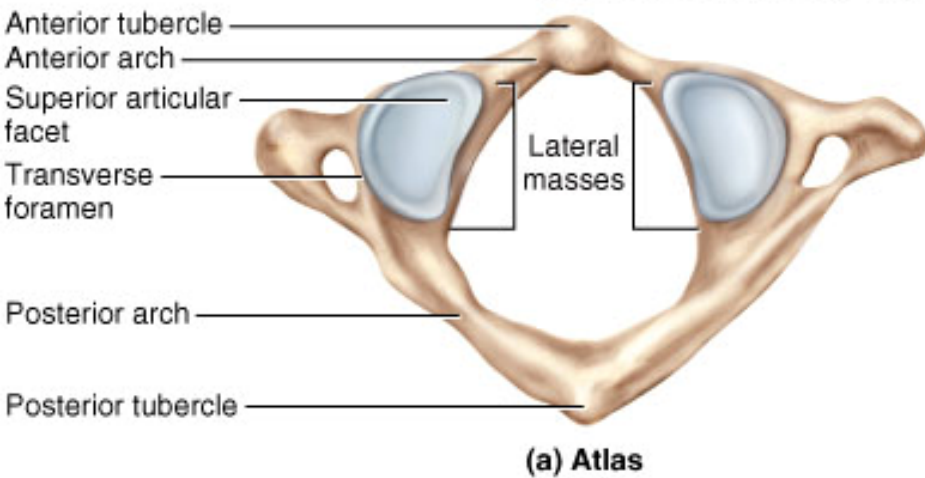
(b) Thoracic vertebrae

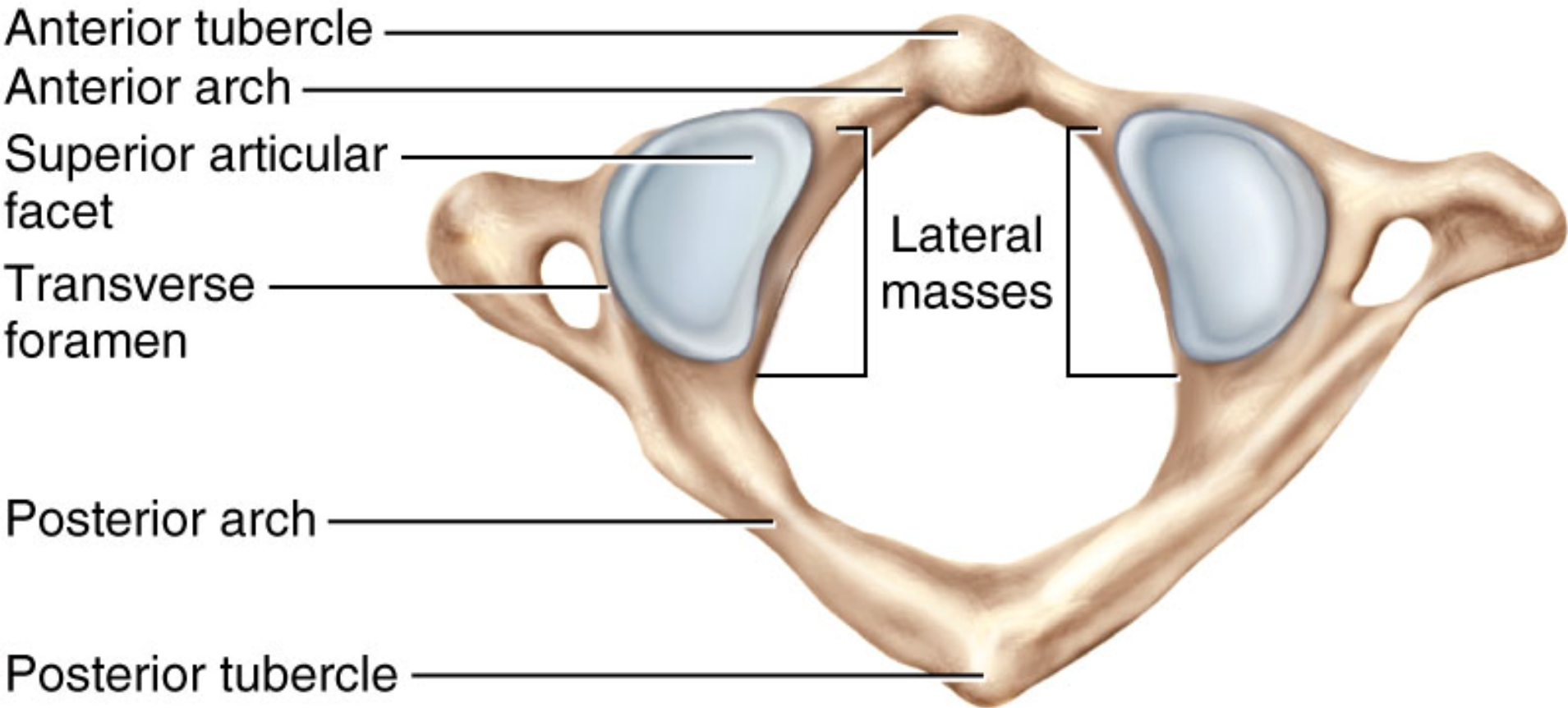
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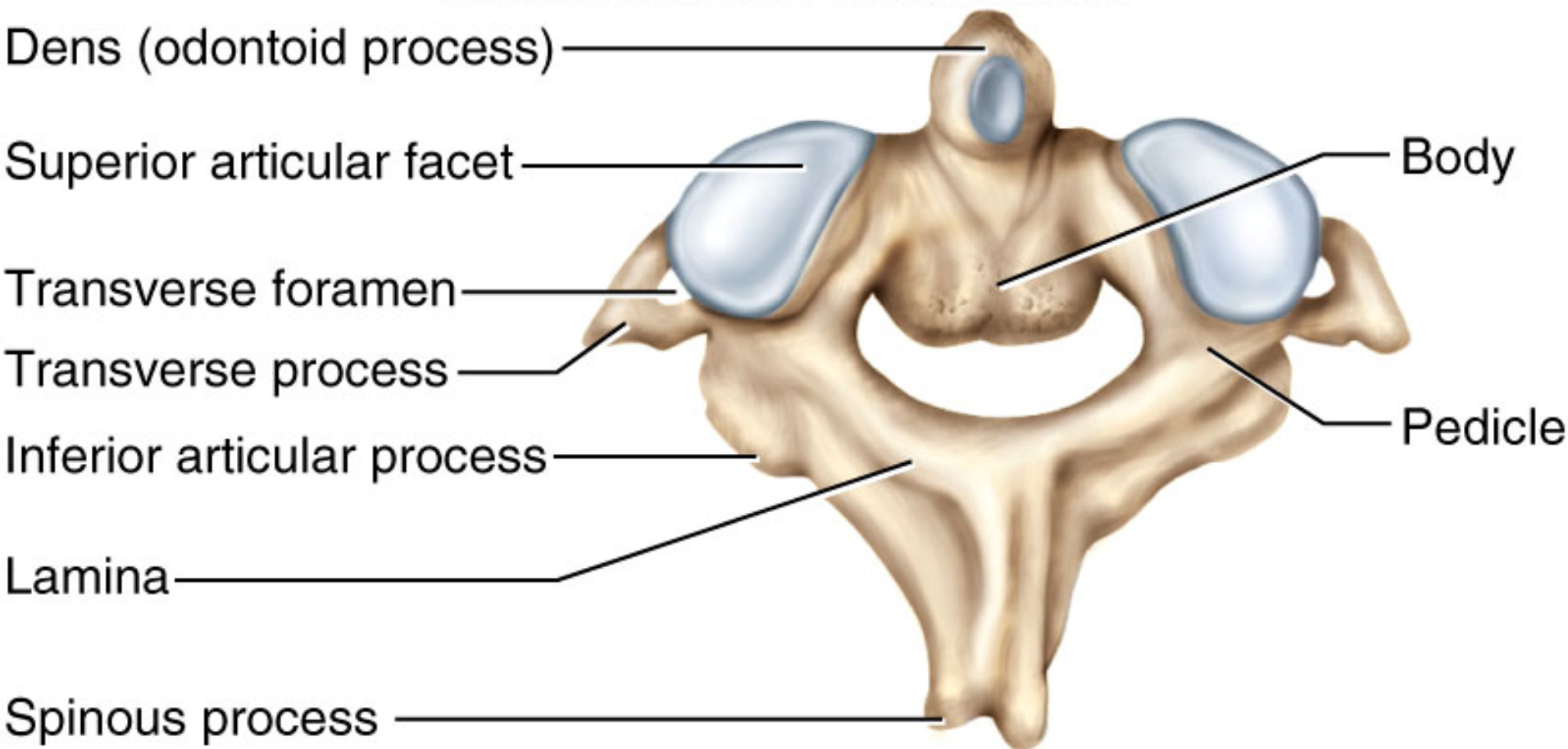
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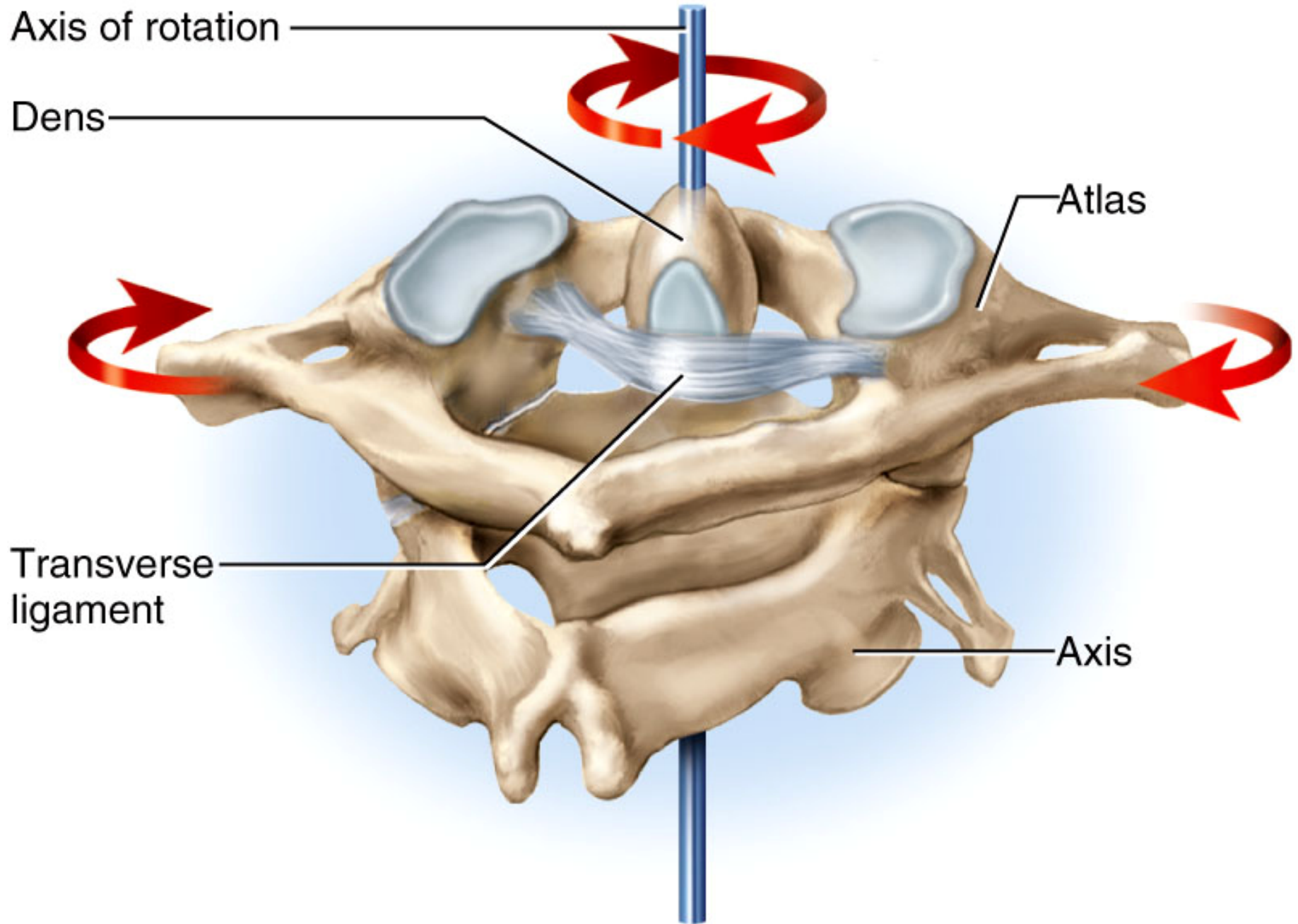




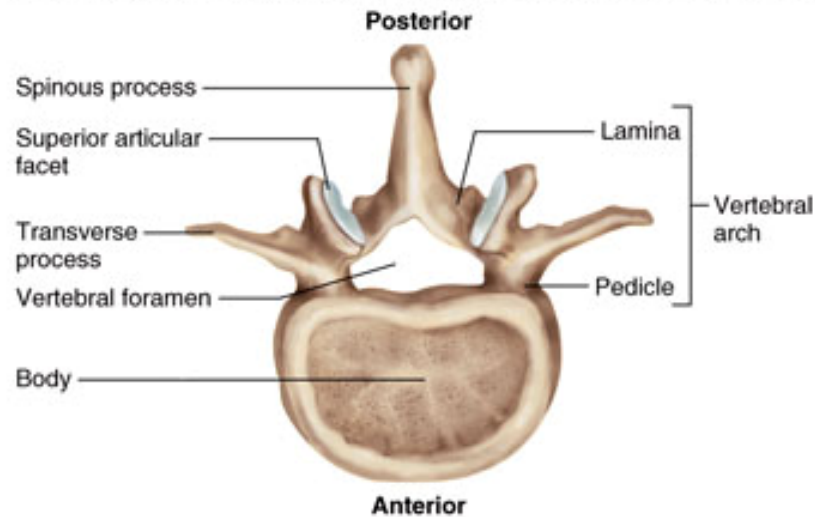
(a) Atlas



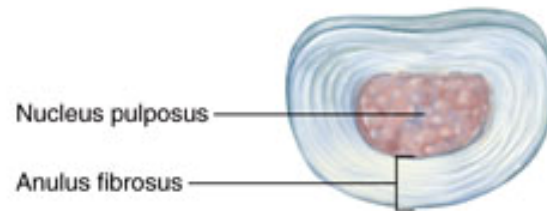
(b) Axis



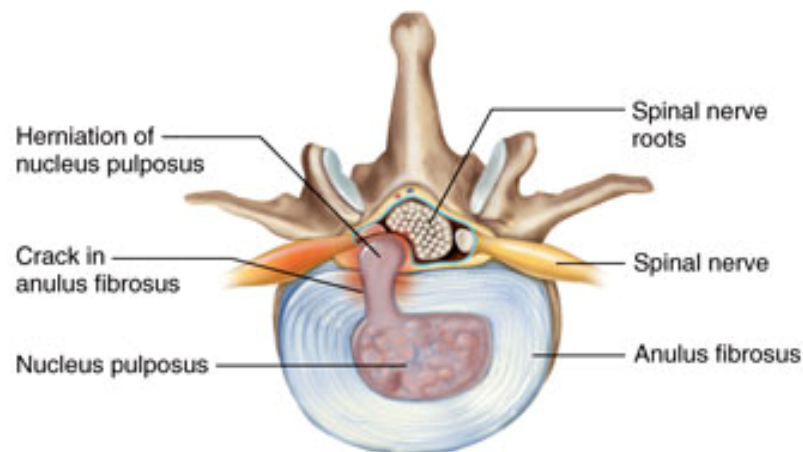
(c) Atlantoaxial joint



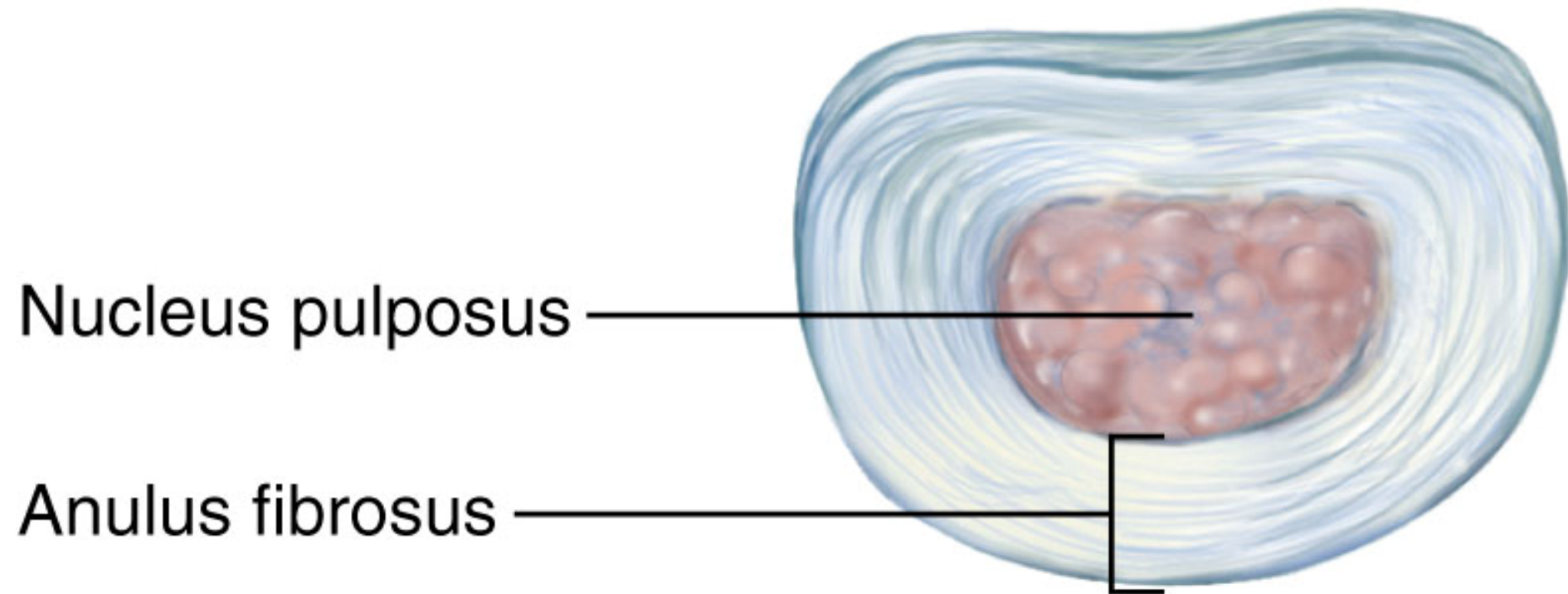
(a) 2nd lumbar vertebra (L2)



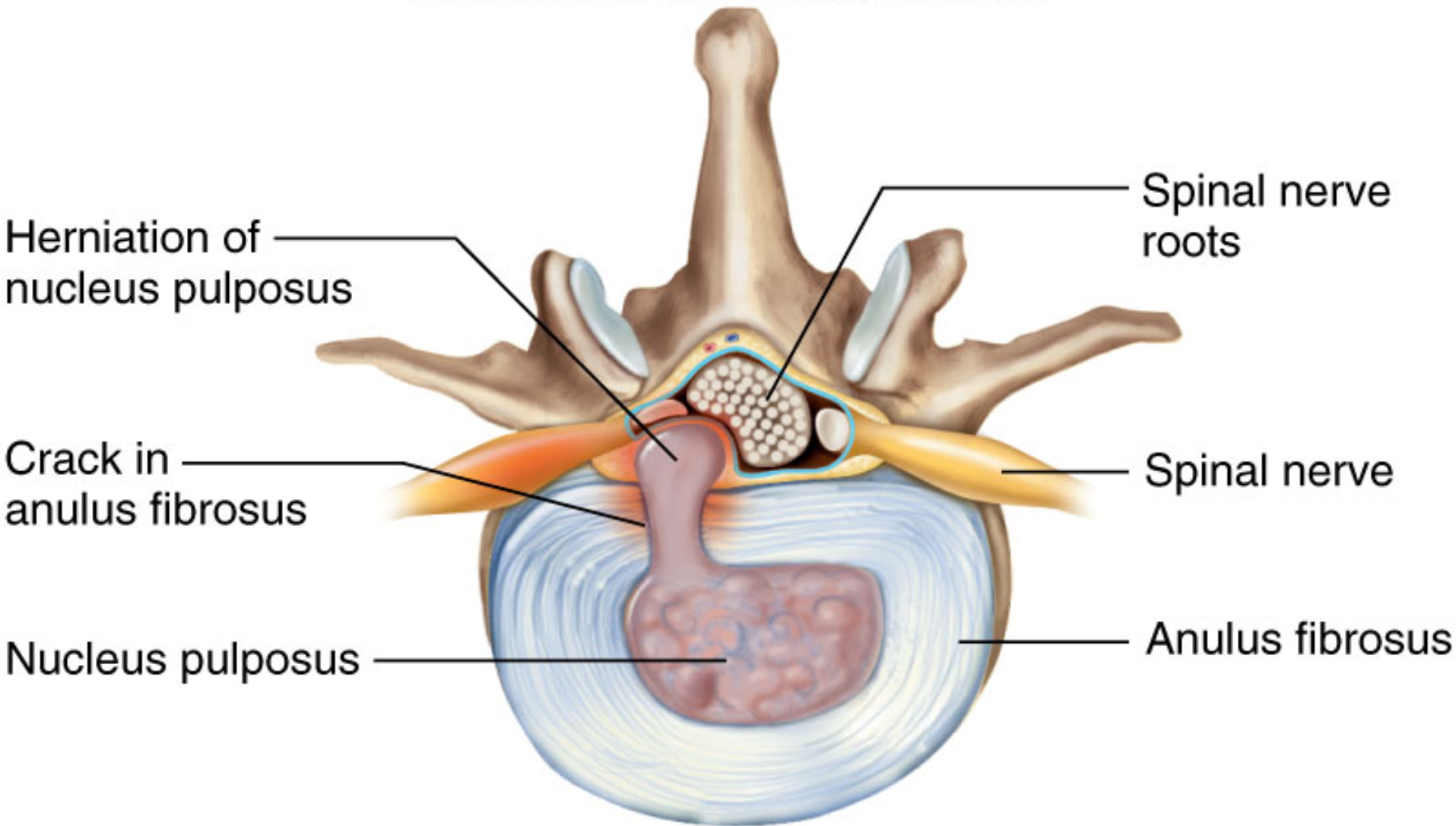
(b) Intervertebral disc



(c) Herniated disc

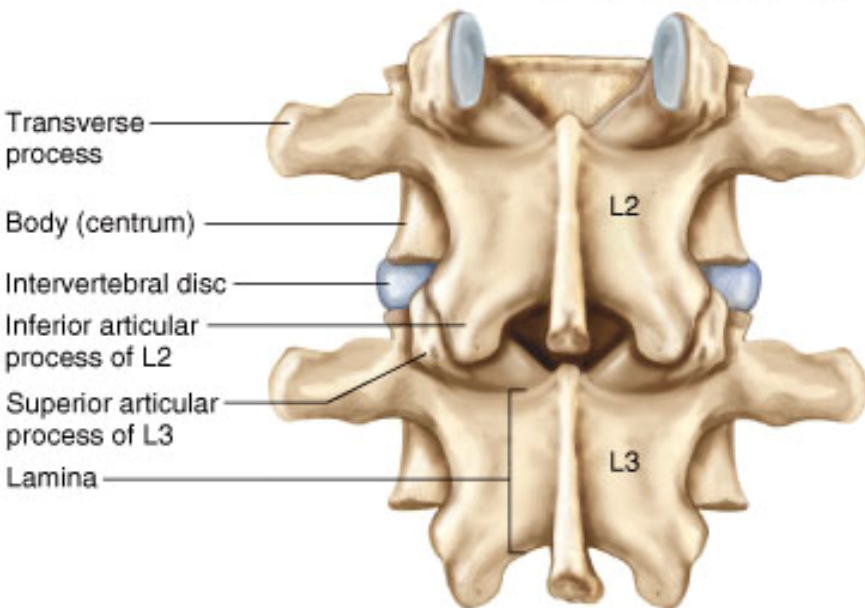


(b) Intervertebral disc

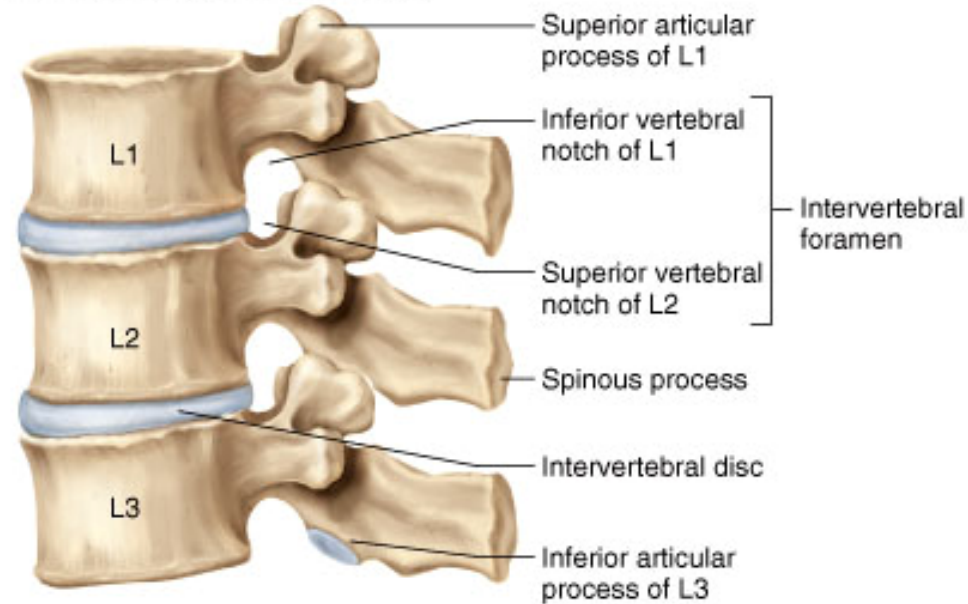


(c) Herniated disc

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(a) Posterior (dorsal) view



(b) Left lateral view

Transverse
process

Body (centrum)

Intervertebral disc

Inferior articular
process of L2

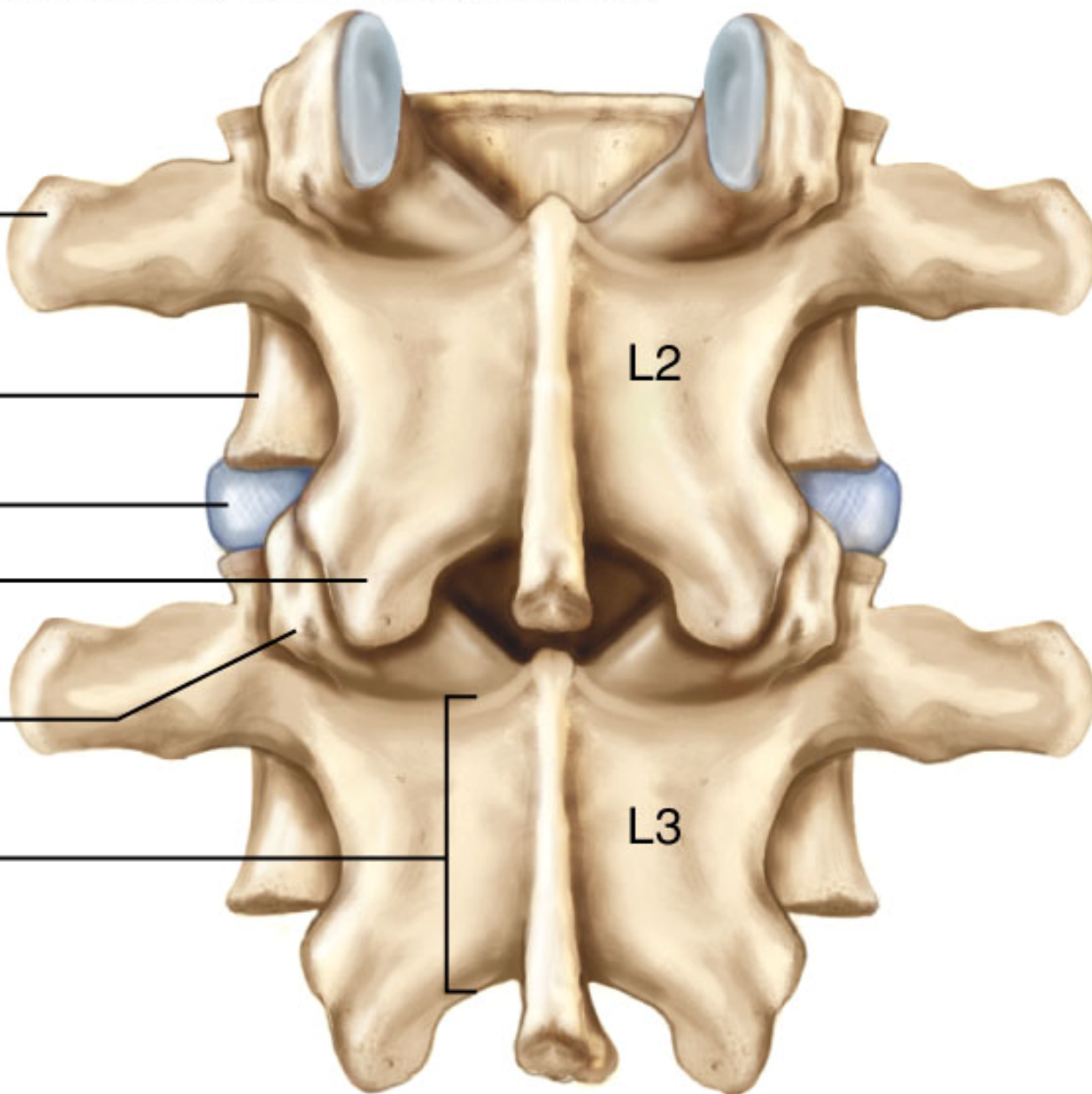
Superior articular
process of L3

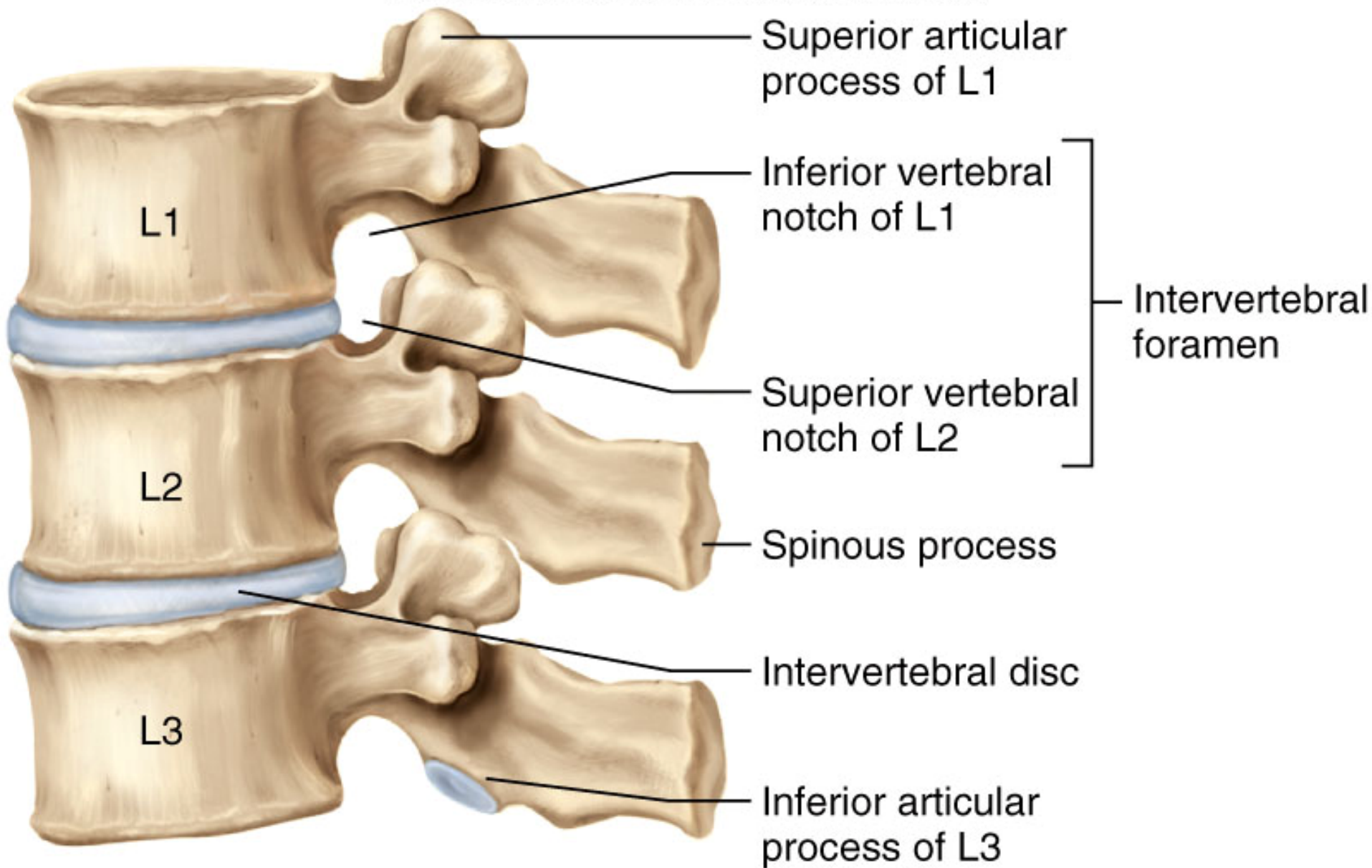
Lamina

L2

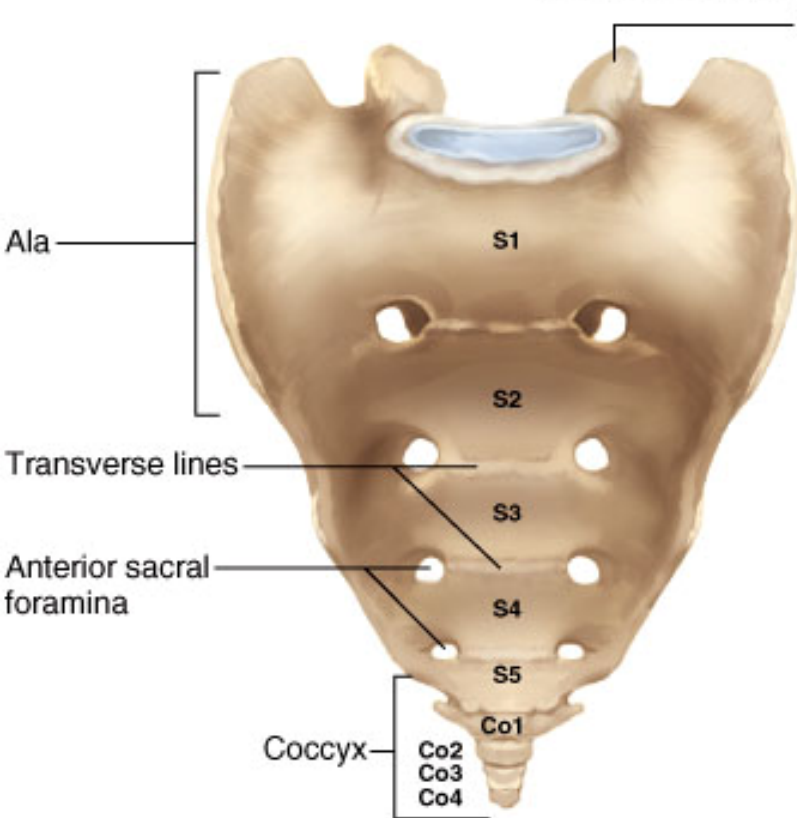
L3

(a) Posterior (dorsal) view

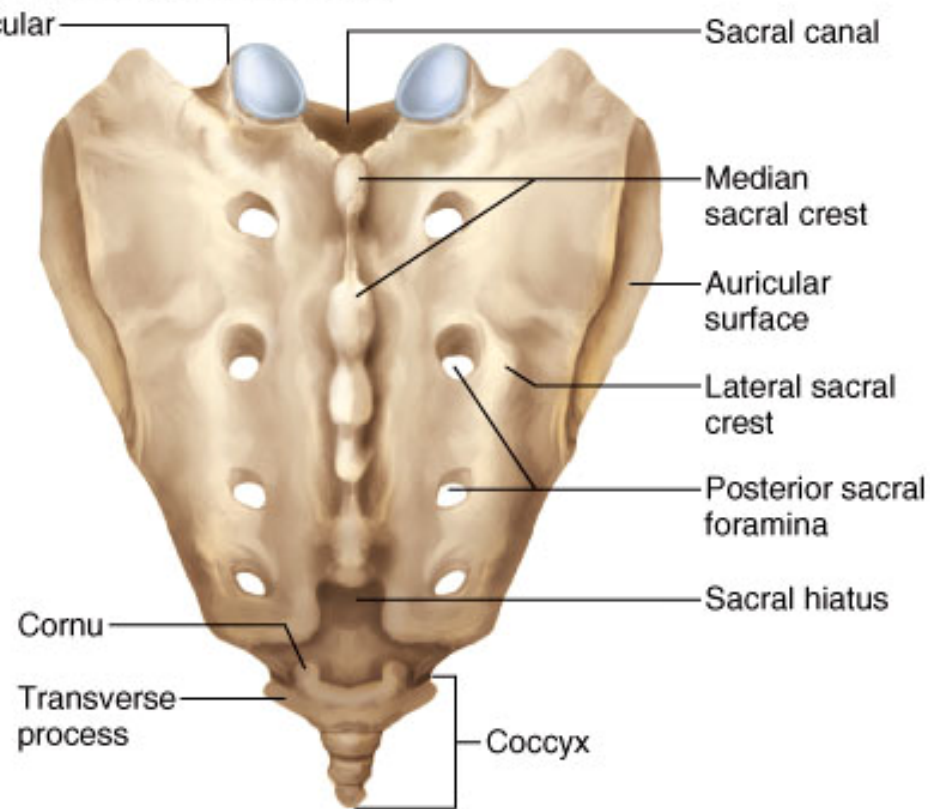




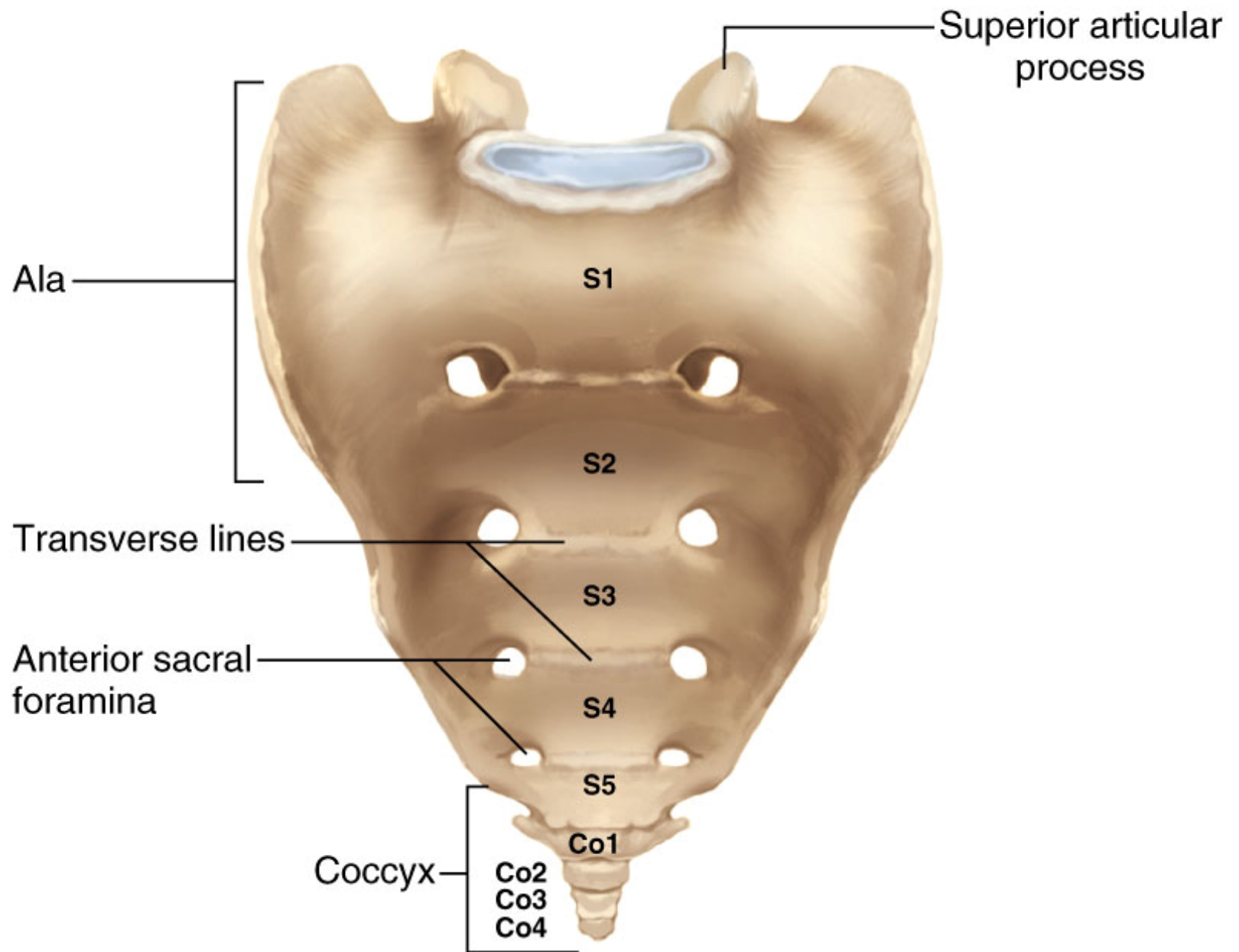
(b) Left lateral view



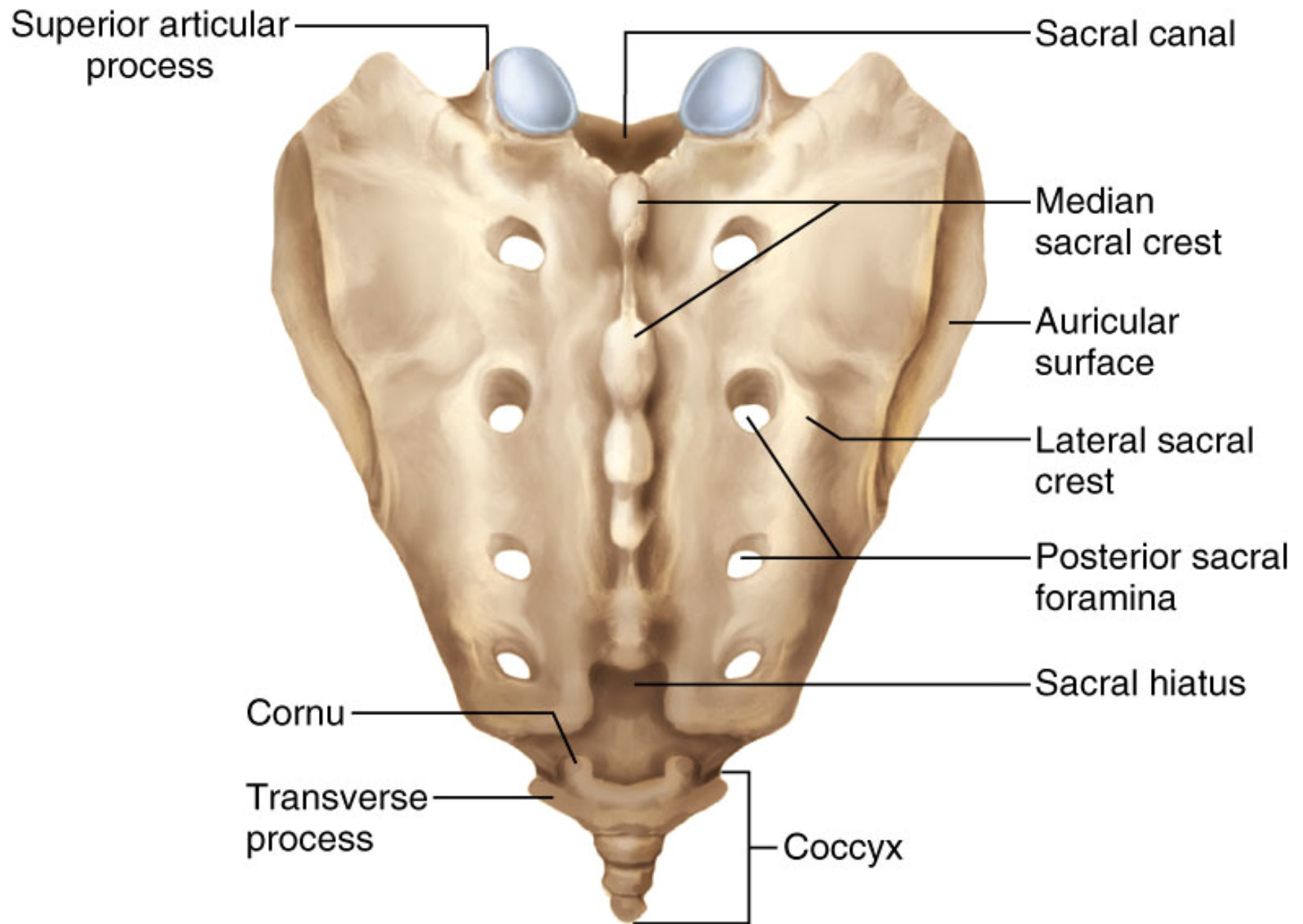
(a) Anterior view



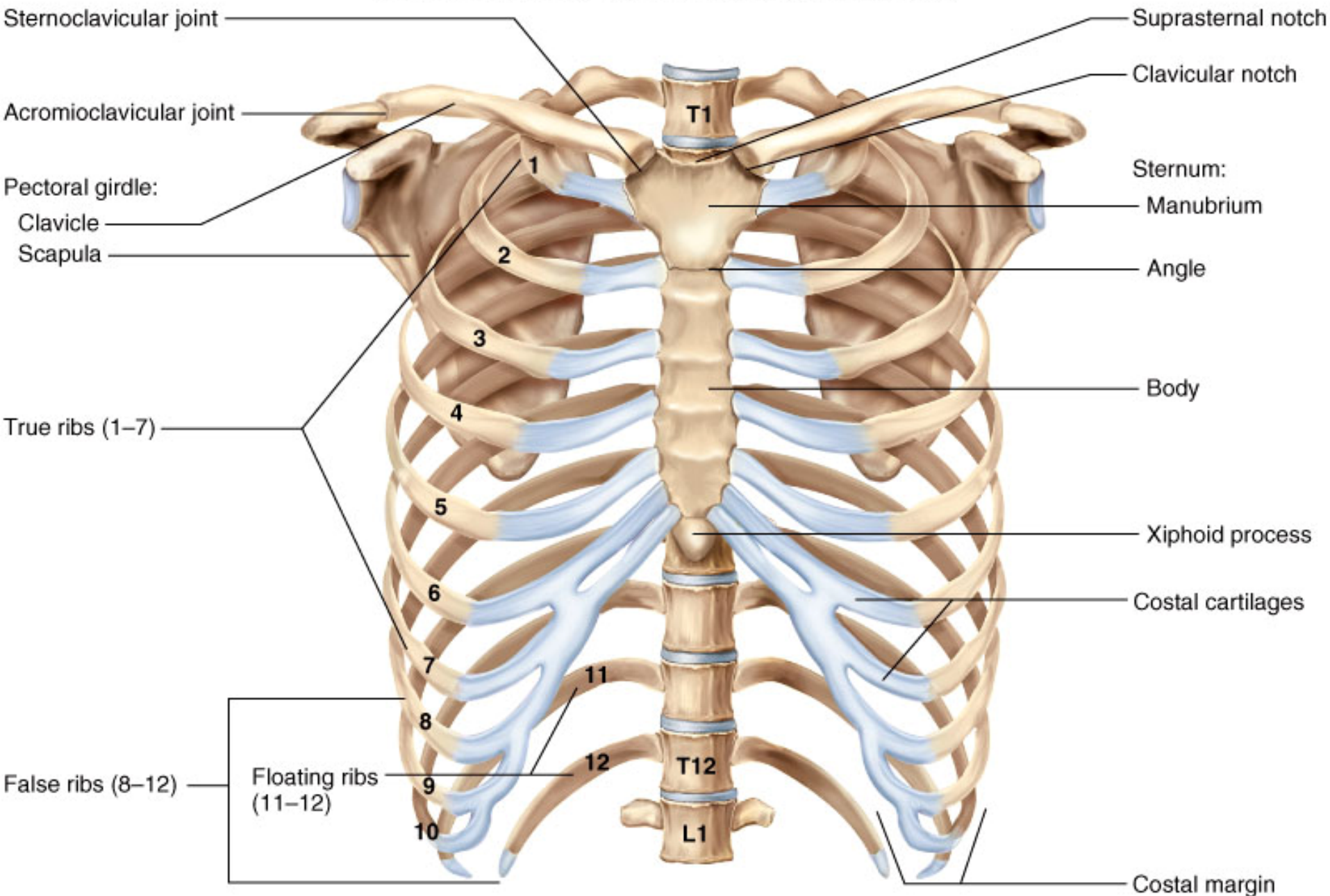
(b) Posterior view



(a) Anterior view

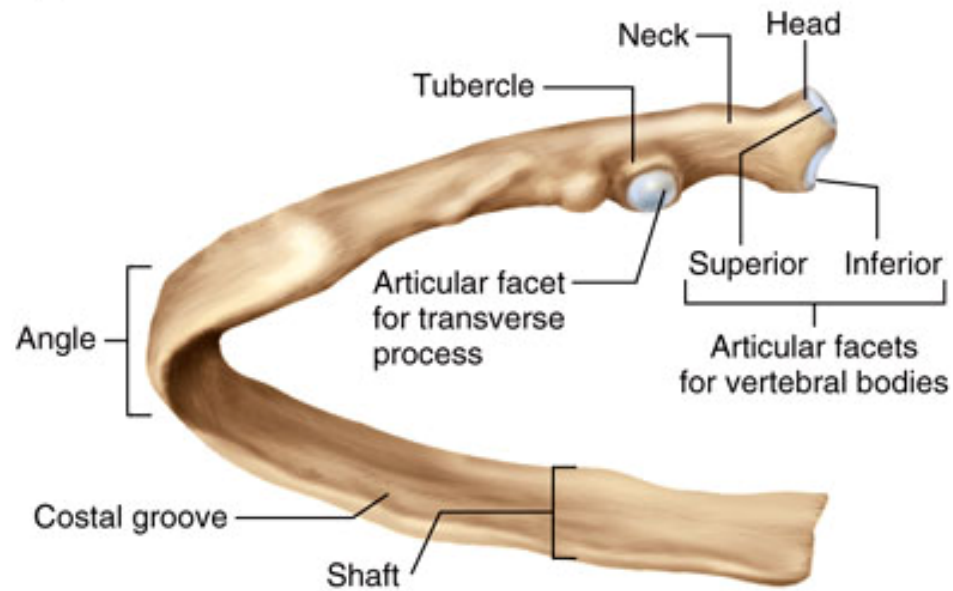


(b) Posterior view





(a) Rib 1

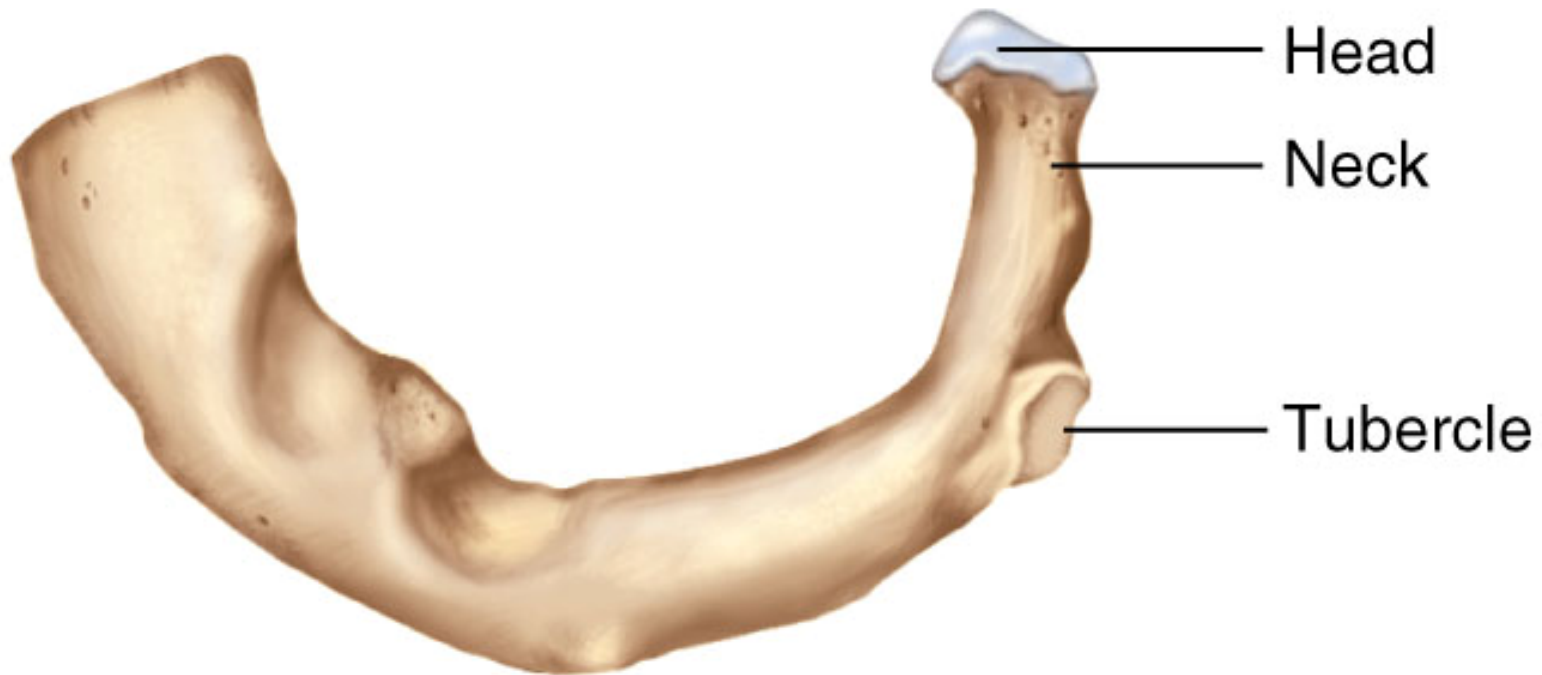


(b) Ribs 2-10

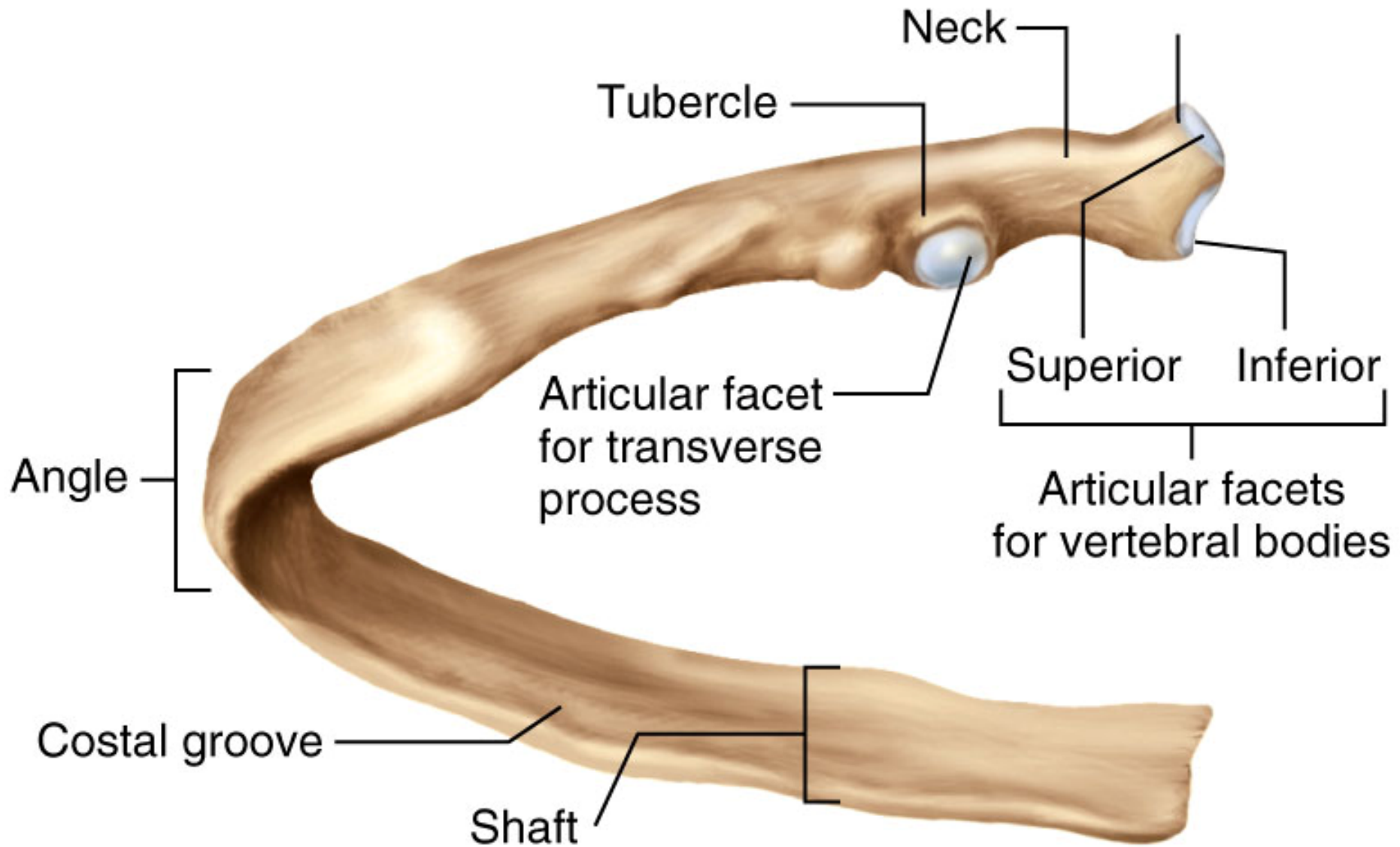


(c) Ribs 11-12

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(a) Rib 1

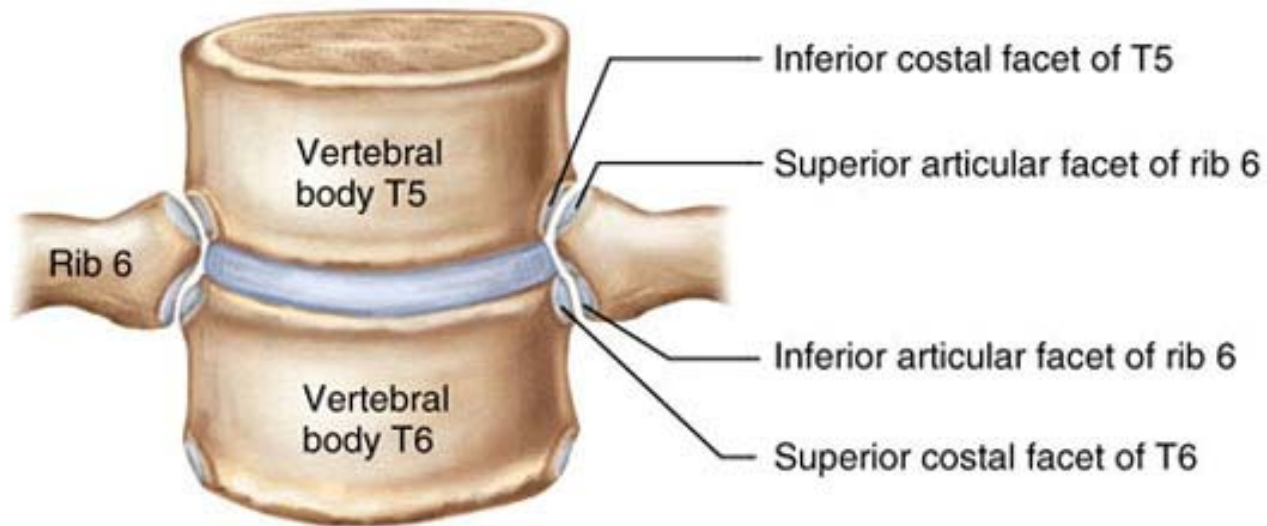


(b) Ribs 2-10

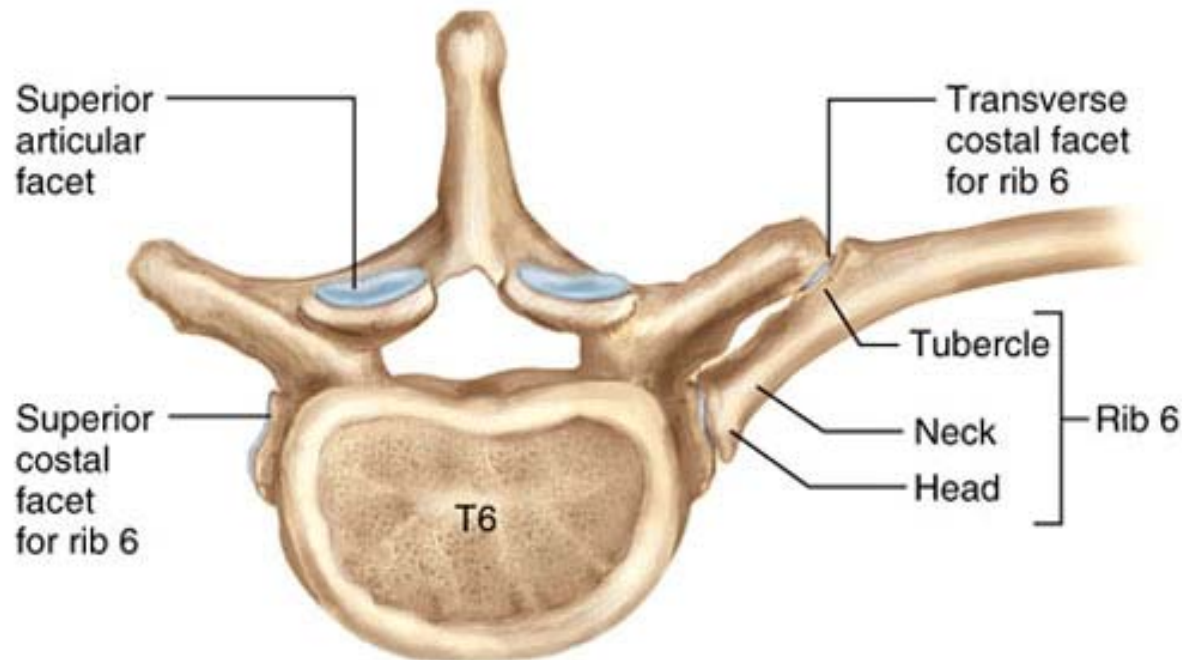
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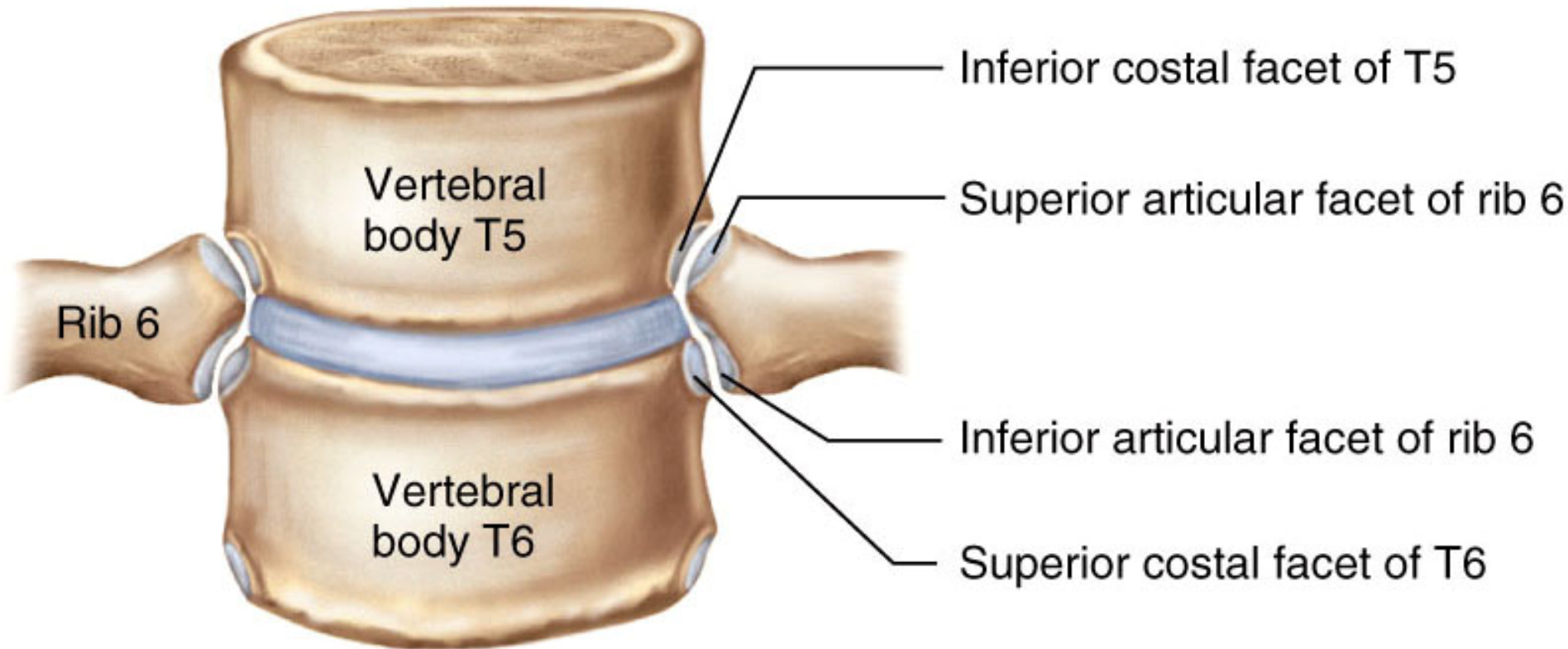
(c) Ribs 11–12



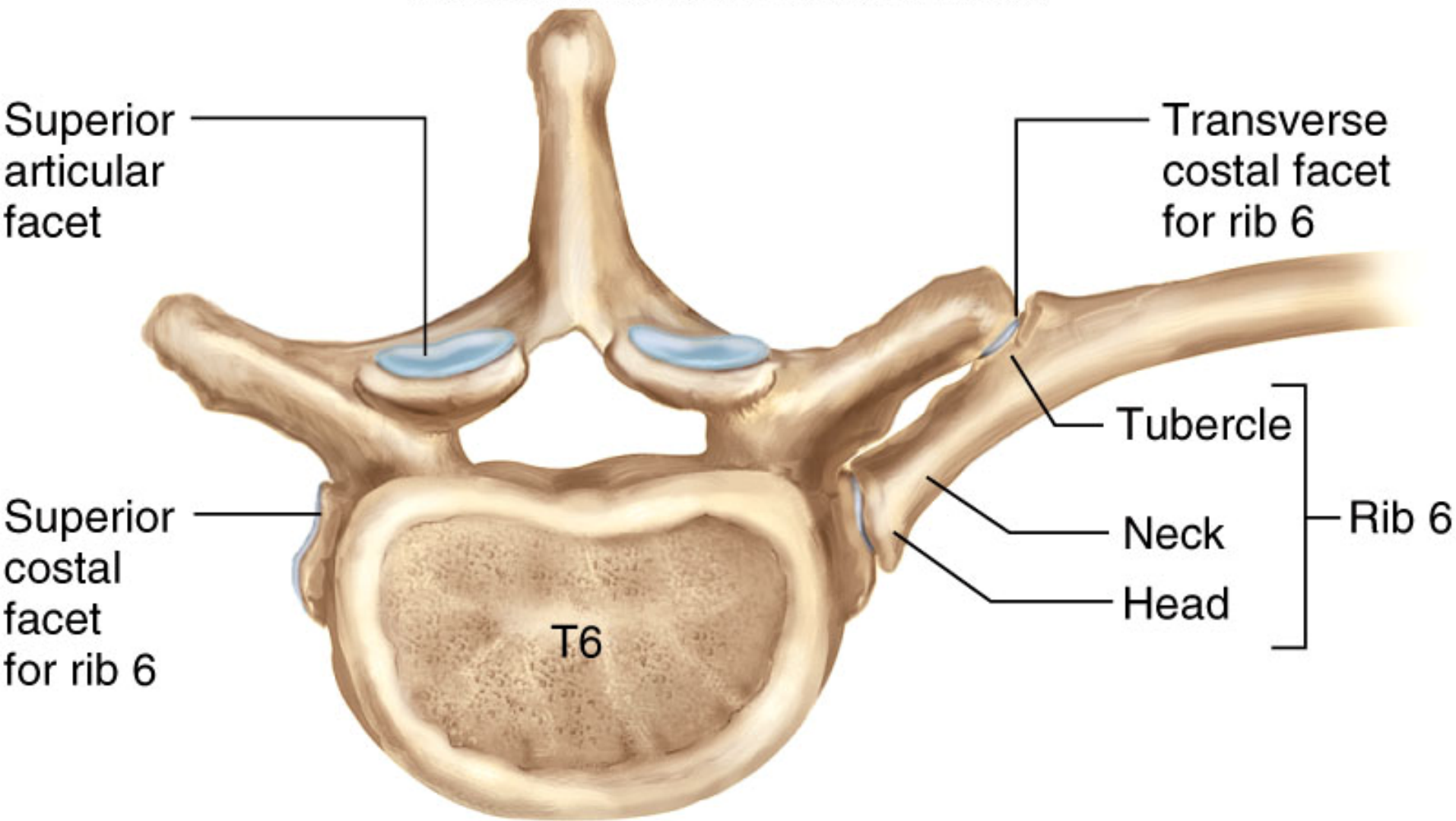
(a) Anterior view



(b) Superior view



(a) Anterior view



(b) Superior view

Scapula

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(a) Anterior view



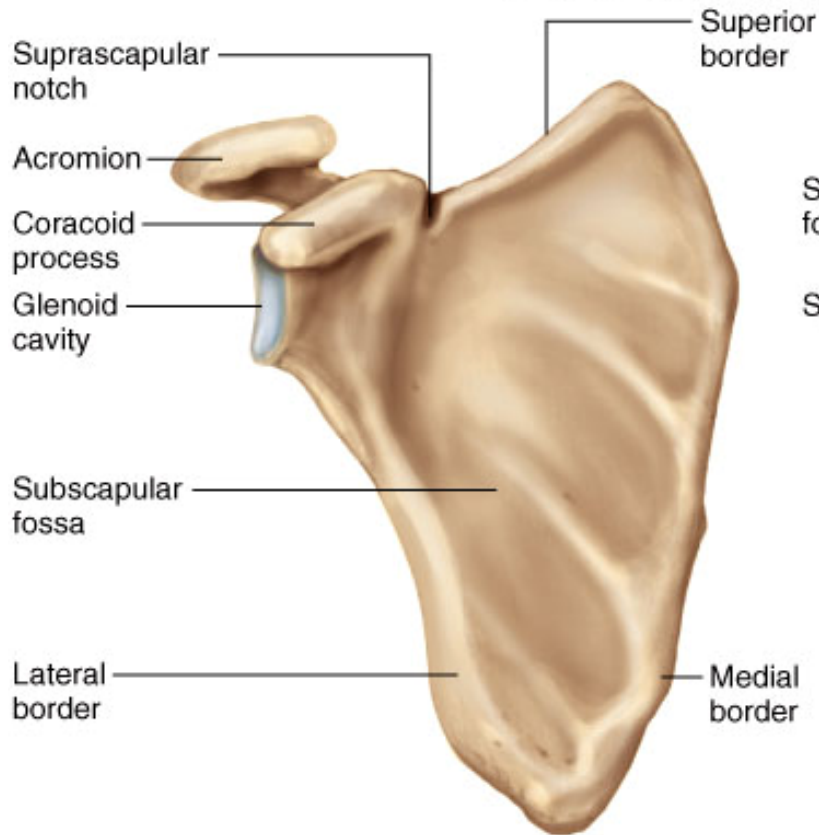
(b) Posterior view



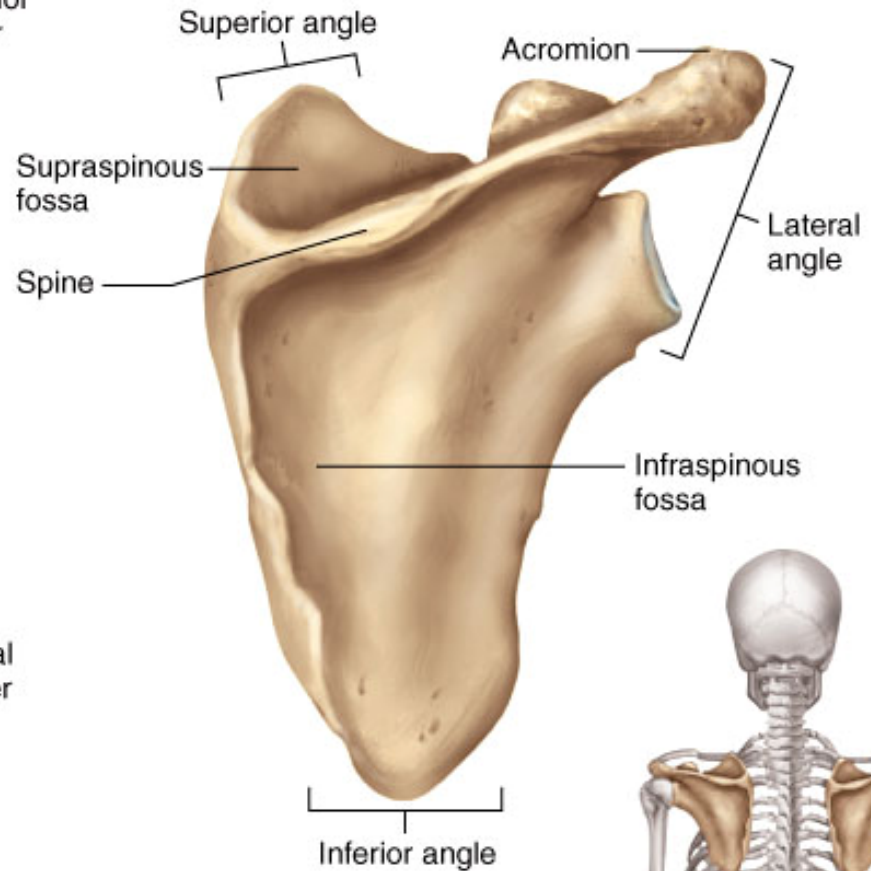
- Triangular plate overlies ribs 2 to 7
- Spine ends as acromion process
- Coracoid process = muscle attachment
- Subscapular, infraspinous and supraspinous fossa
- Glenoid fossa = socket for head of humerus

Scapular Features

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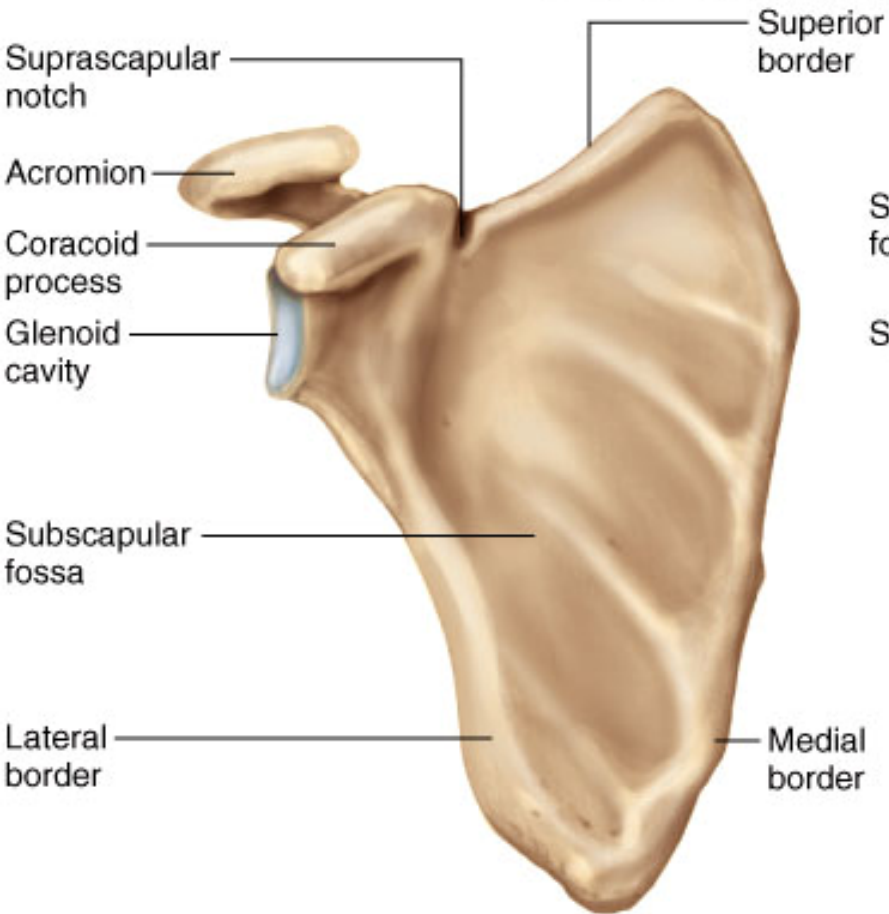


(a) Anterior view

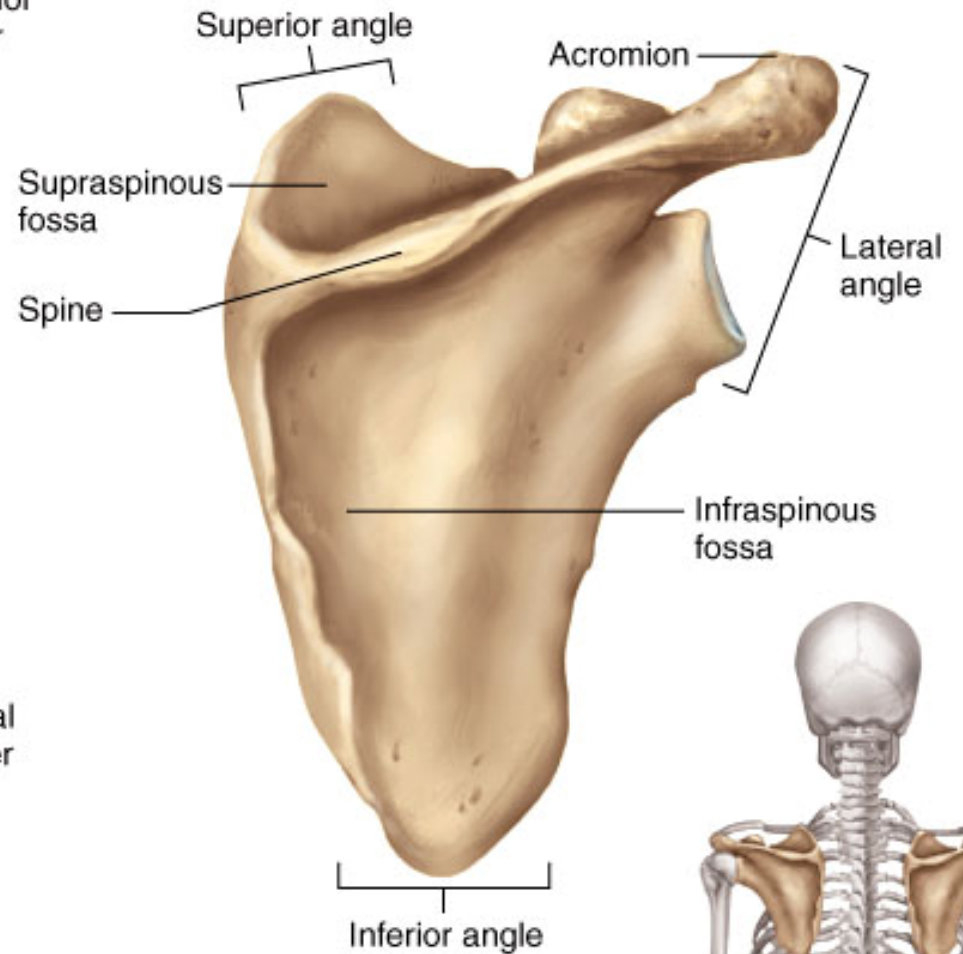


(b) Posterior view



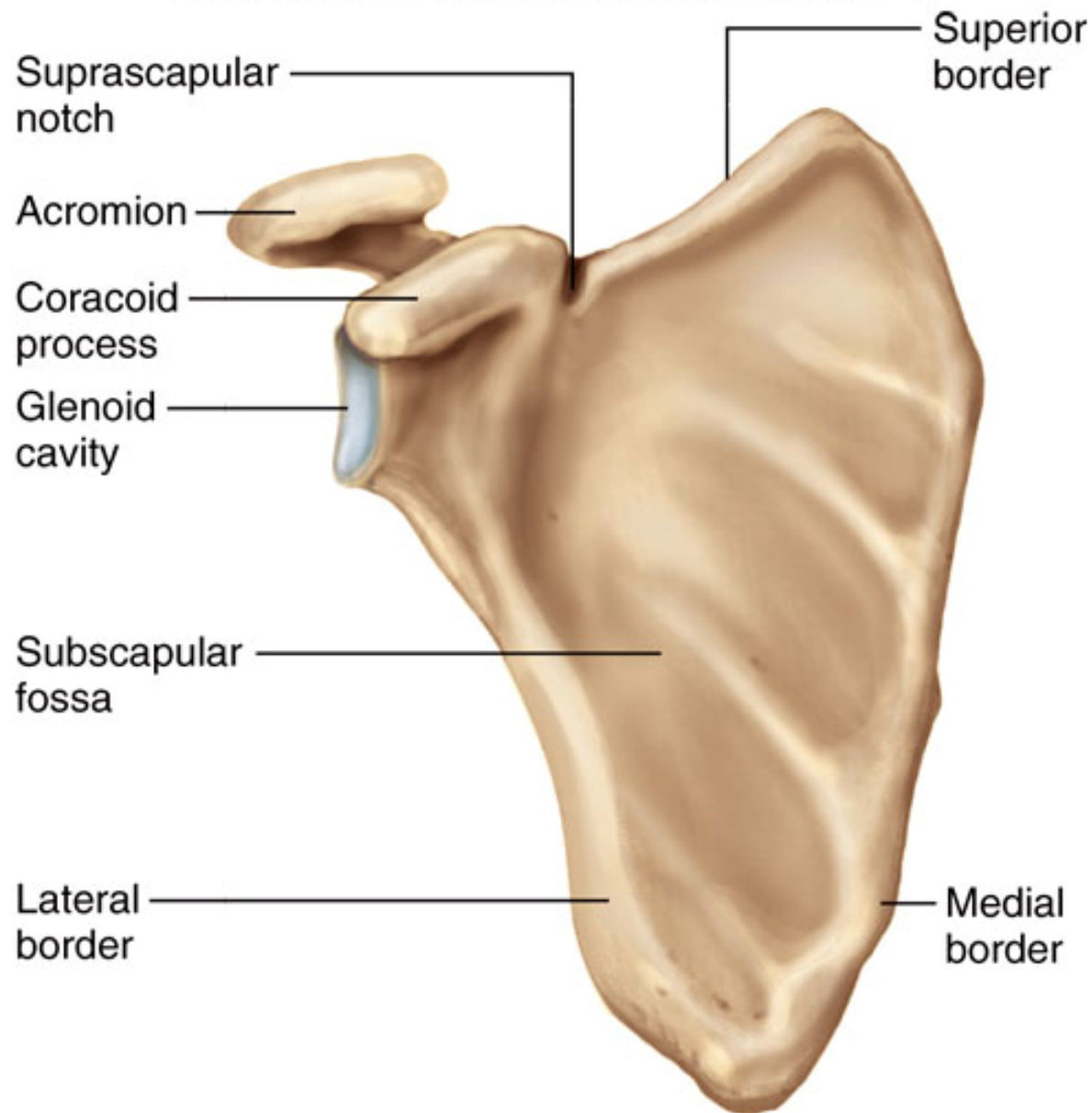


(a) Anterior view

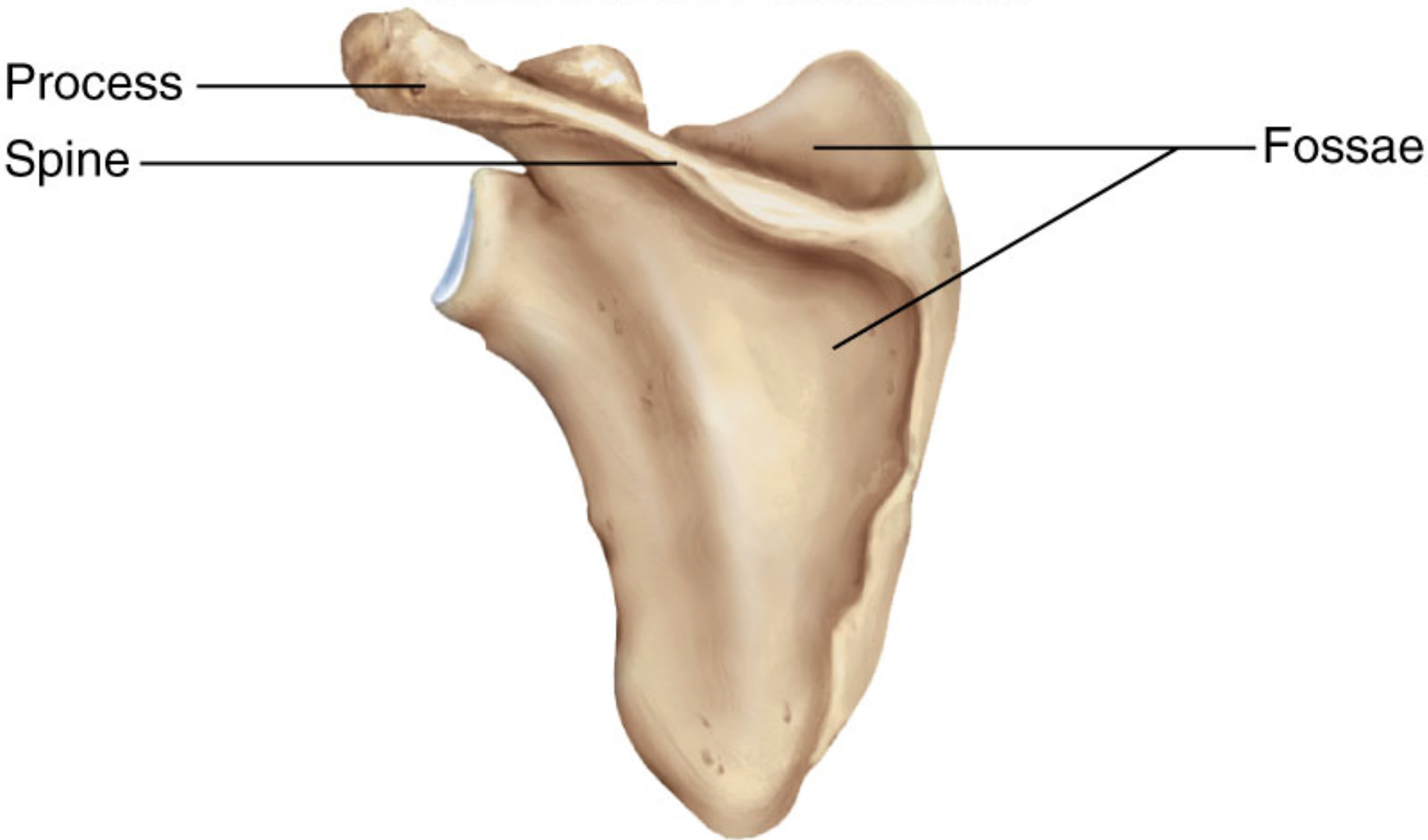


(b) Posterior view

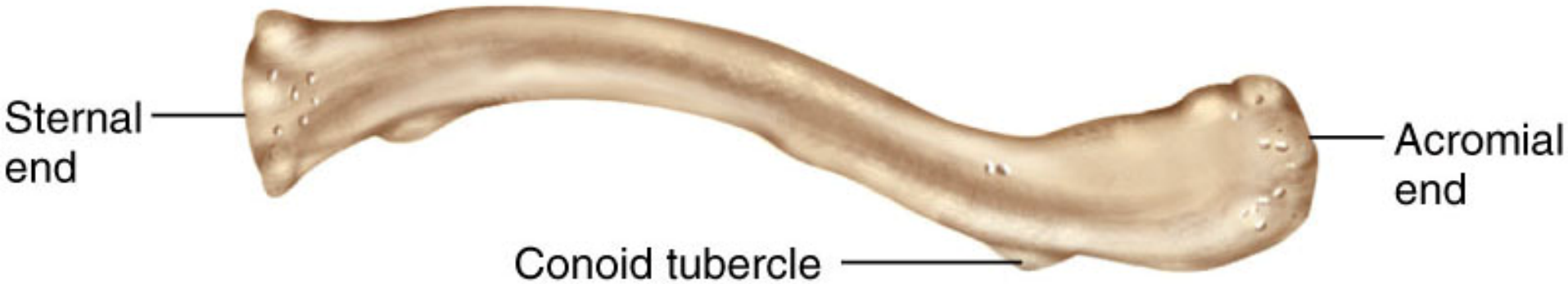




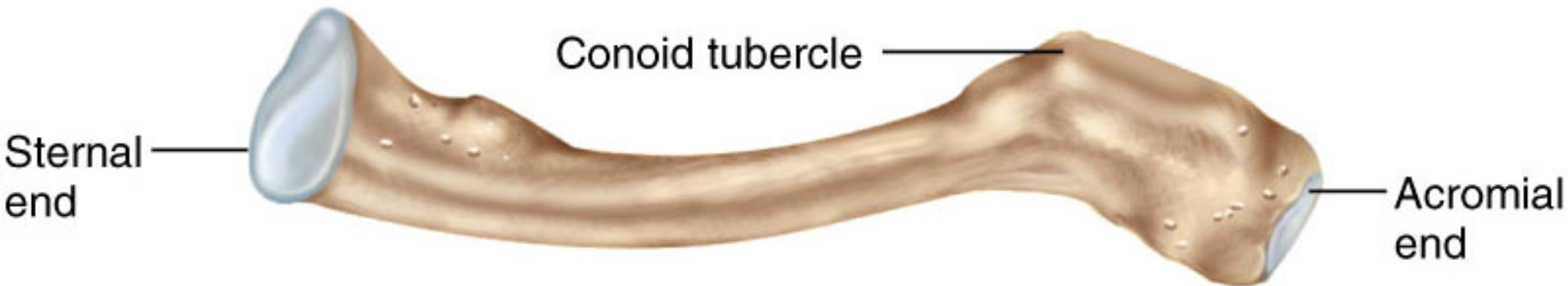
(a) Anterior view



(b) Scapula (posterior view)

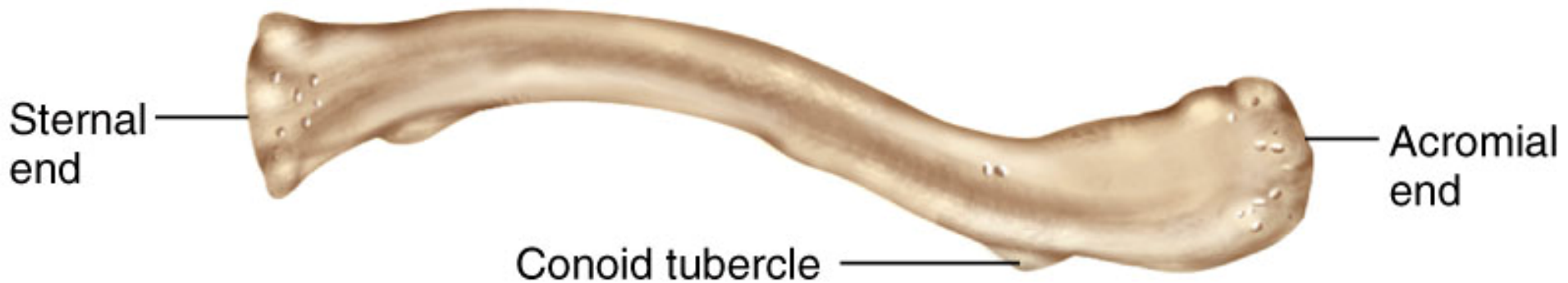


(a) Superior view



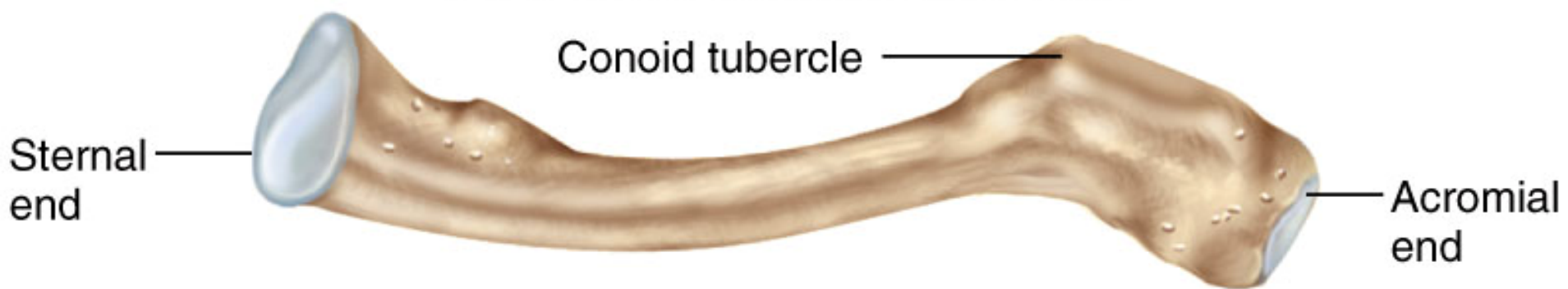
(b) Inferior view

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(a) Superior view

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(b) Inferior view

Clavicle

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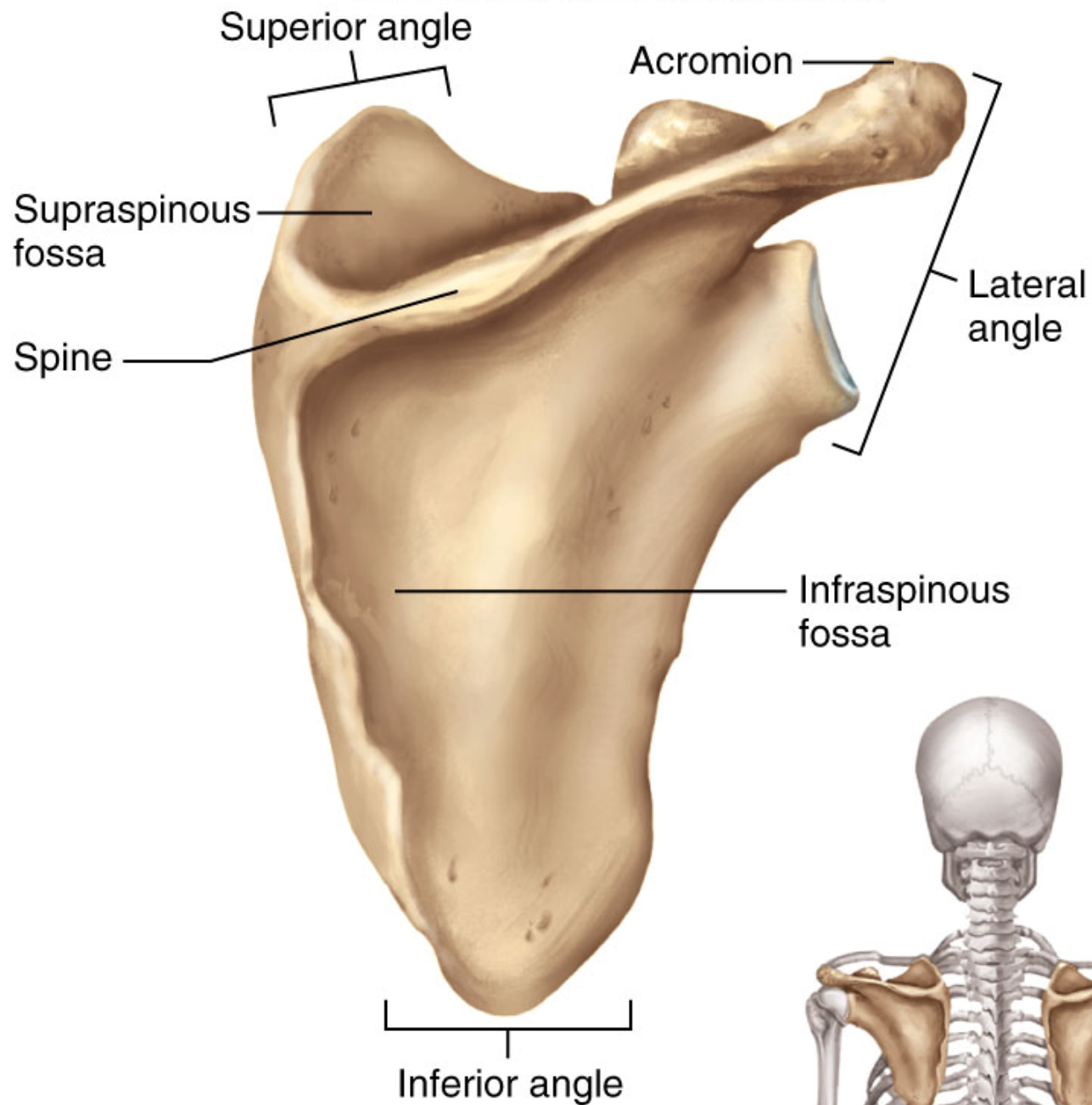


(a) Superior view



(b) Inferior view

- S-shaped bone, flattened dorsoventrally
- Inferior - marked by muscle and ligament
- Sternal end rounded -- acromial end flattened



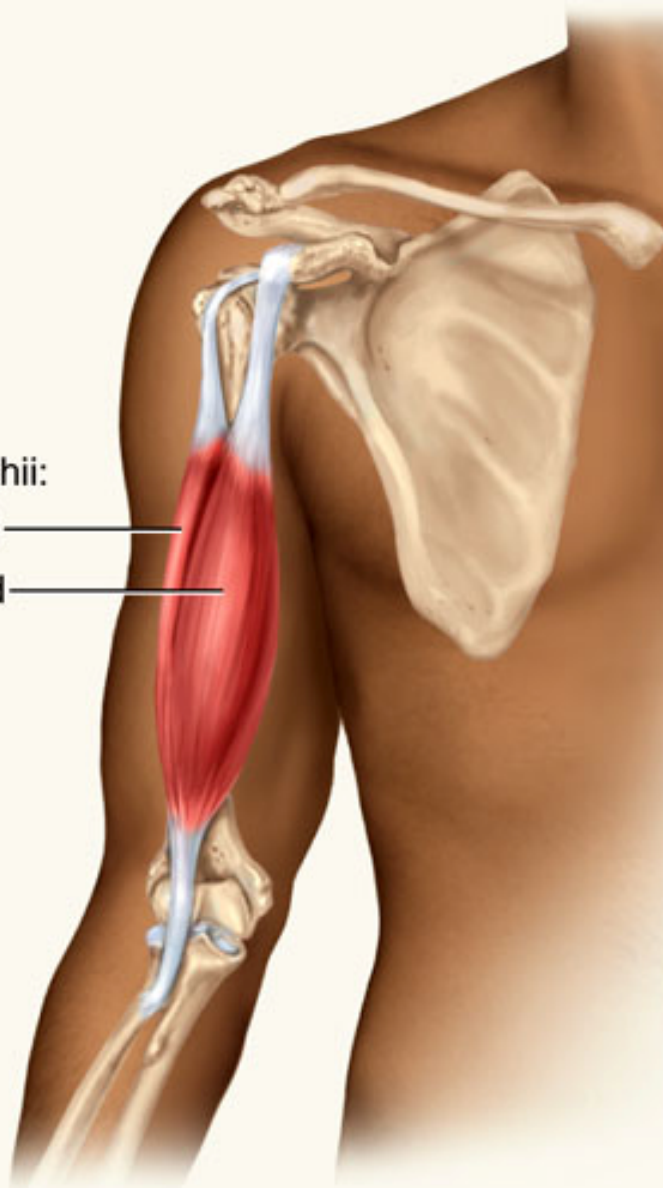
(b) Posterior view



Biceps brachii:

Long head

Short head



(c) Anterior view

