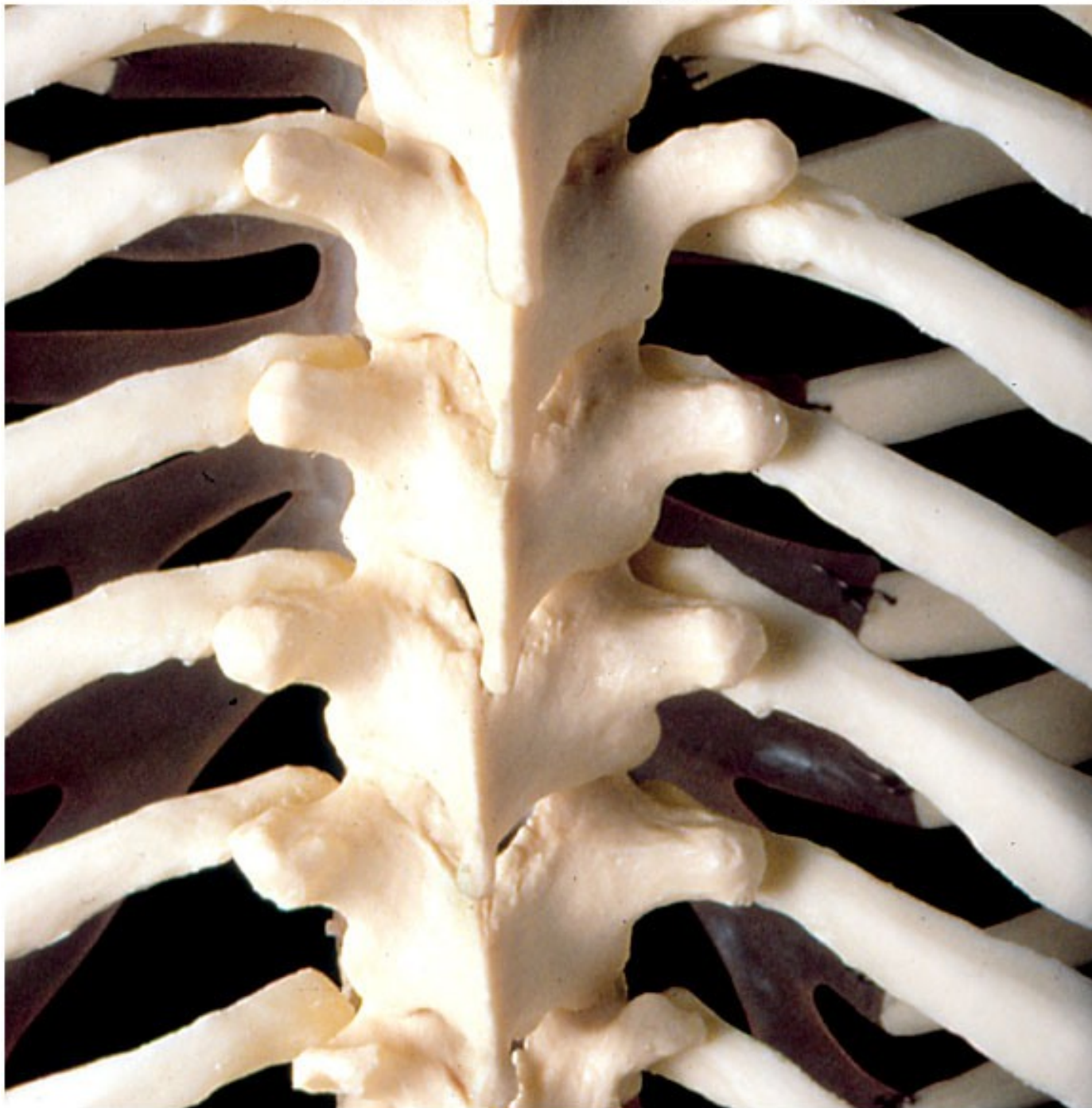
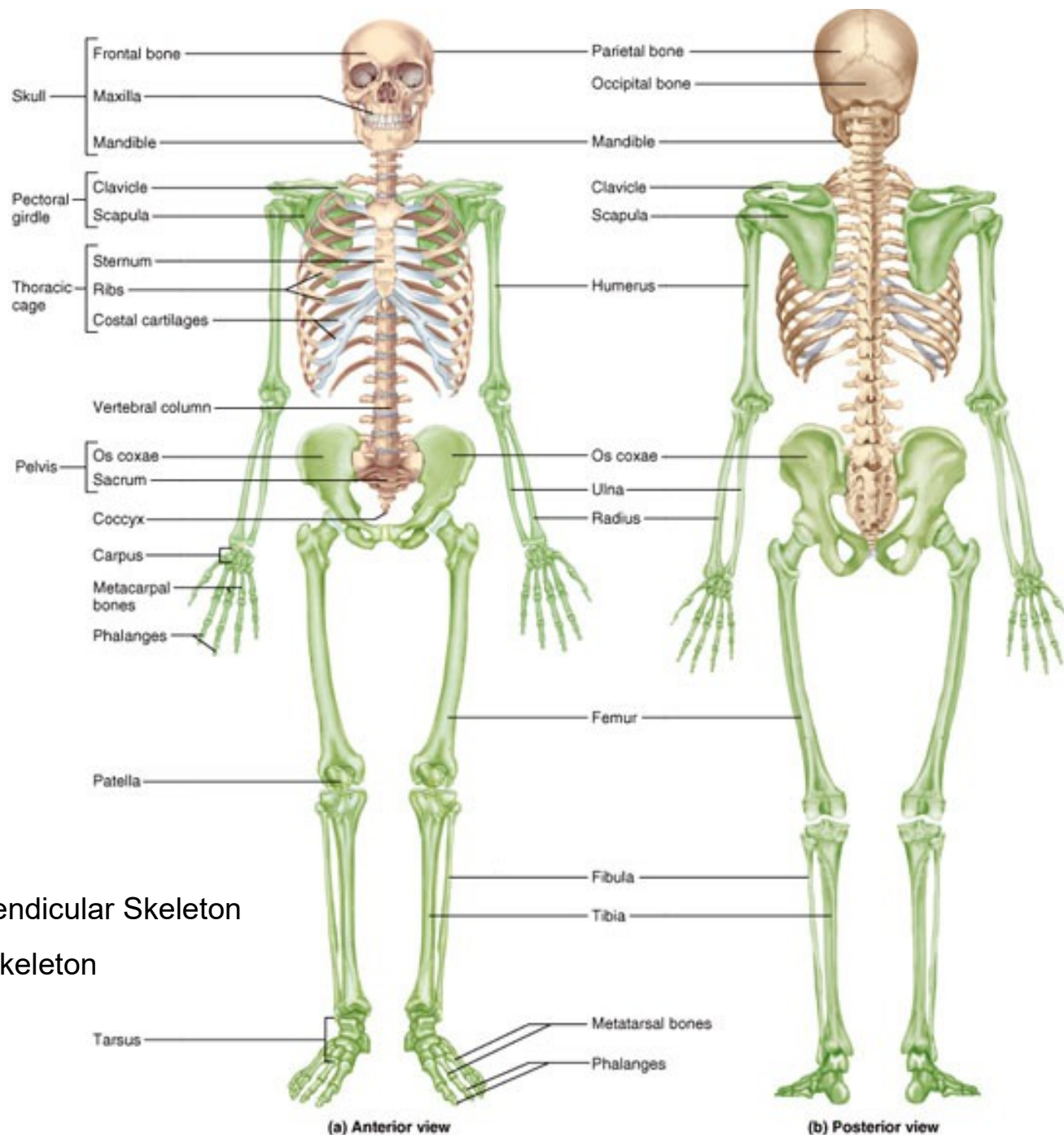


# MC3 A/P Lab Unit 1

## Axial Skeleton

Thorax & Hyoid  
Vertebral Column

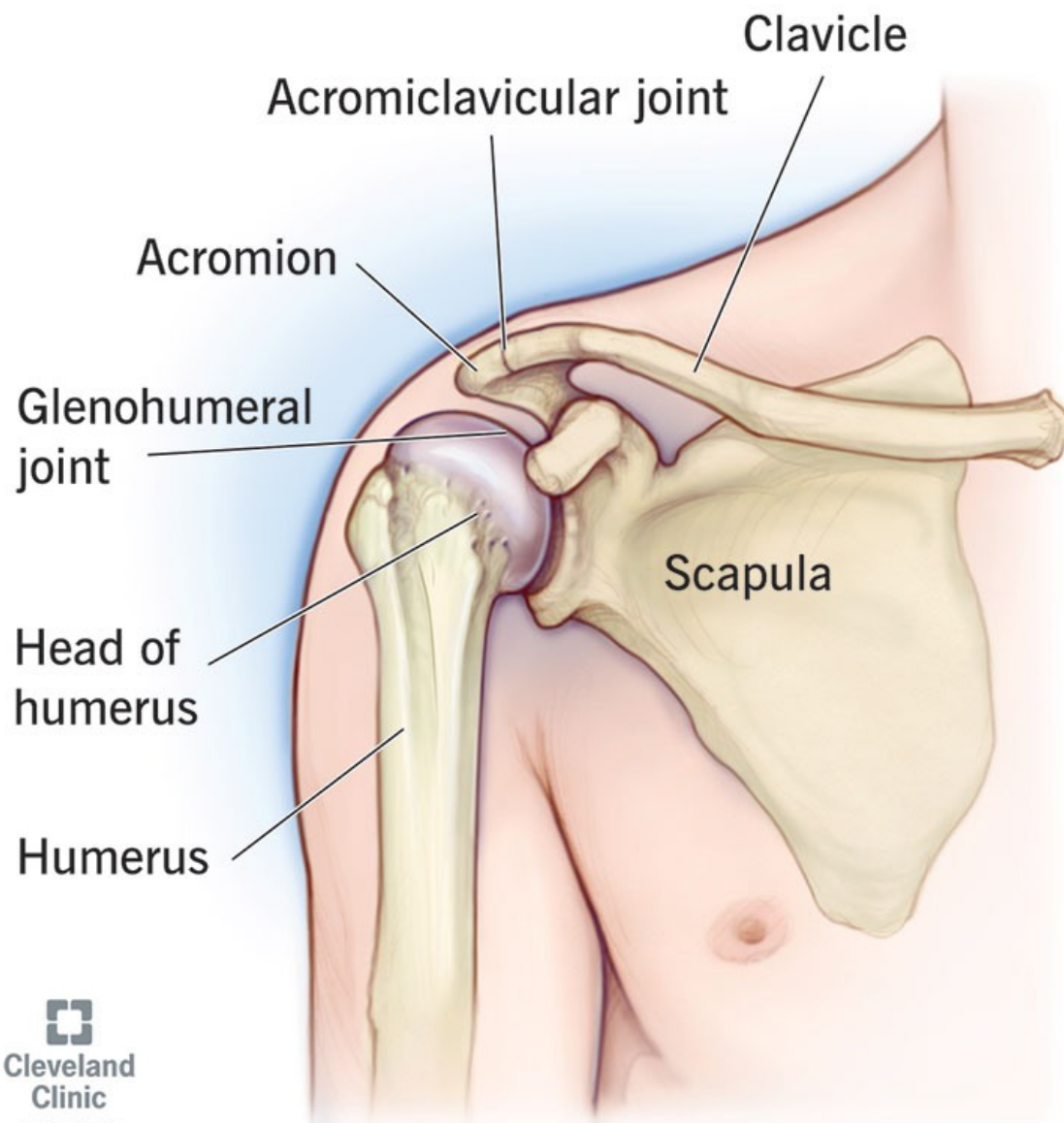


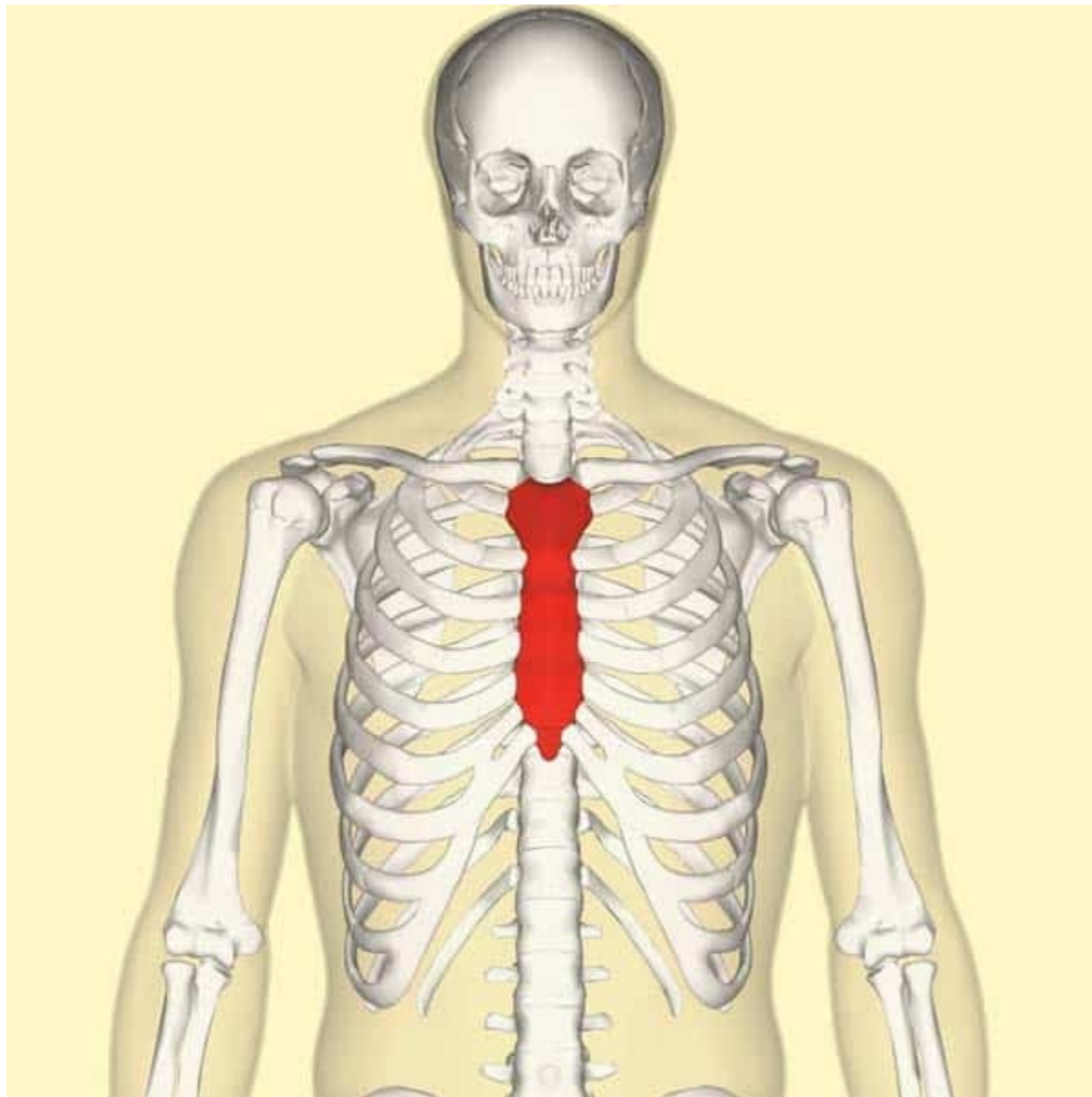


Green = Appendicular Skeleton

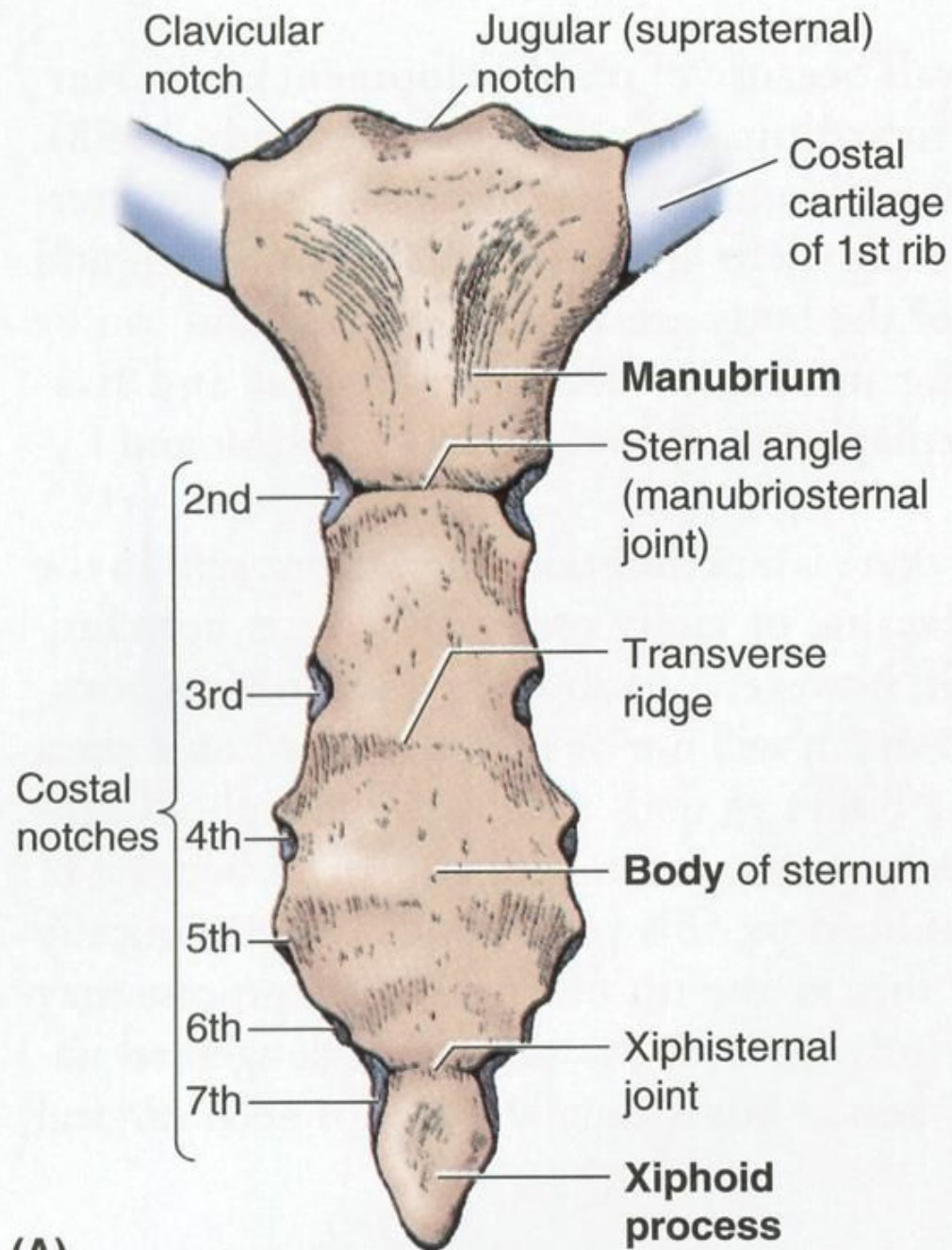
Tan = Axial Skeleton

# Shoulder Joint

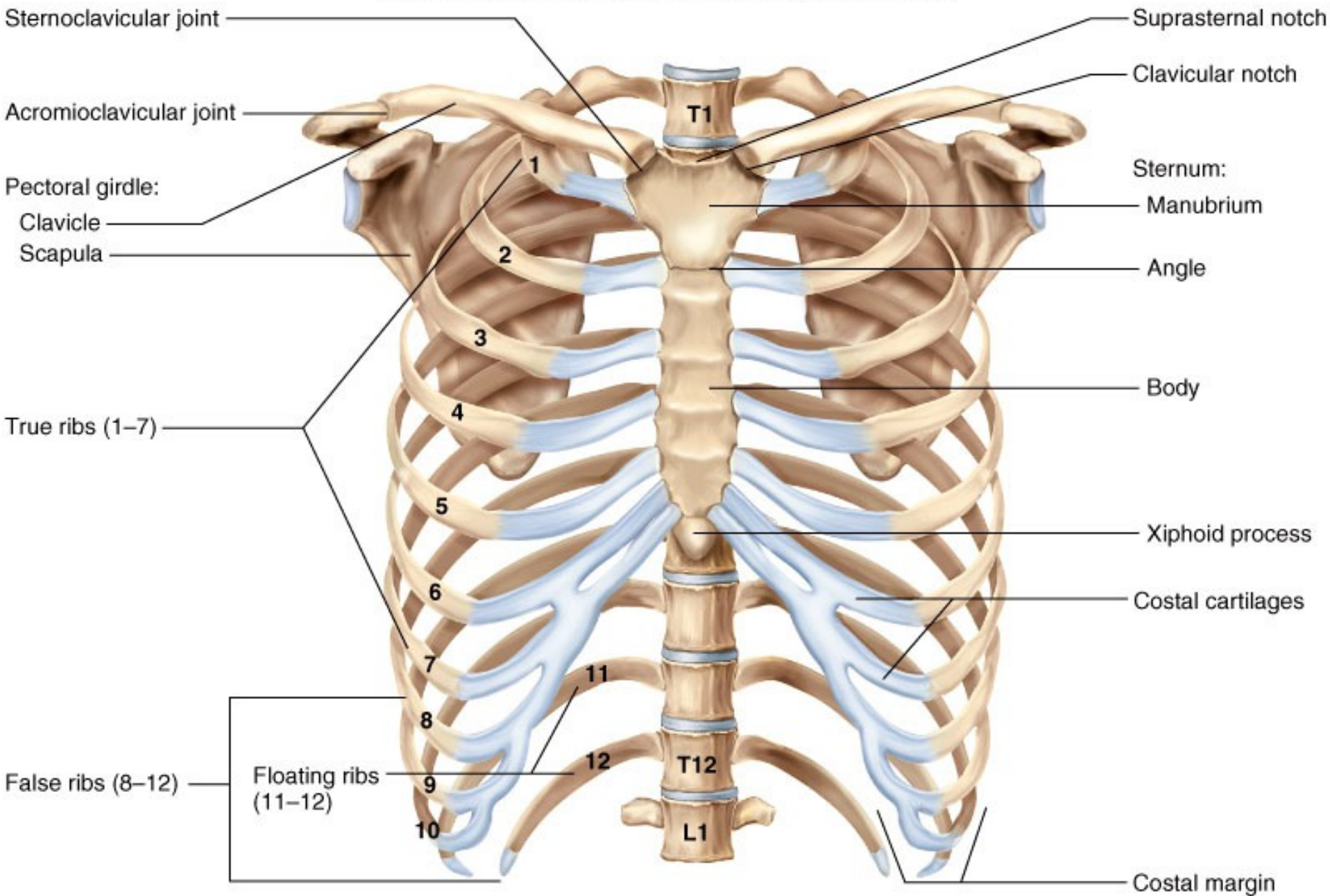






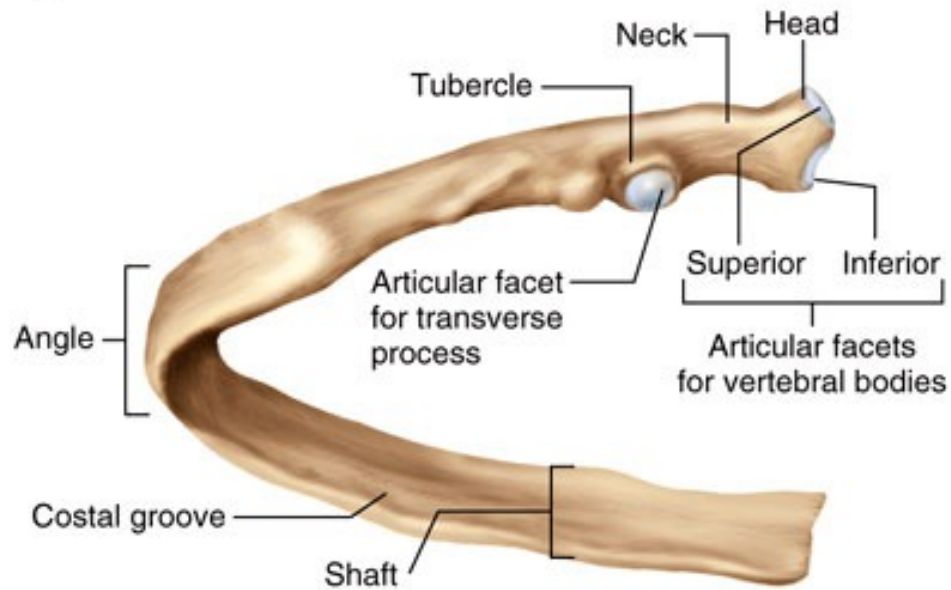


(A)





**(a) Rib 1**



**(b) Ribs 2-10**



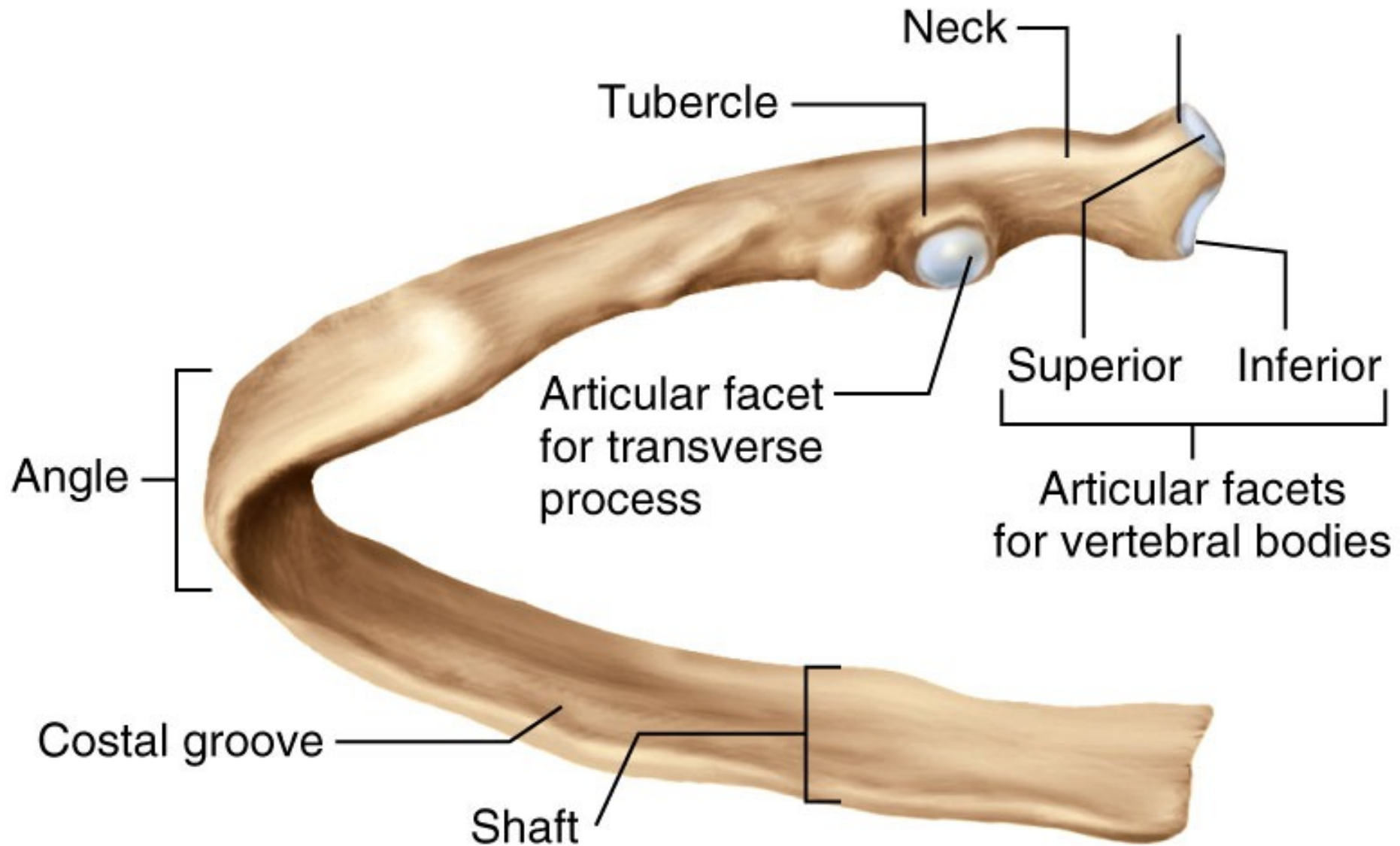
**(c) Ribs 11-12**



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**(a) Rib 1**

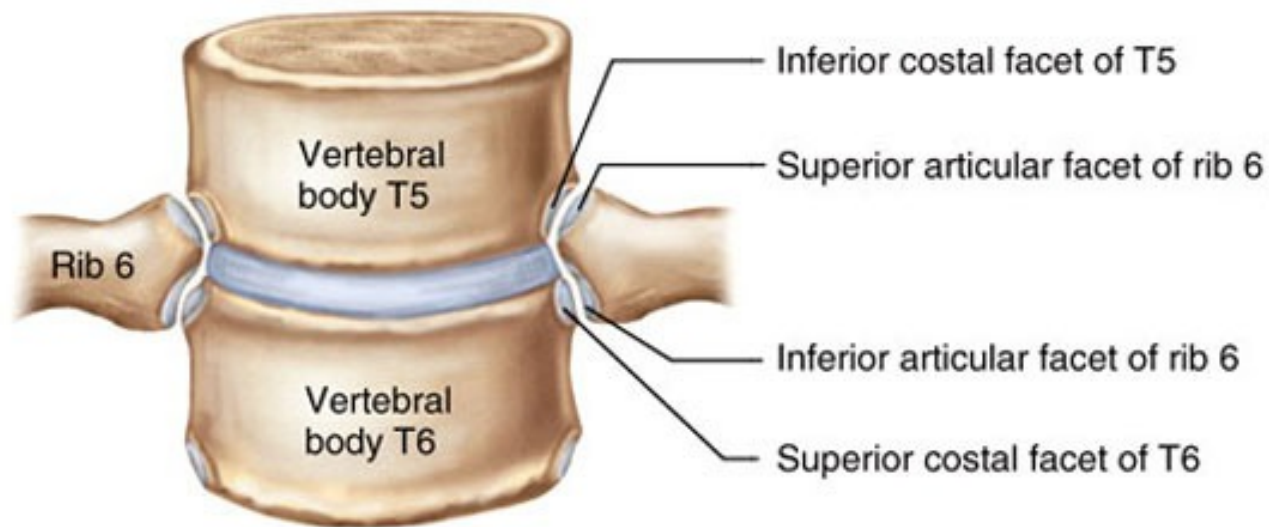


**(b) Ribs 2-10**

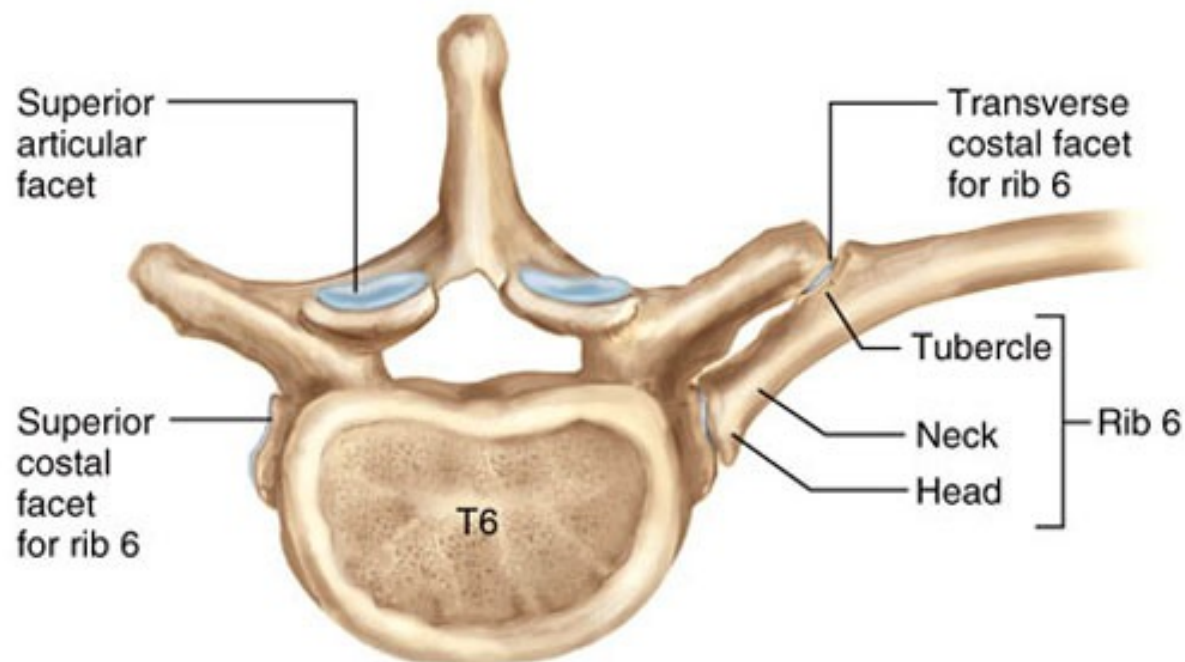
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**(c) Ribs 11–12**

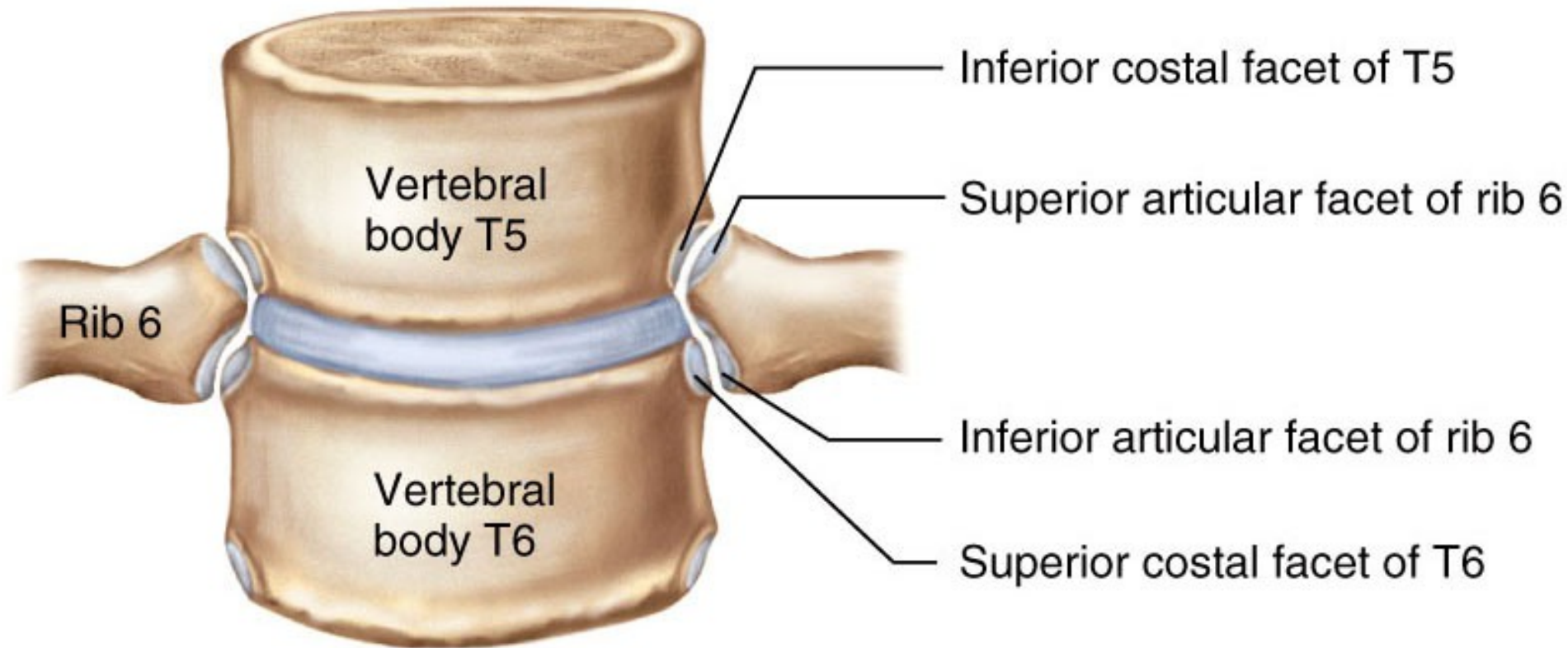


**(a) Anterior view**

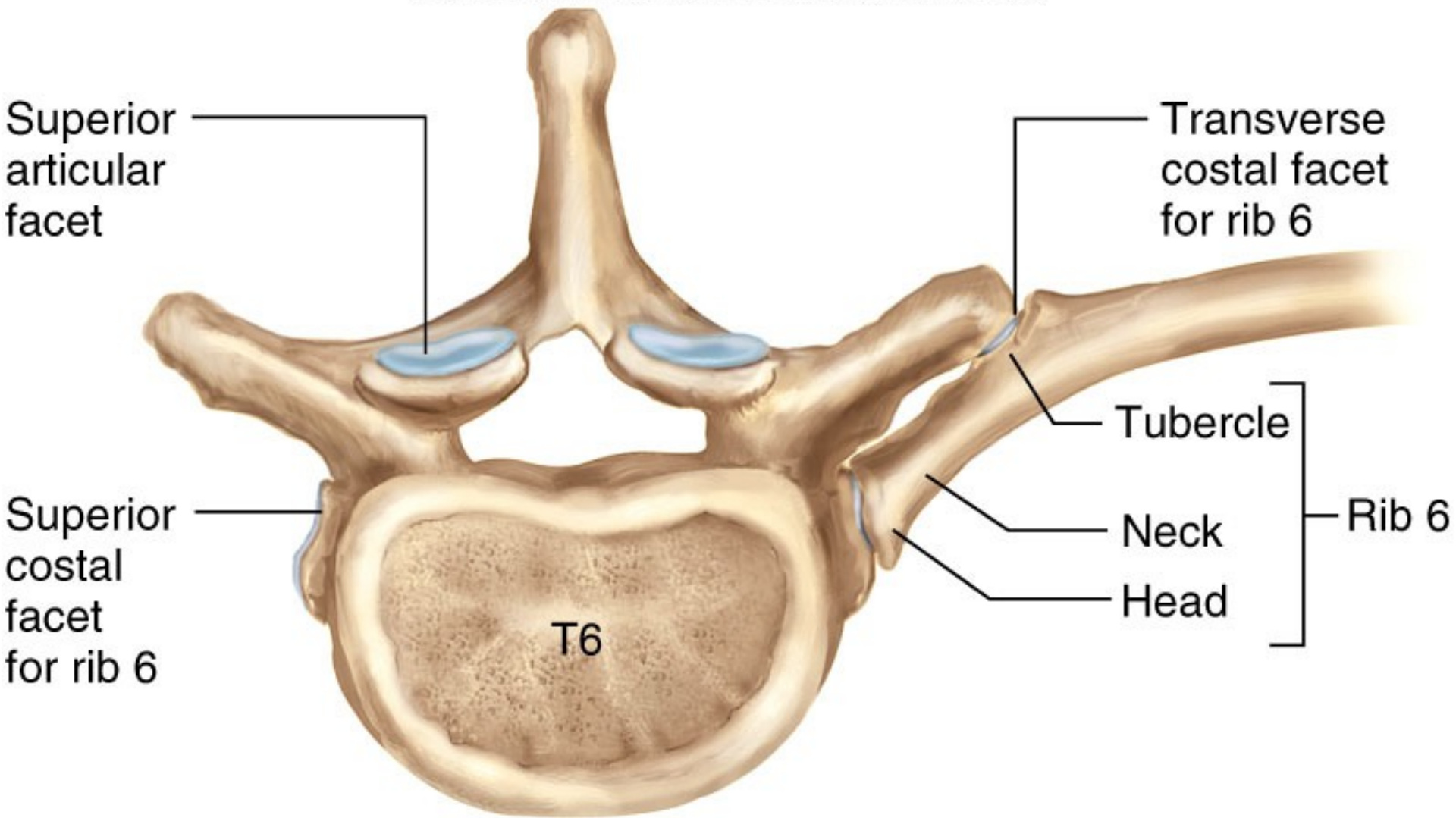


**(b) Superior view**





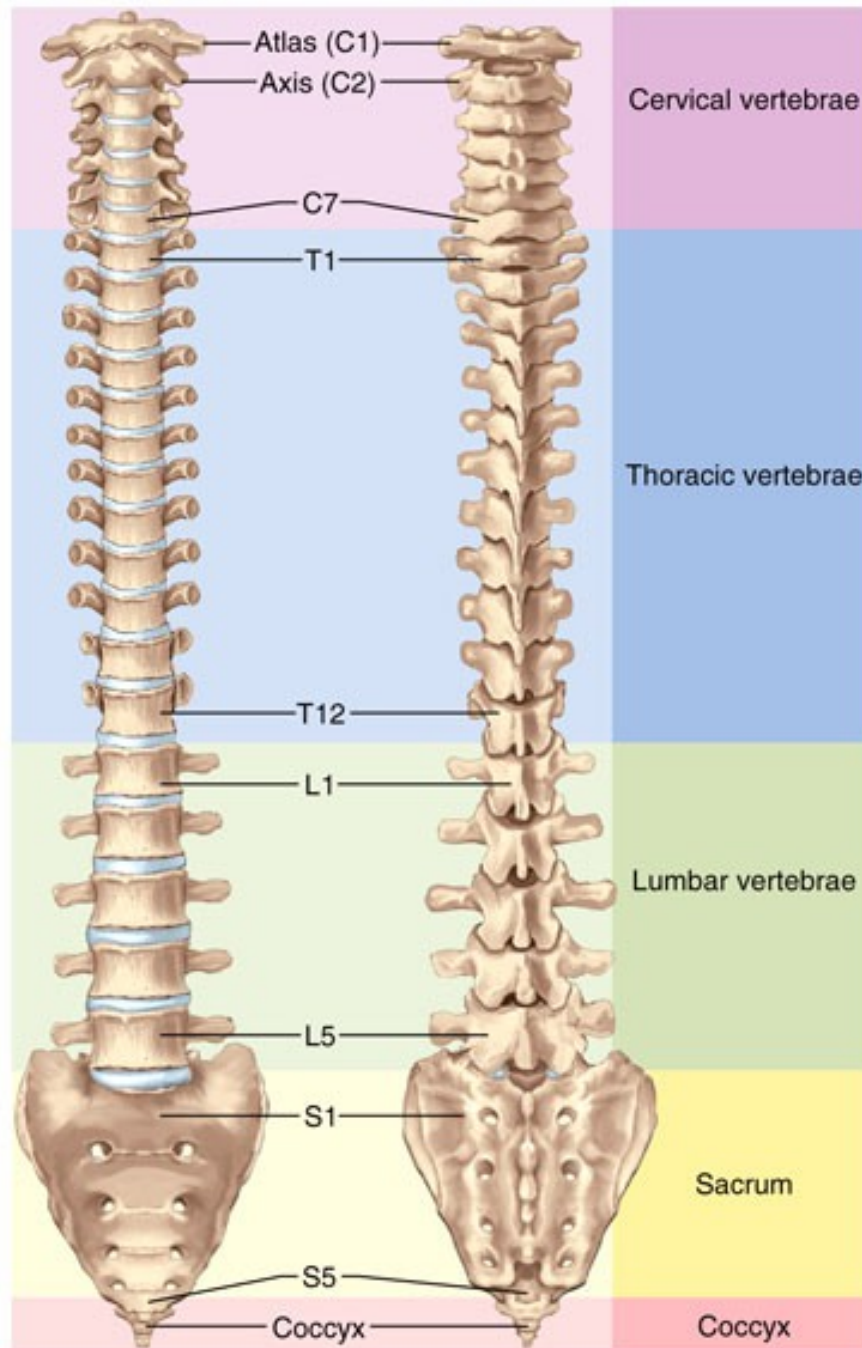
**(a) Anterior view**

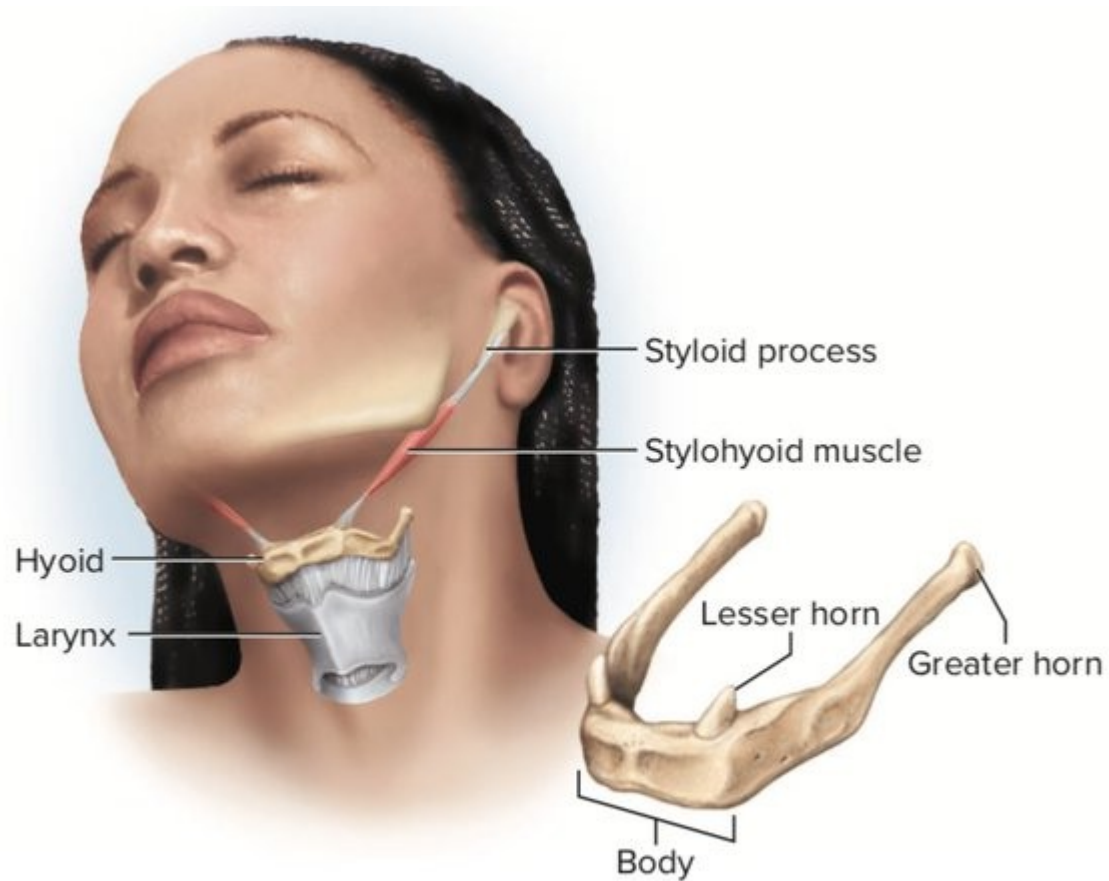


**(b) Superior view**

**Anterior view**

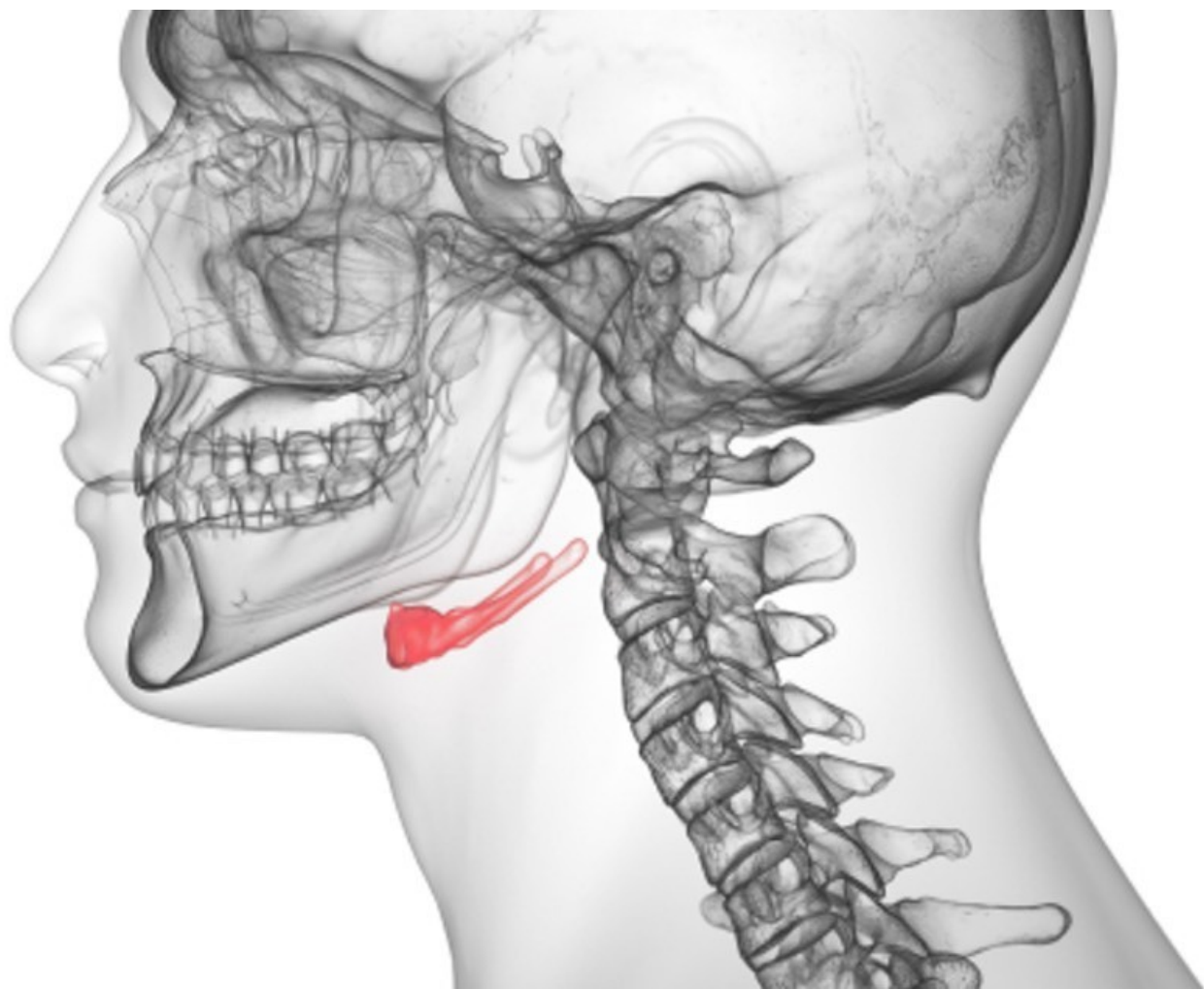
**Posterior view**

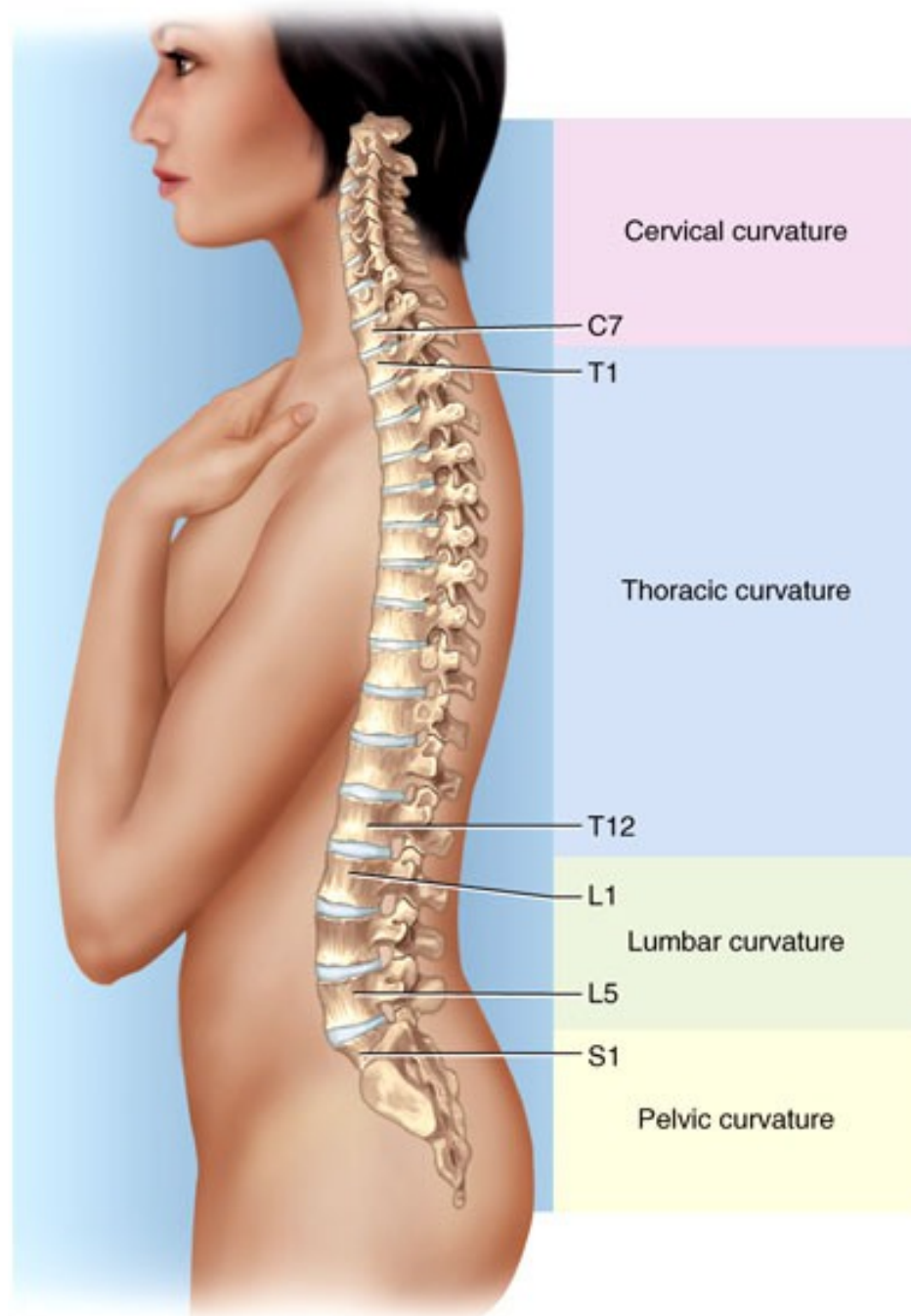


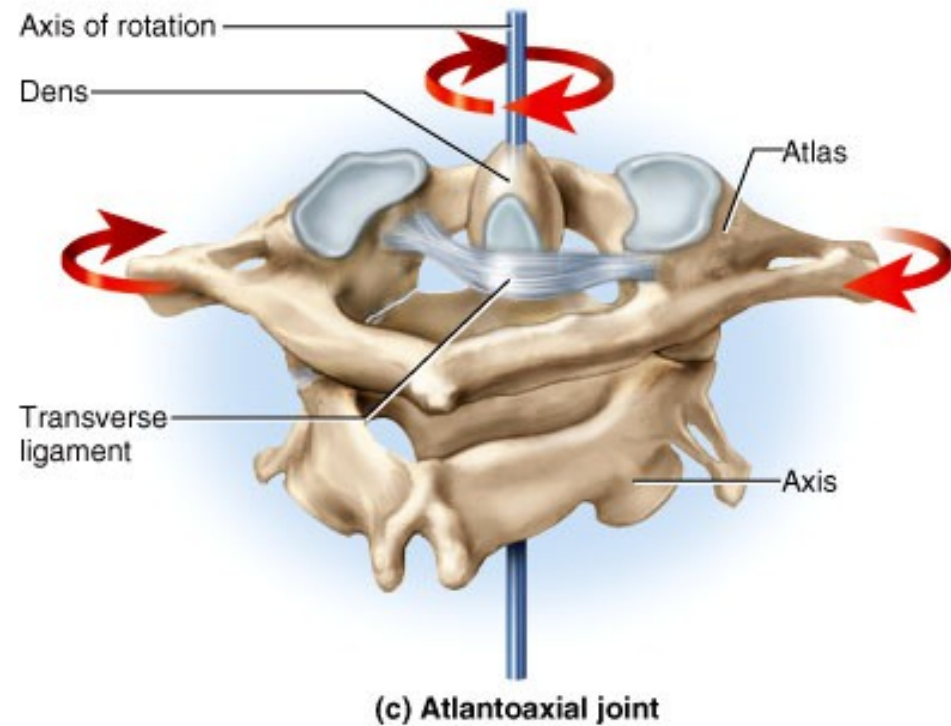
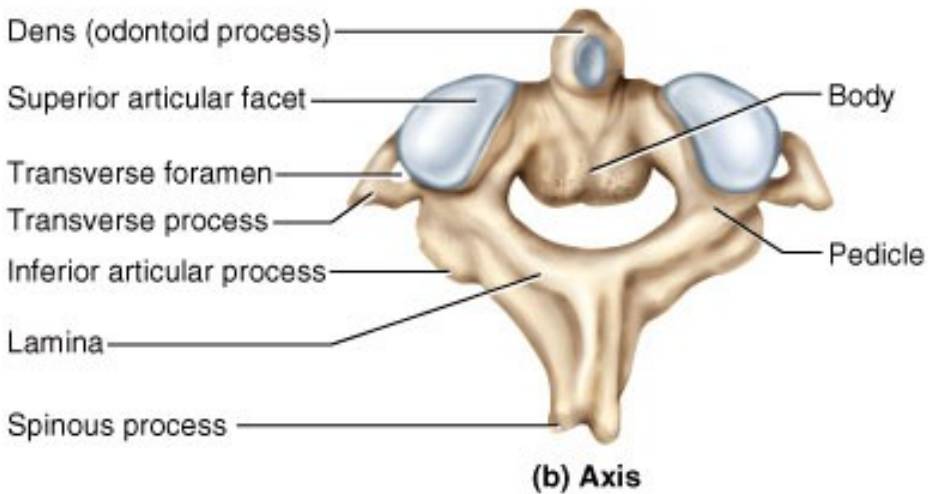
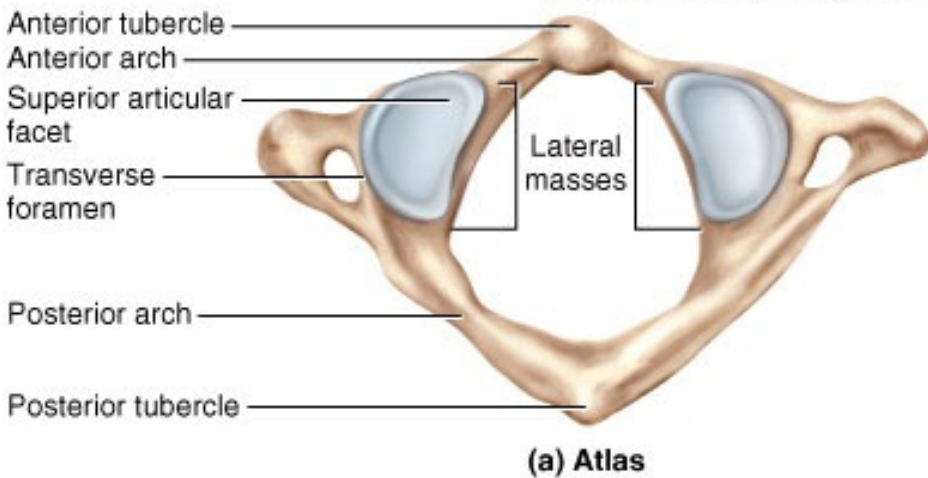


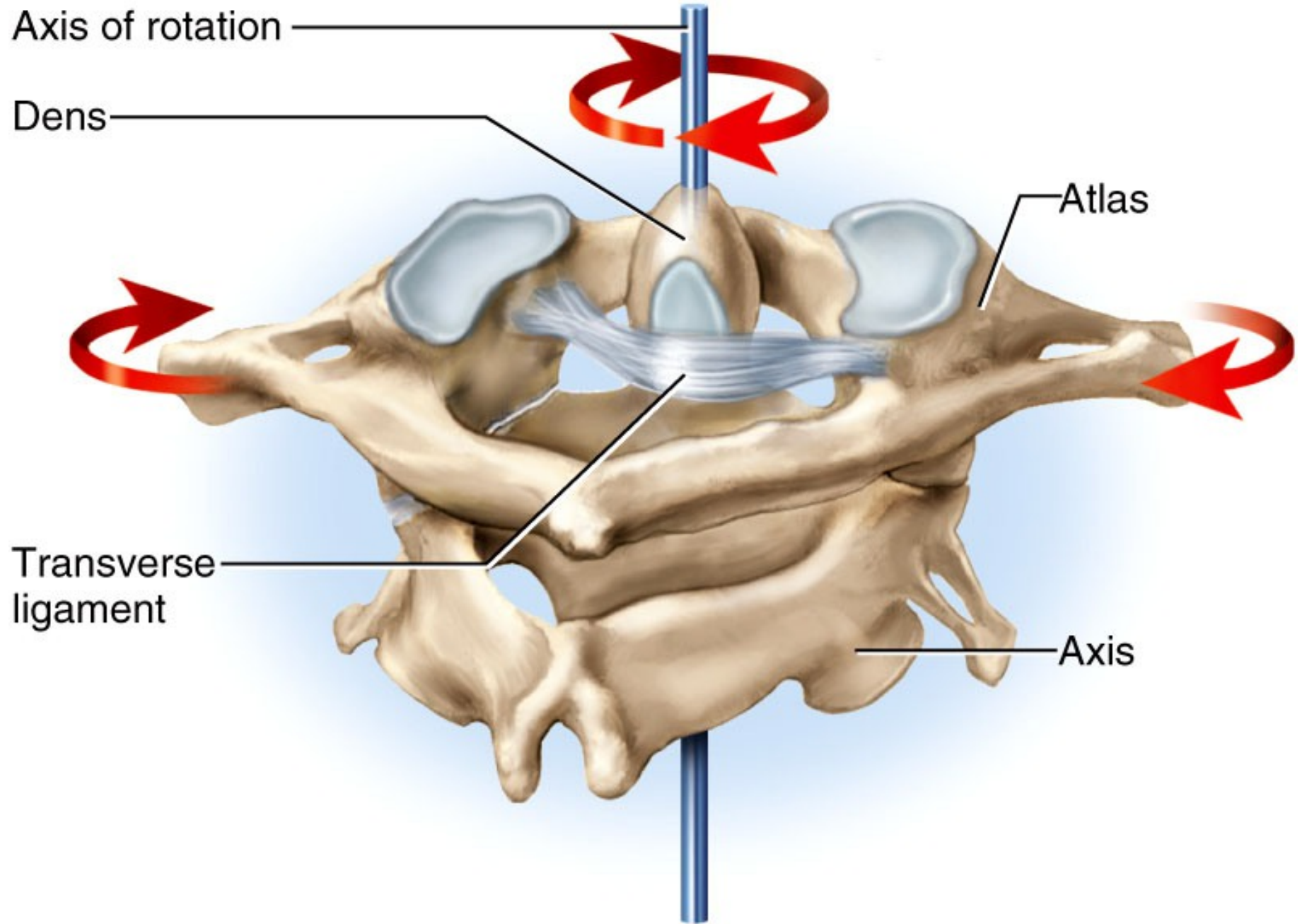
**FIGURE 8.16** The Hyoid Bone.





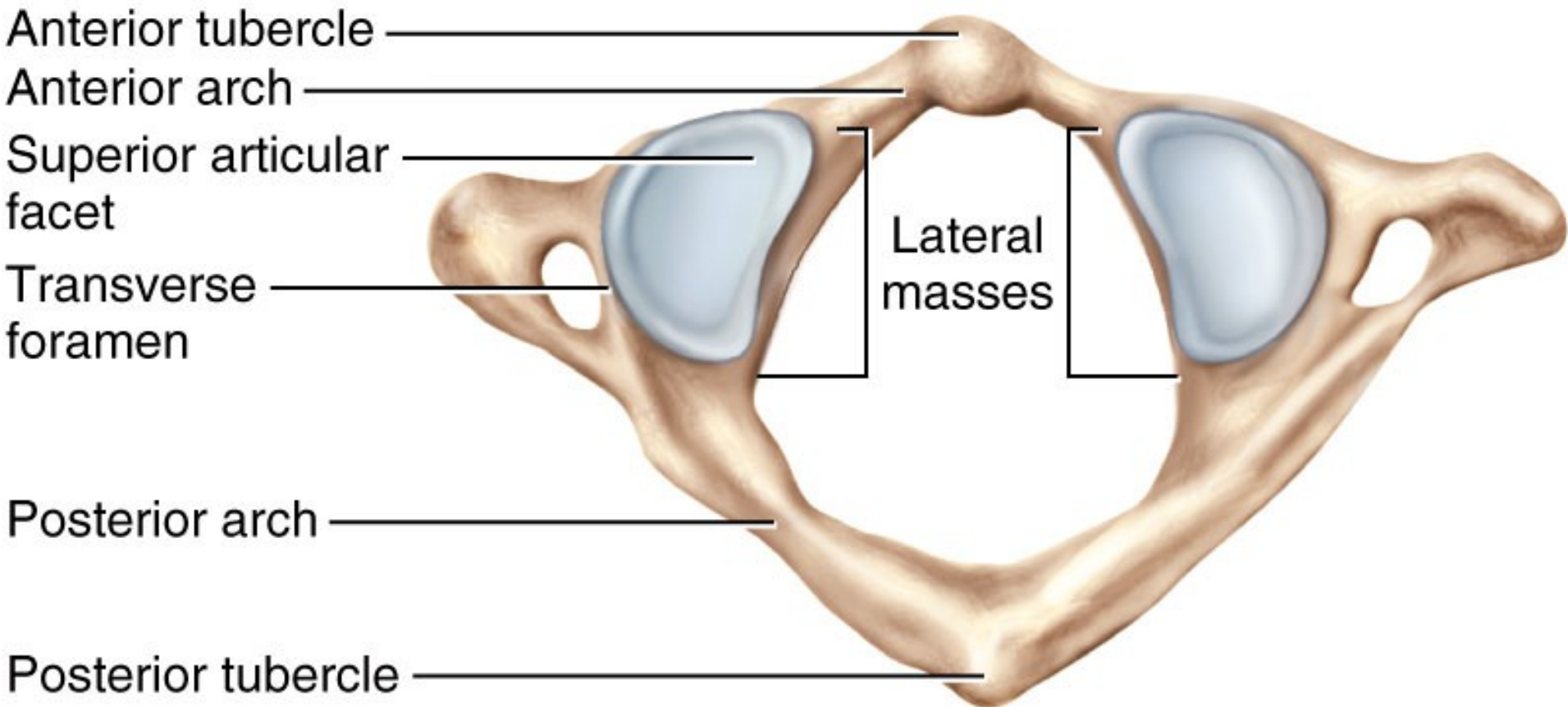






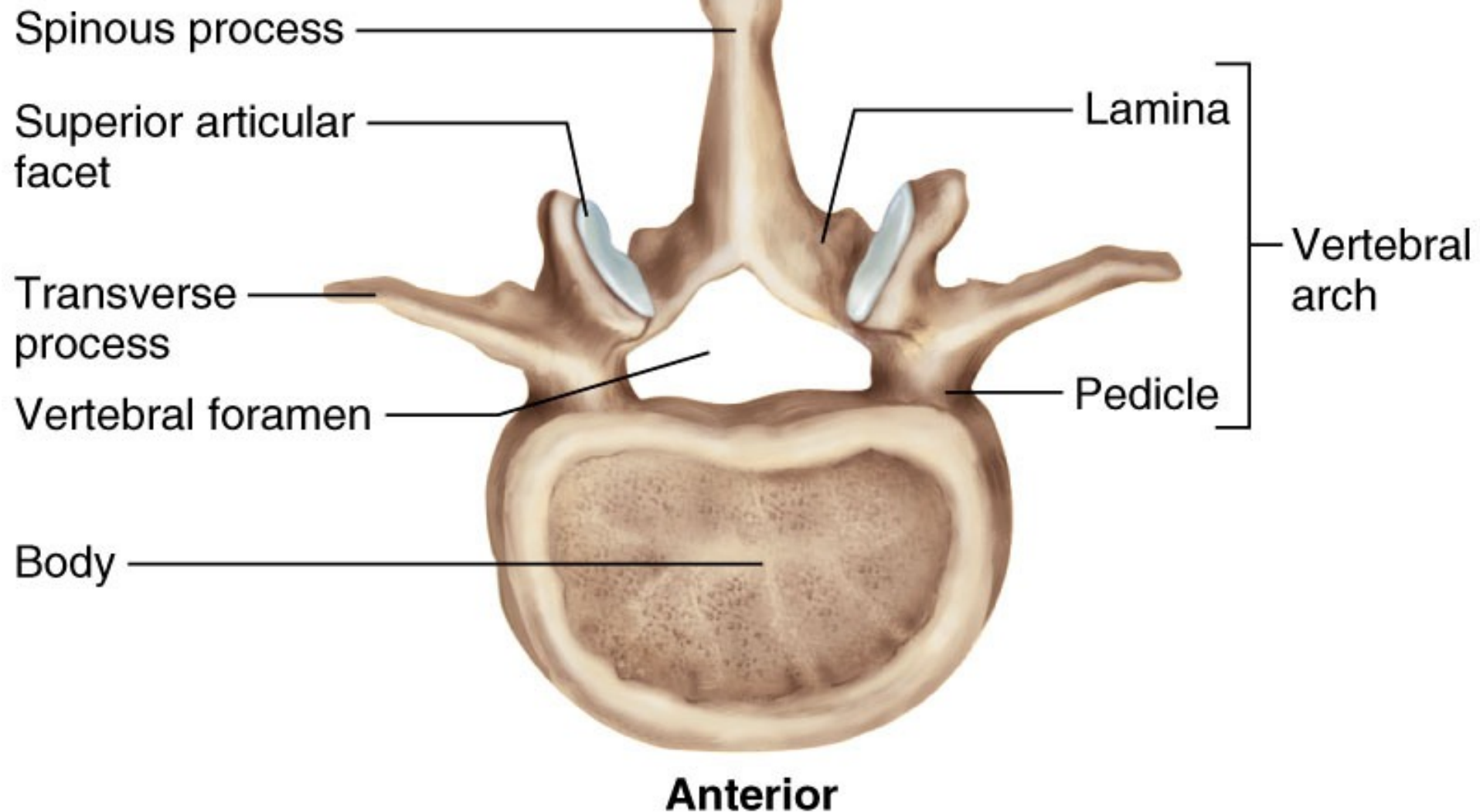
**(c) Atlantoaxial joint**



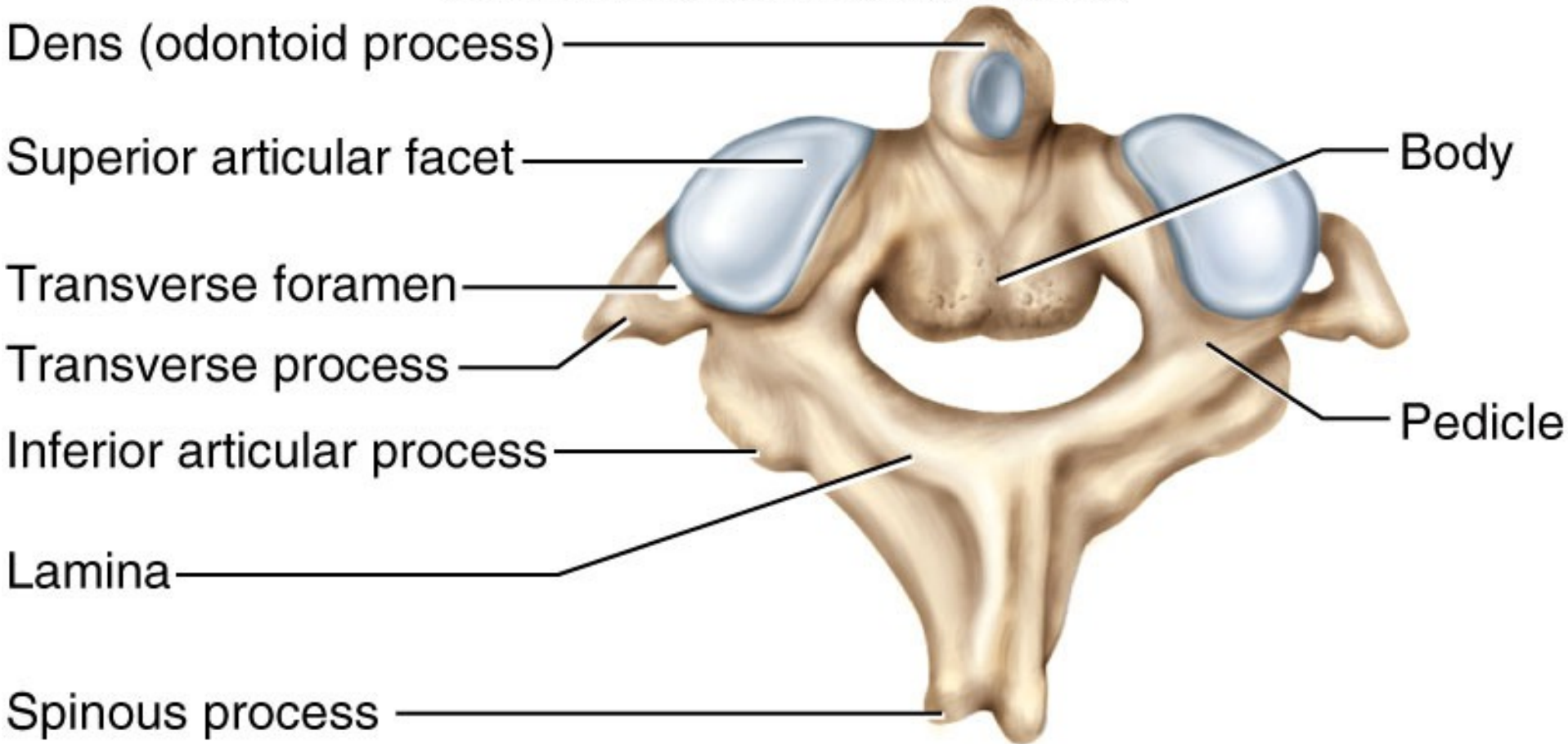


**(a) Atlas**

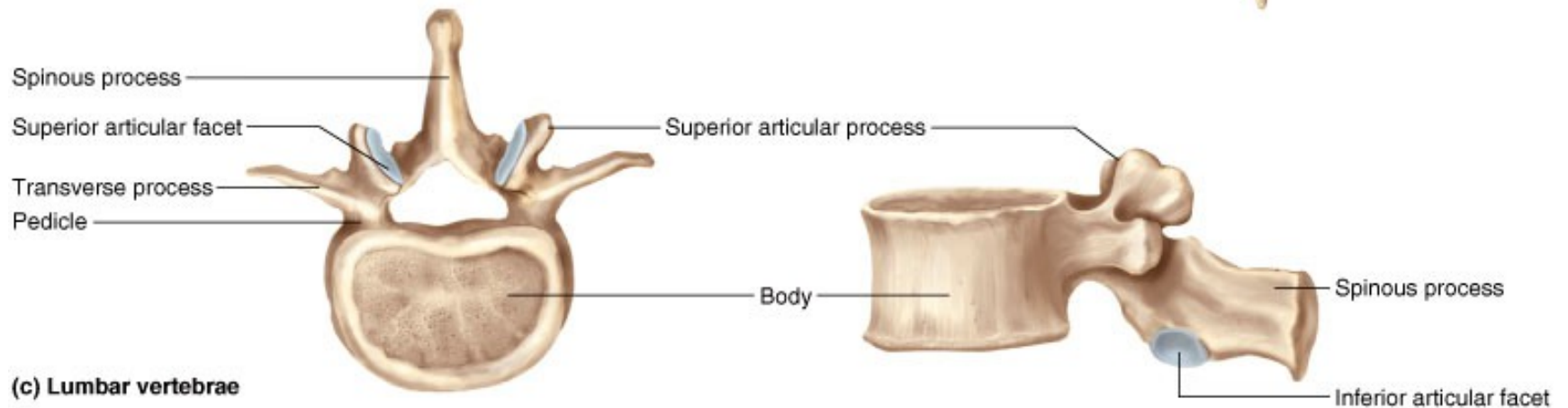
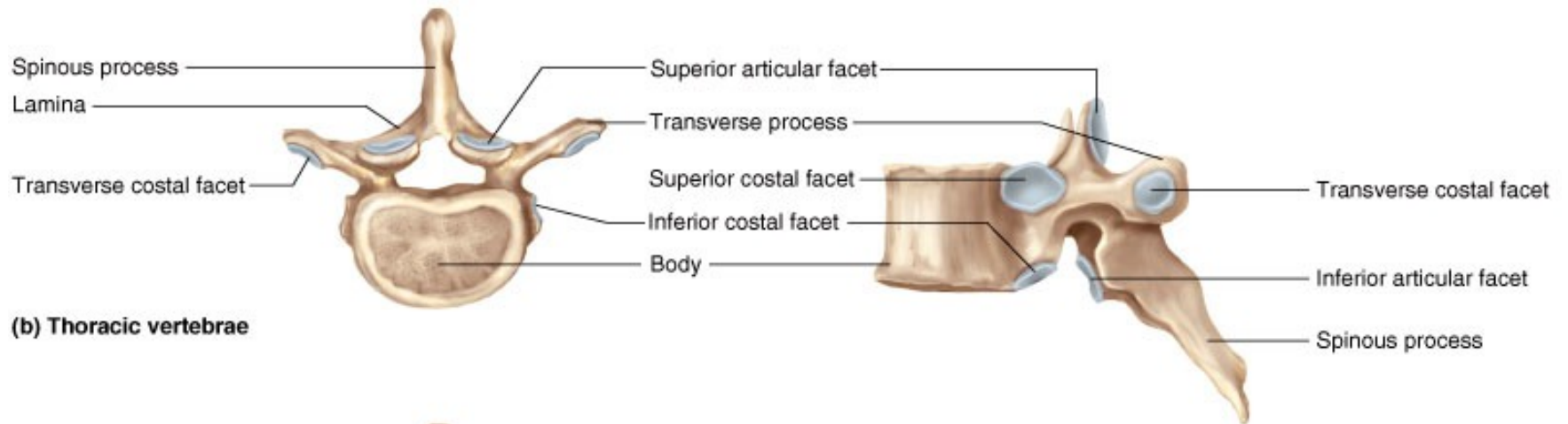
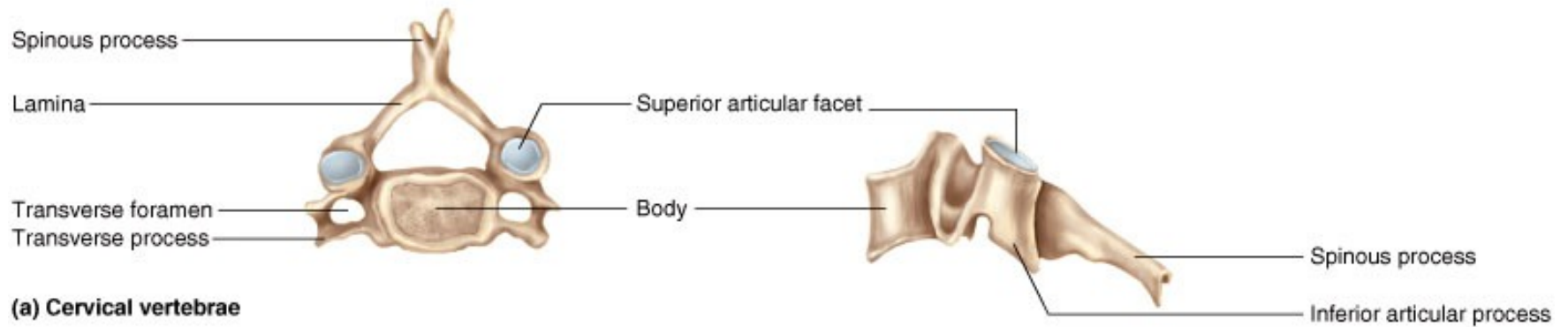
**Posterior**



**(a) 2nd lumbar vertebra (L2)**

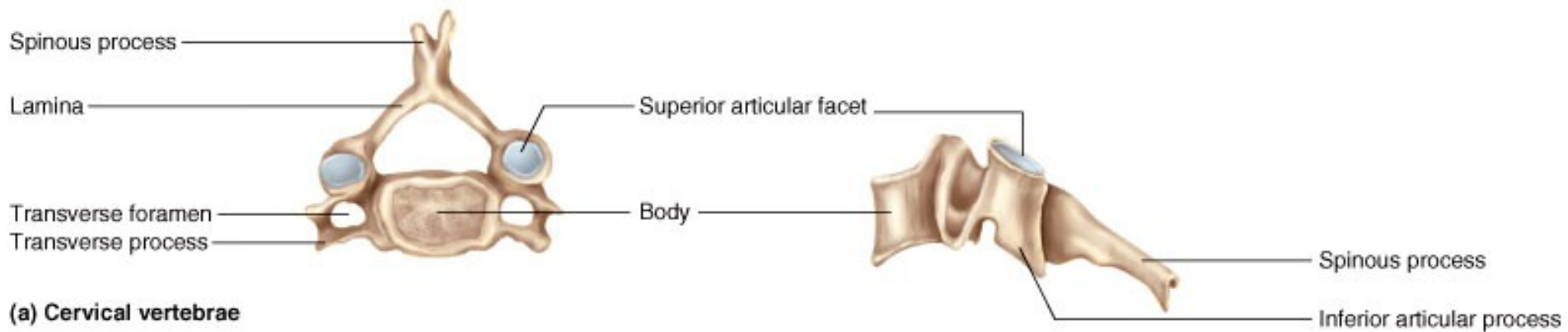


**(b) Axis**

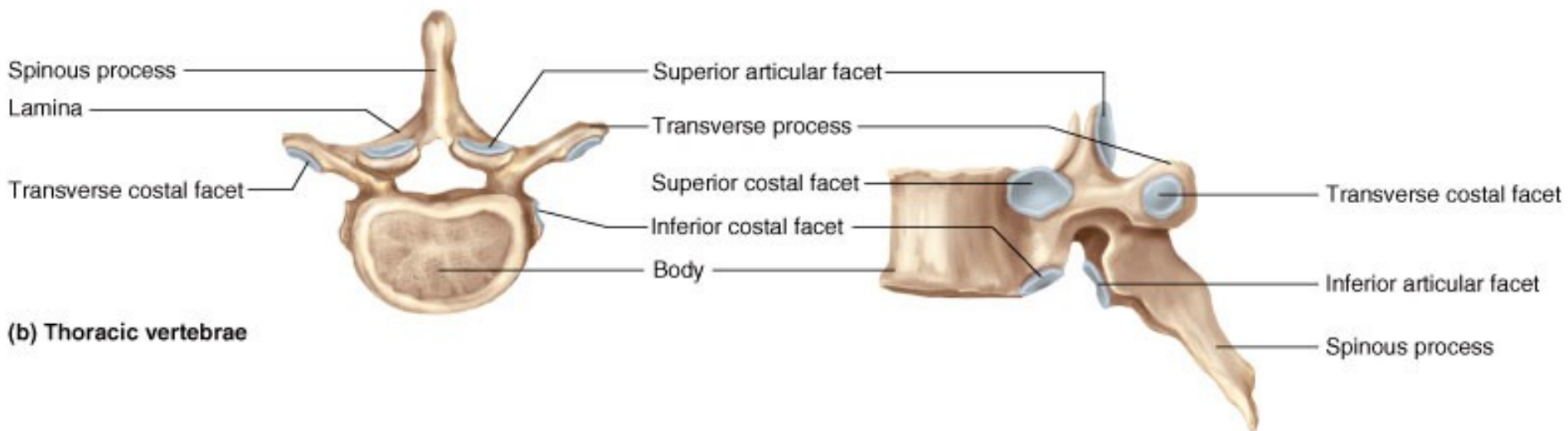




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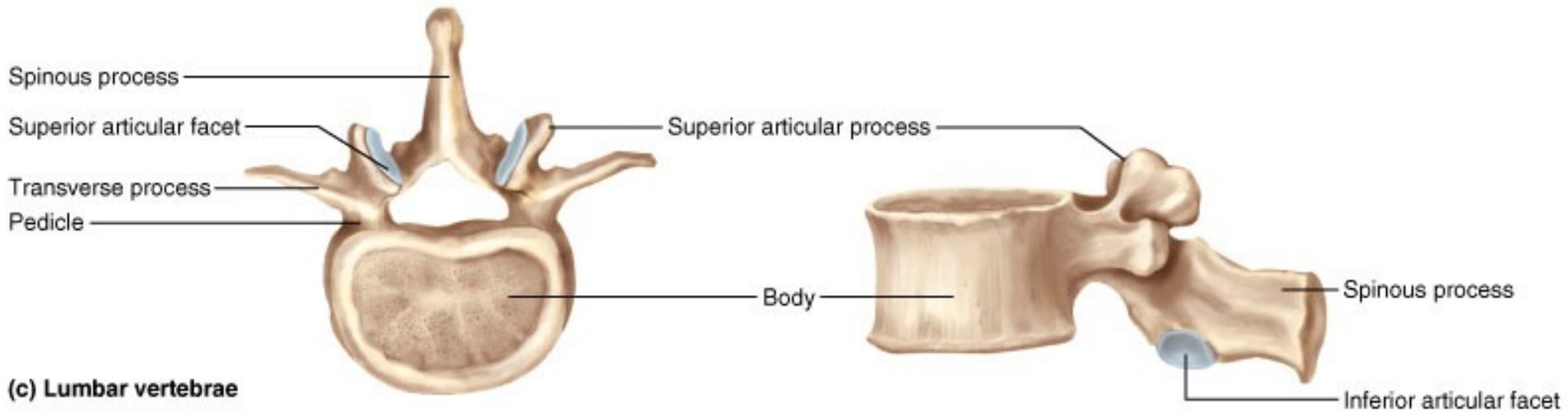


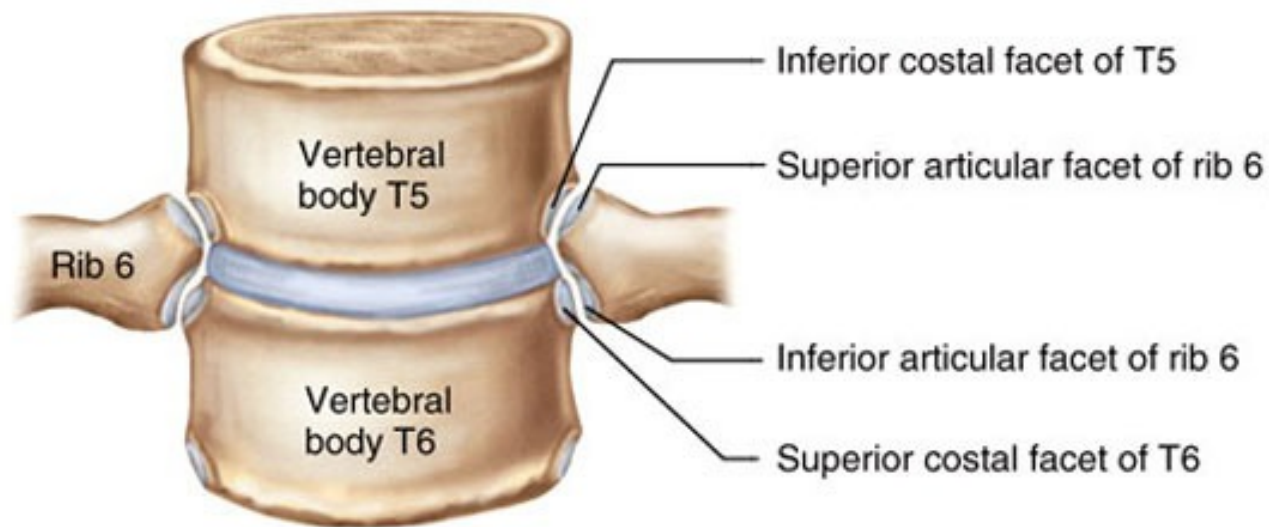
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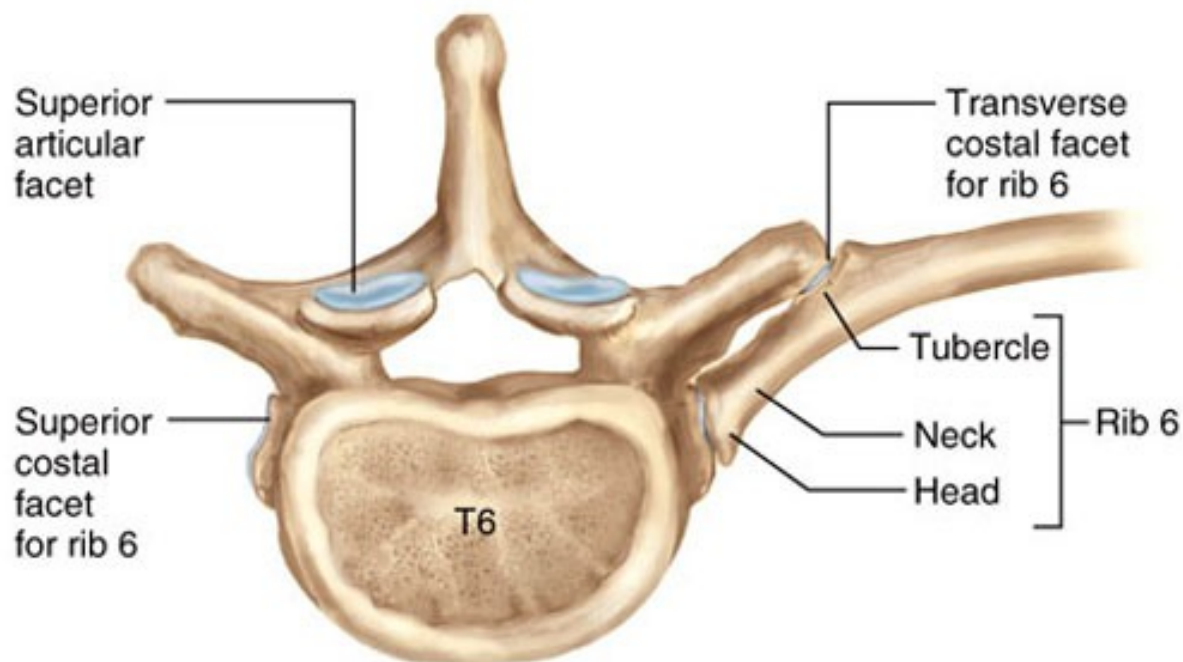
**(b) Thoracic vertebrae**

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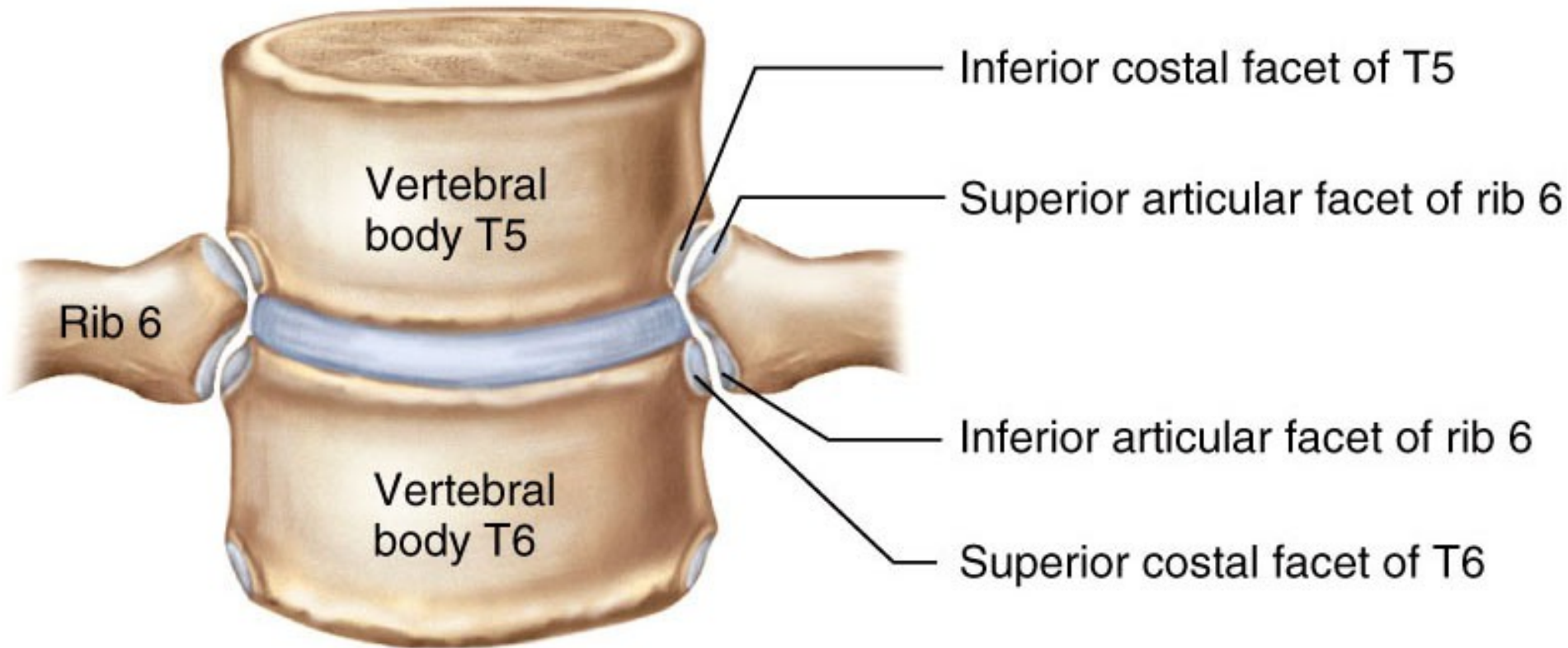




**(a) Anterior view**

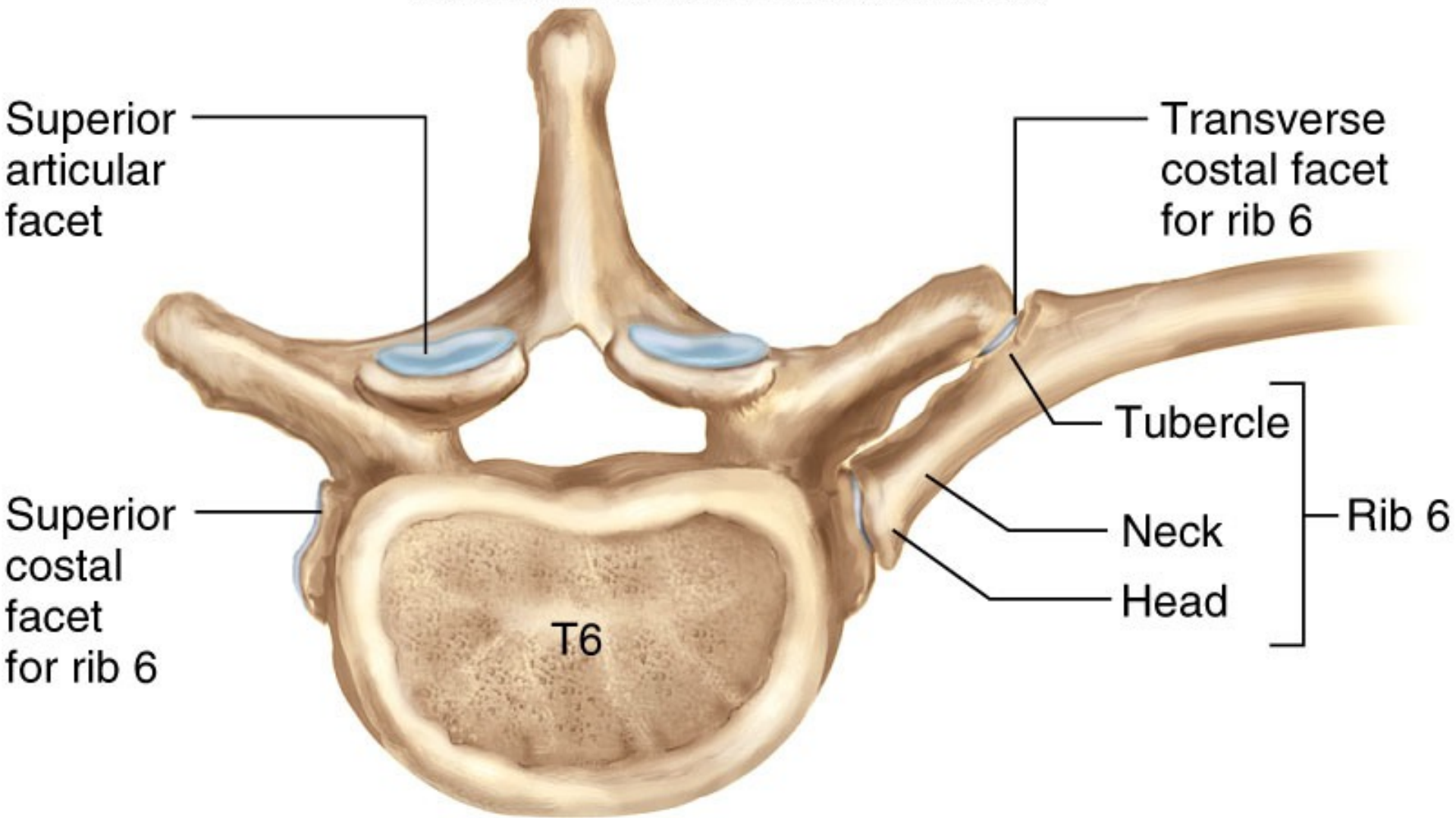


**(b) Superior view**

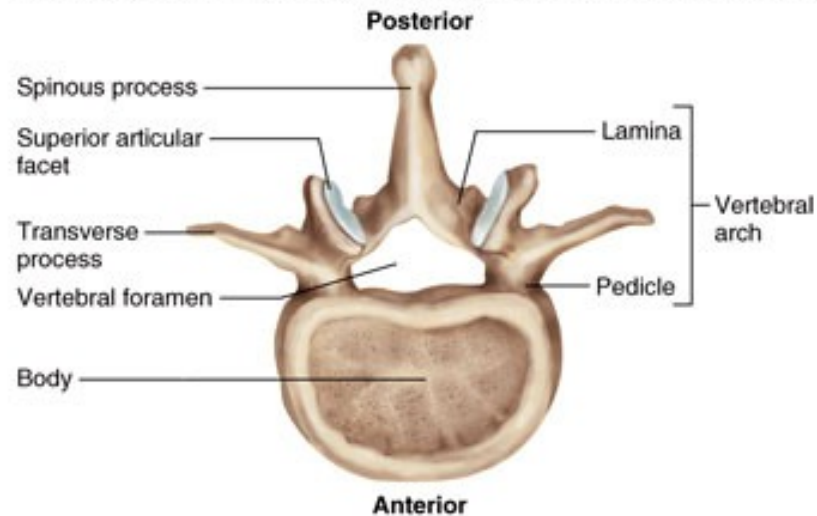


**(a) Anterior view**

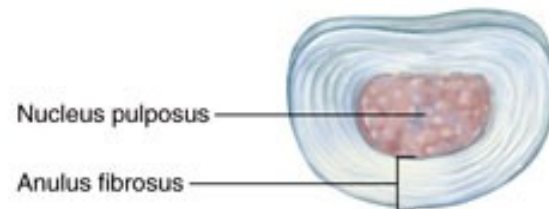




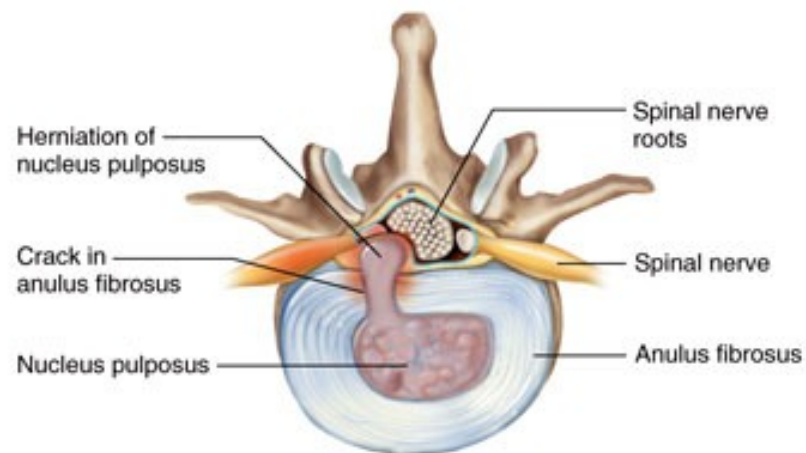
**(b) Superior view**



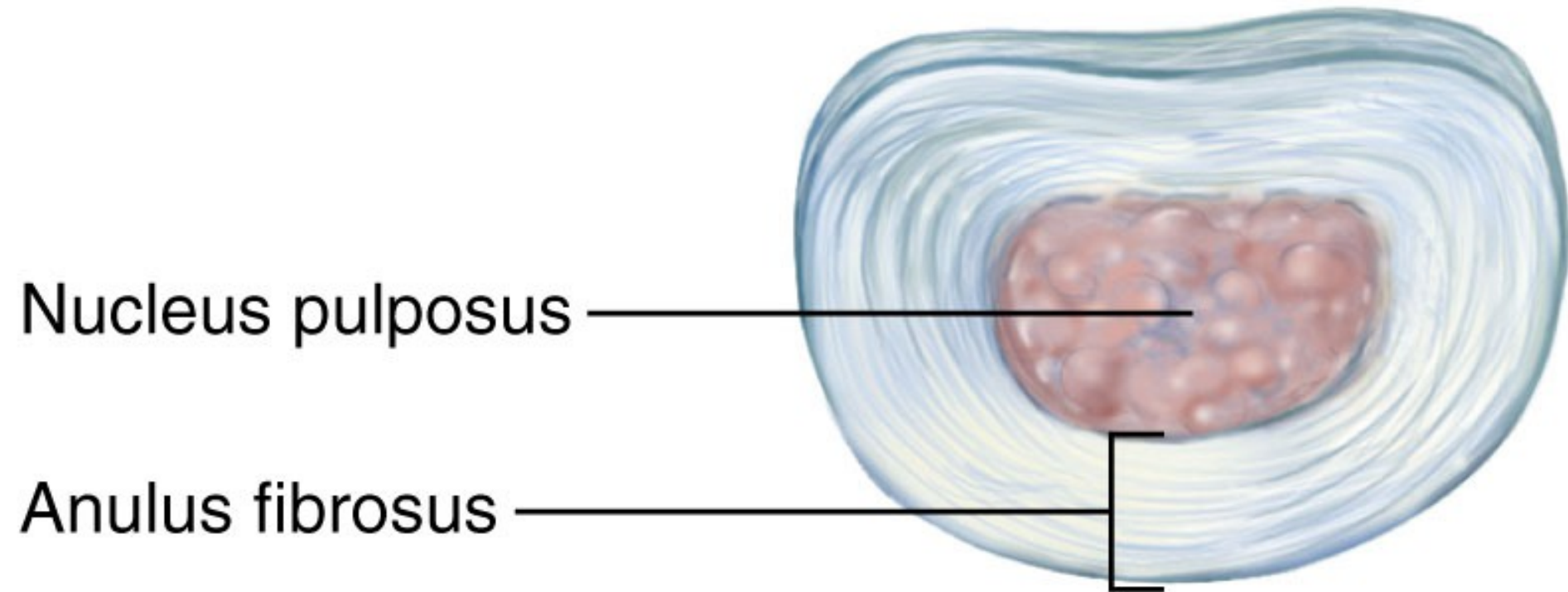
**(a) 2nd lumbar vertebra (L2)**



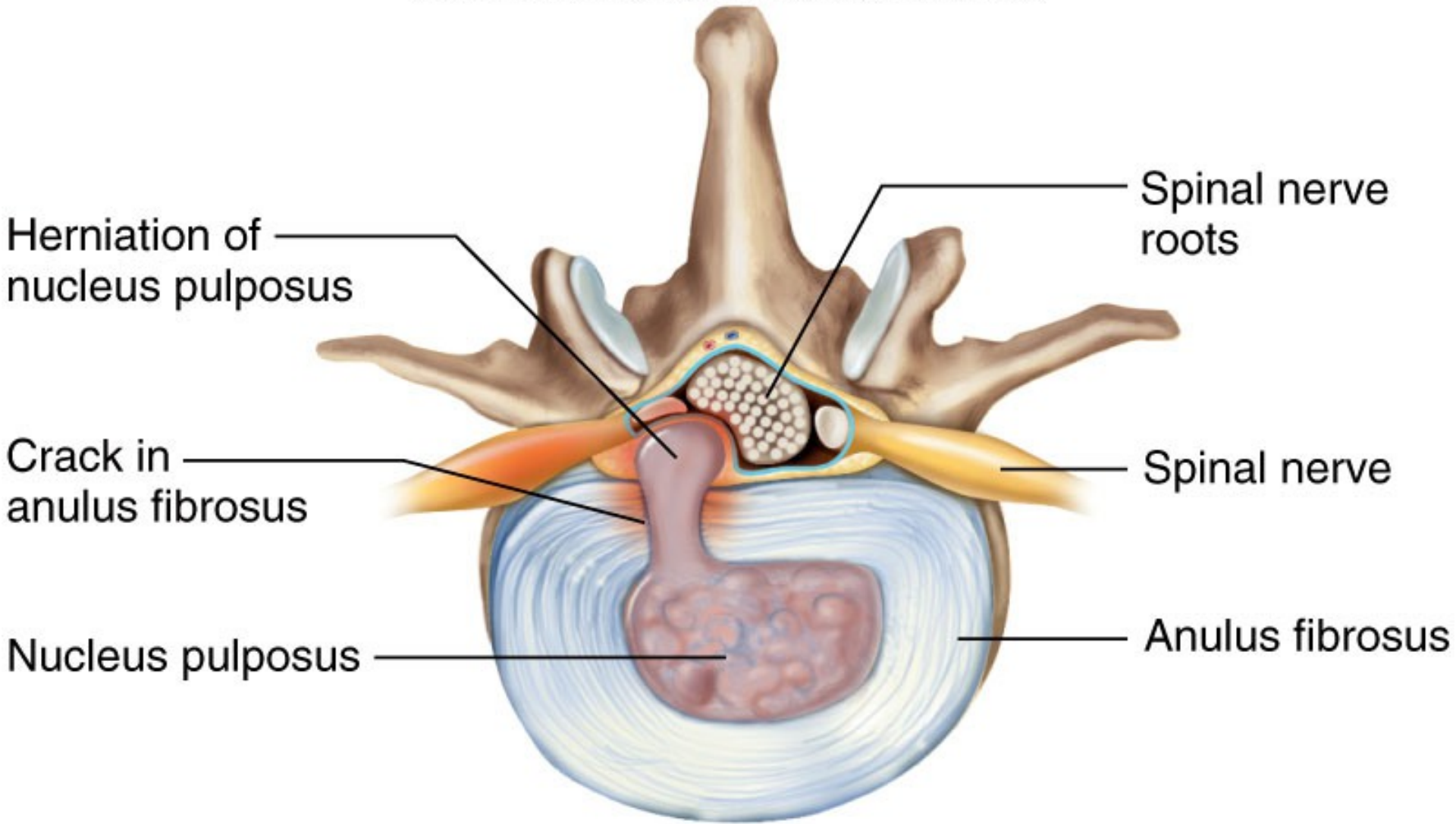
**(b) Intervertebral disc**



**(c) Herniated disc**

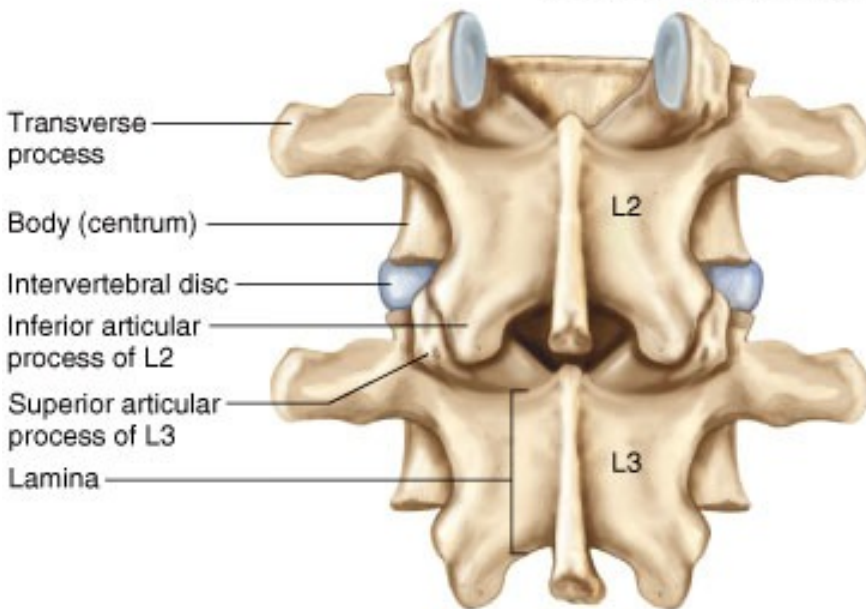


**(b) Intervertebral disc**

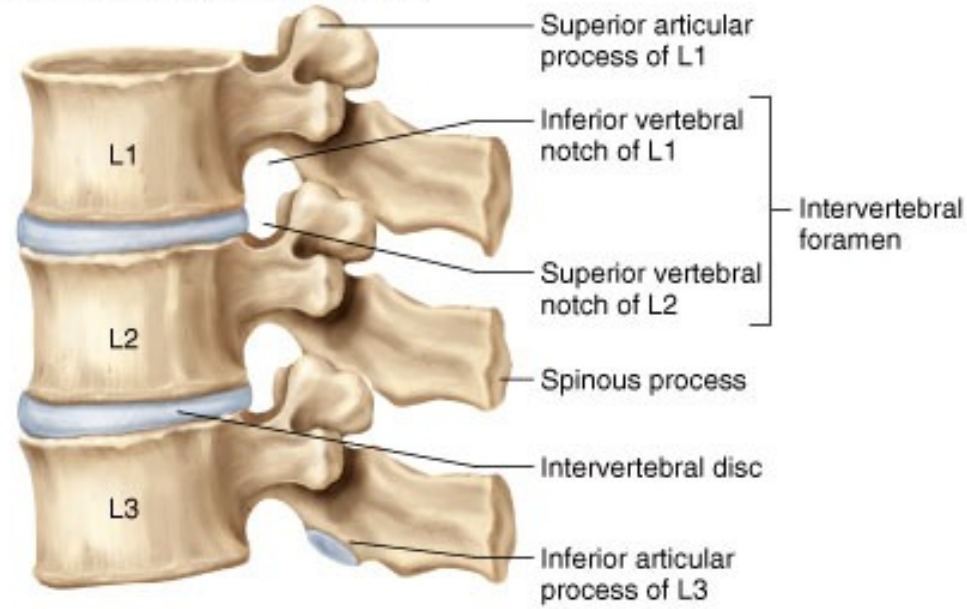


**(c) Herniated disc**

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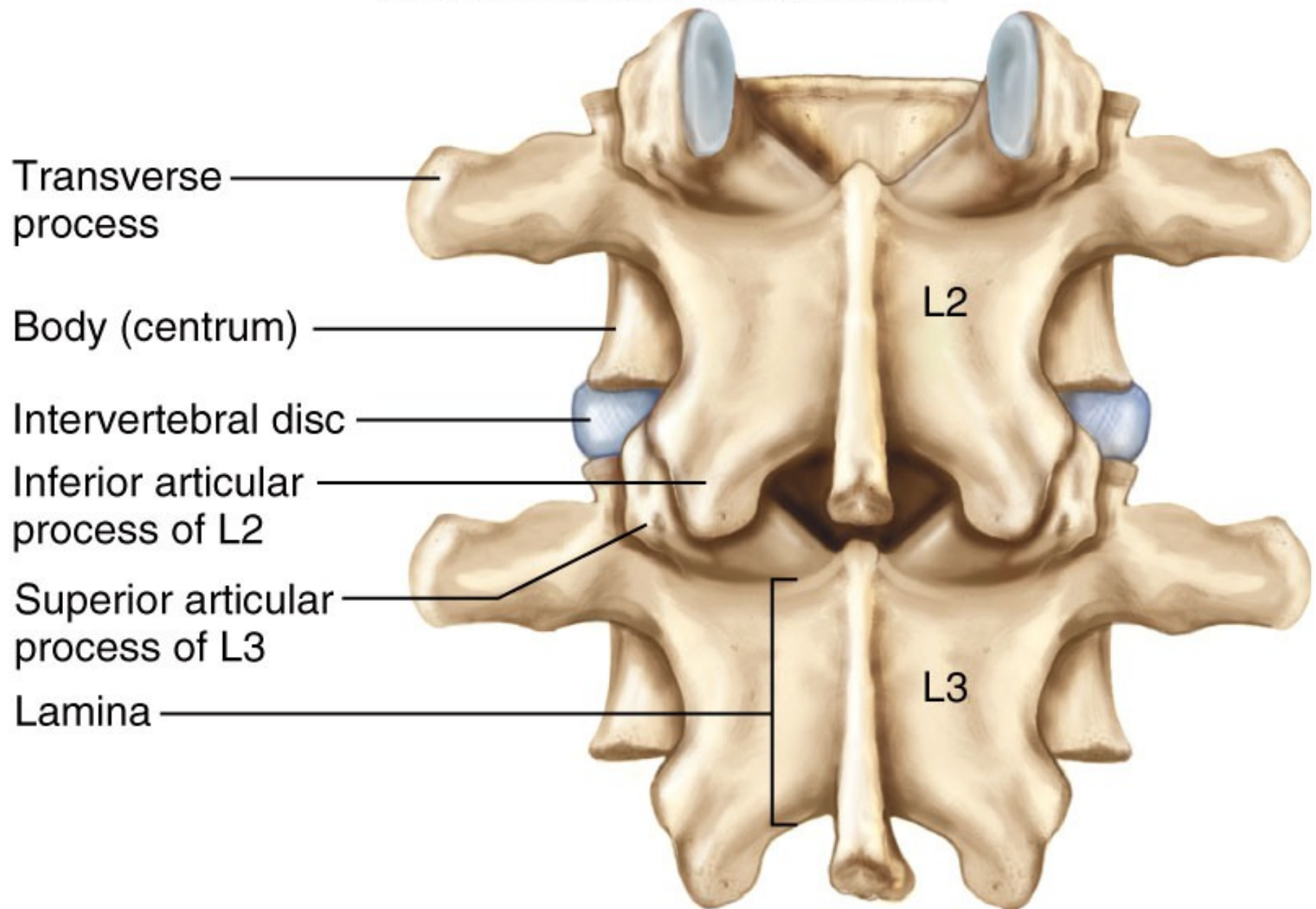


**(a) Posterior (dorsal) view**

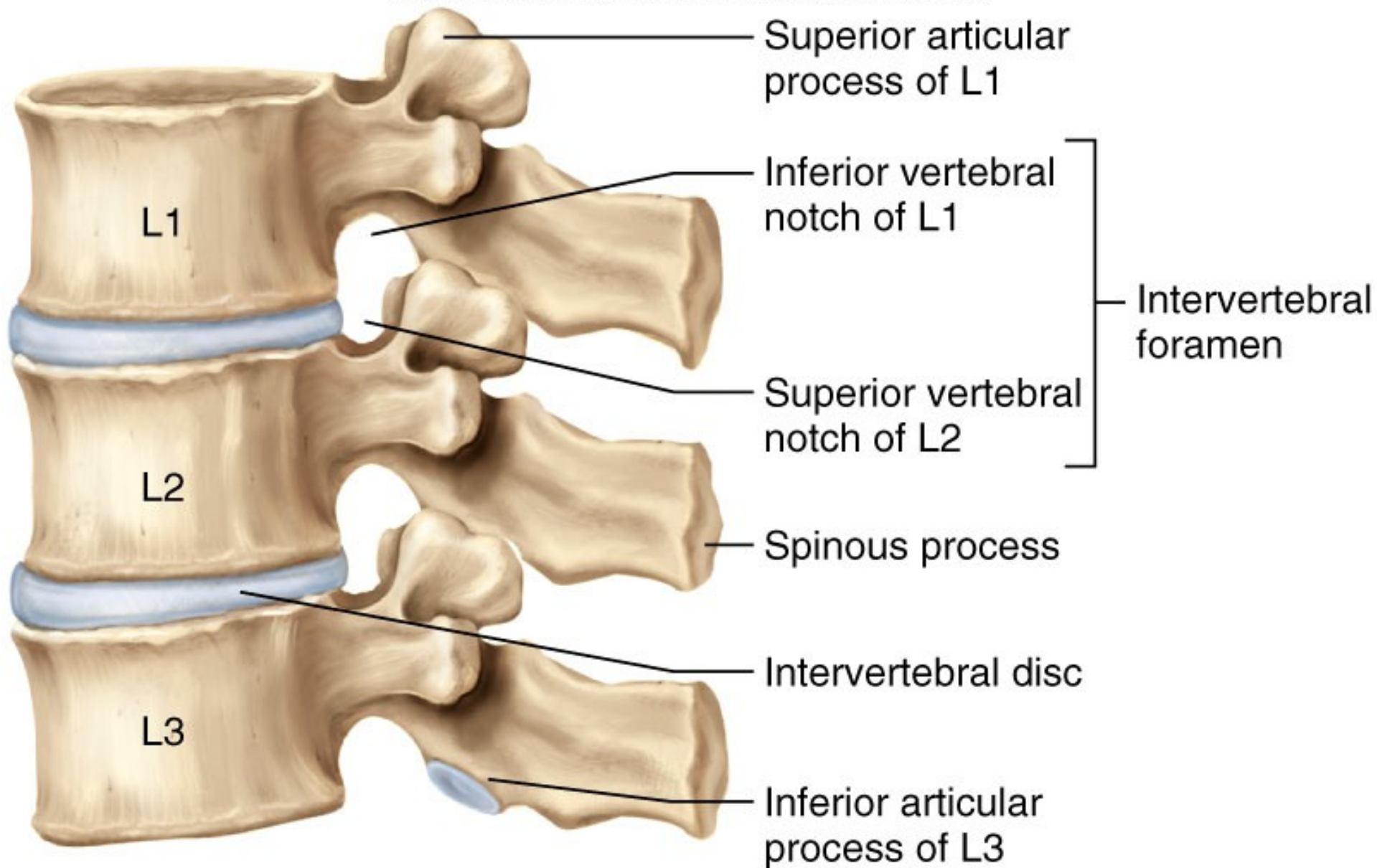


**(b) Left lateral view**



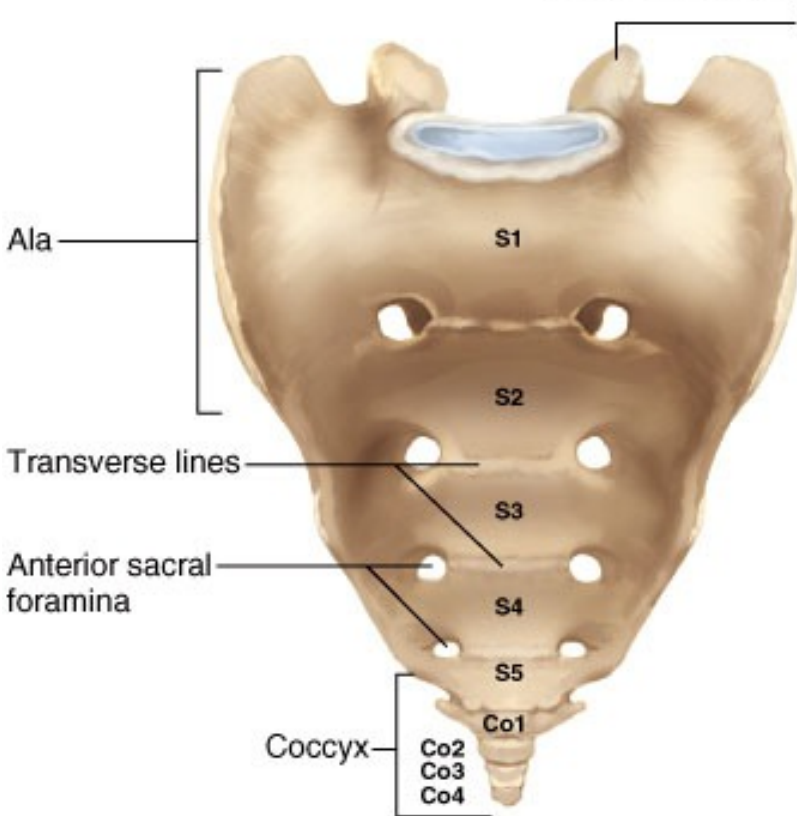


**(a) Posterior (dorsal) view**

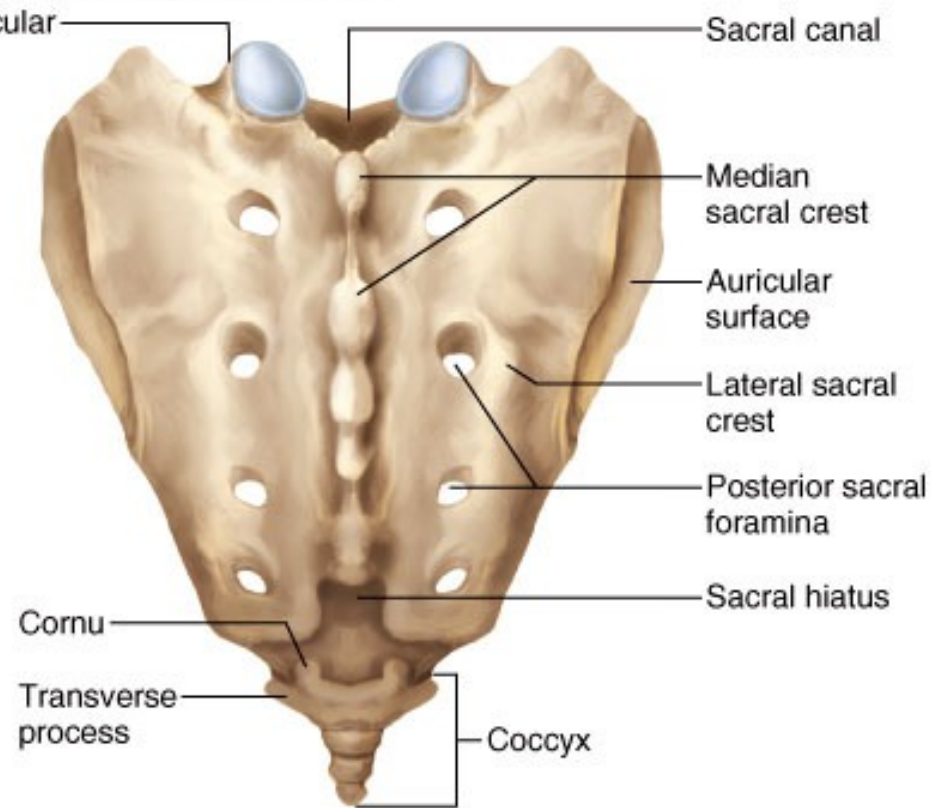


**(b) Left lateral view**

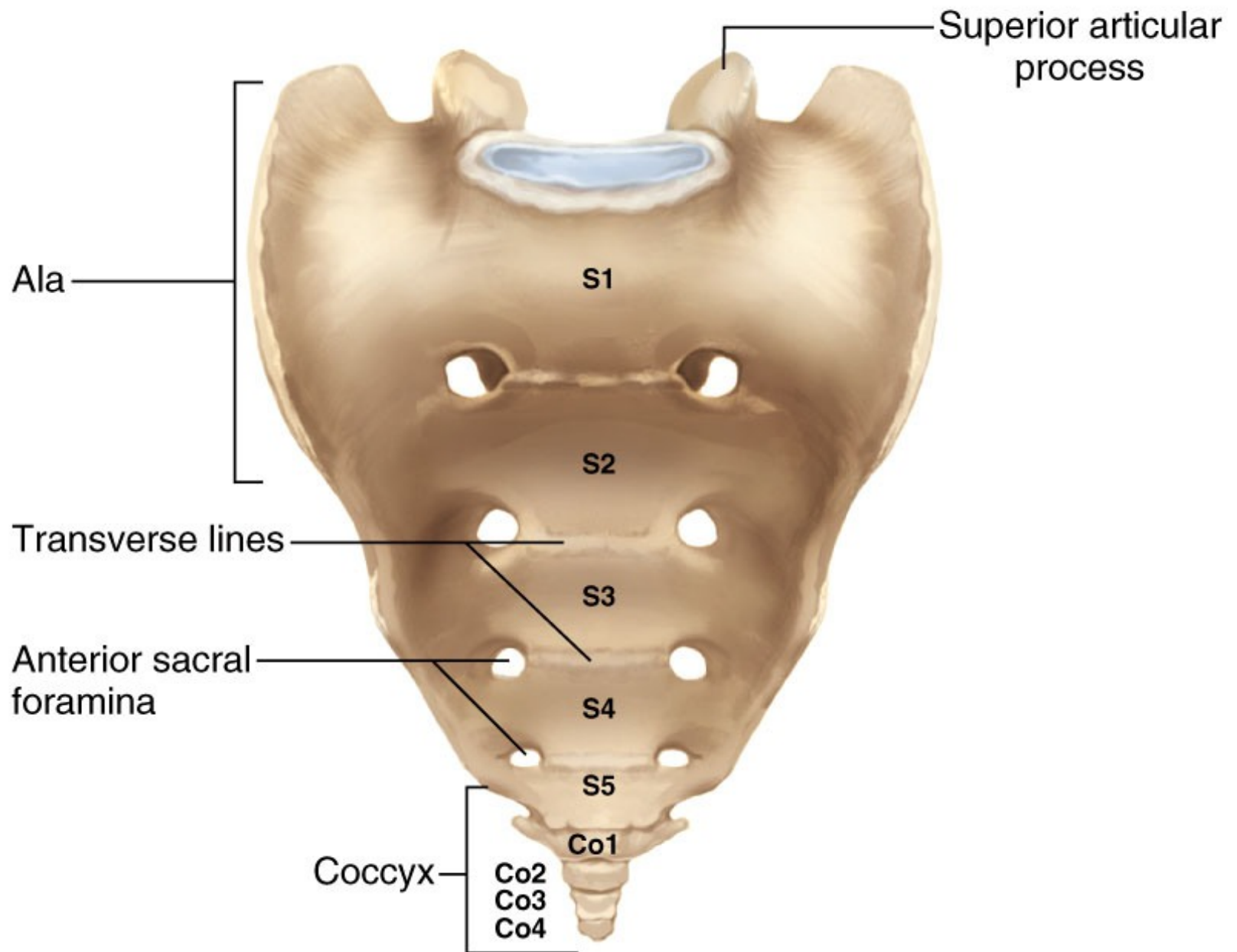
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**(a) Anterior view**

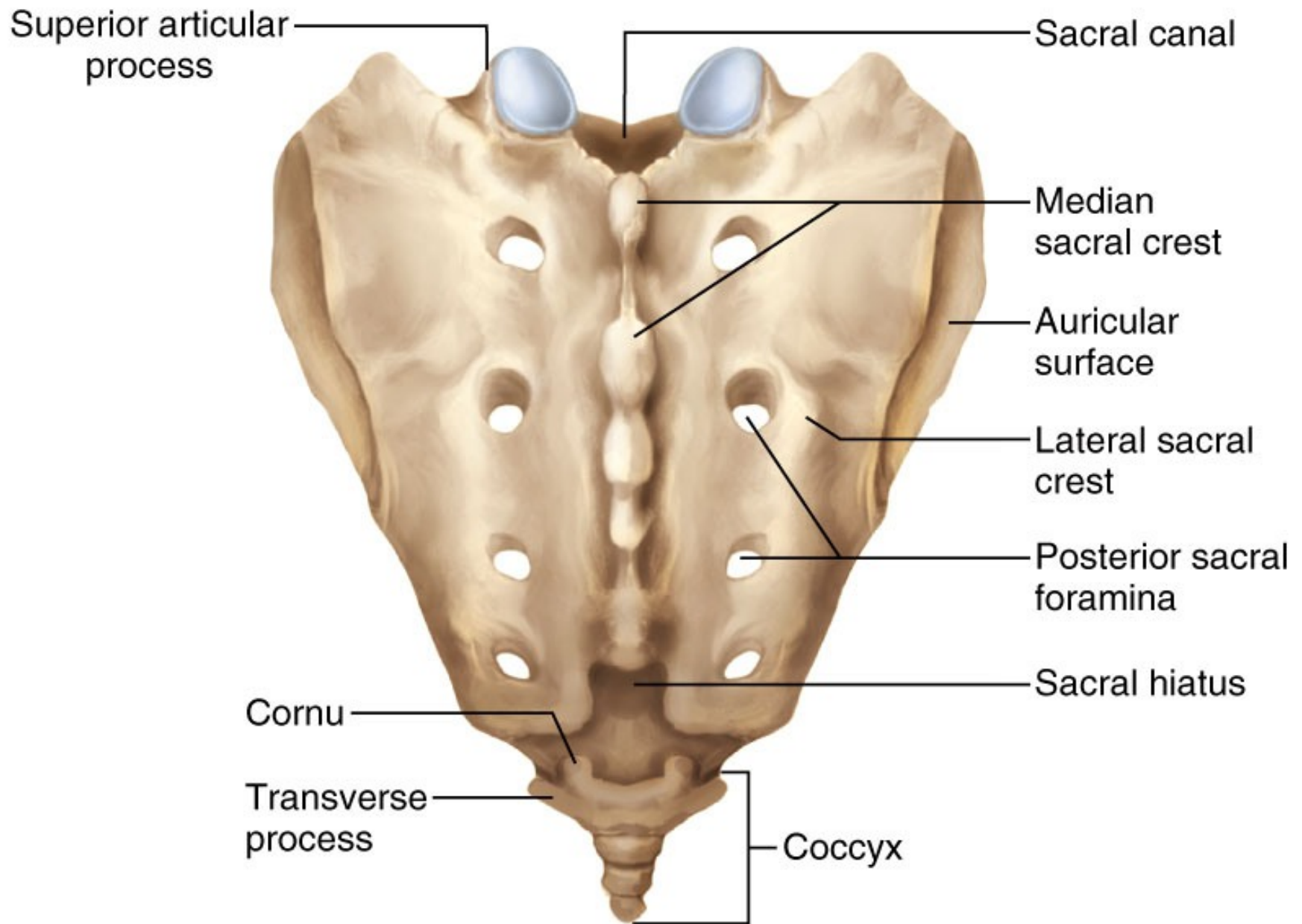


(b) Posterior view



**(a) Anterior view**





**(b) Posterior view**







**(a) Scoliosis**



**(b) Kyphosis**  
("hunchback")



**(c) Lordosis**  
("swayback")

**Key**

— Normal  
— Pathological

# Scapula

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(a) Anterior view



(b) Posterior view

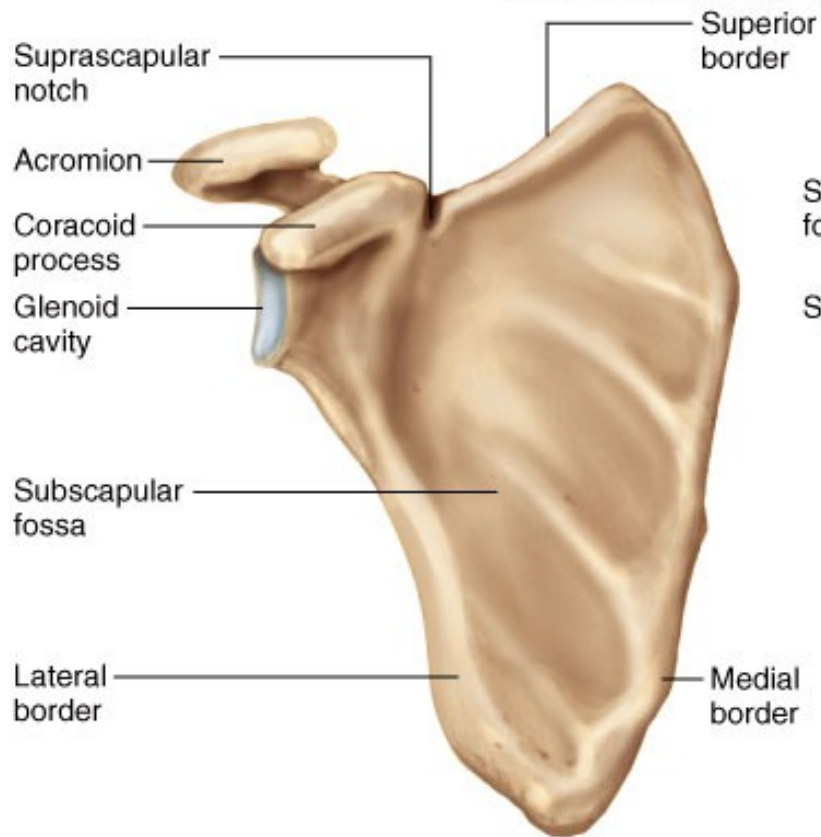


- Triangular plate overlies ribs 2 to 7
- Spine ends as acromion process
- Coracoid process = muscle attachment
- Subscapular, infraspinous and supraspinous fossa
- Glenoid fossa = socket for head of humerus

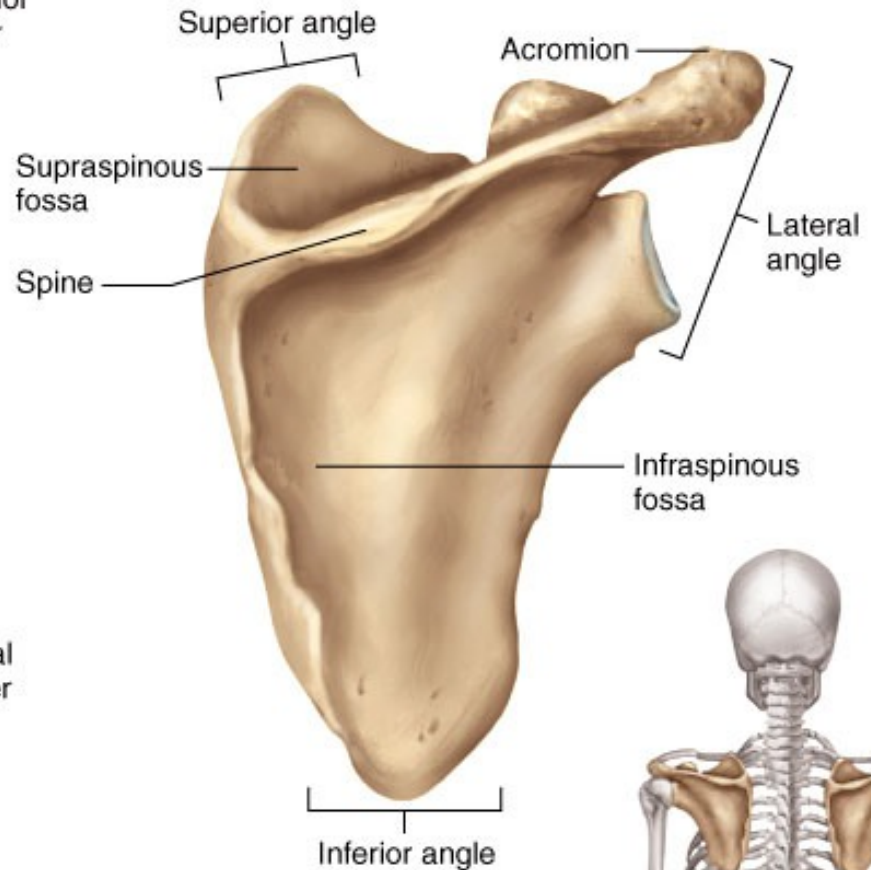


# Scapular Features

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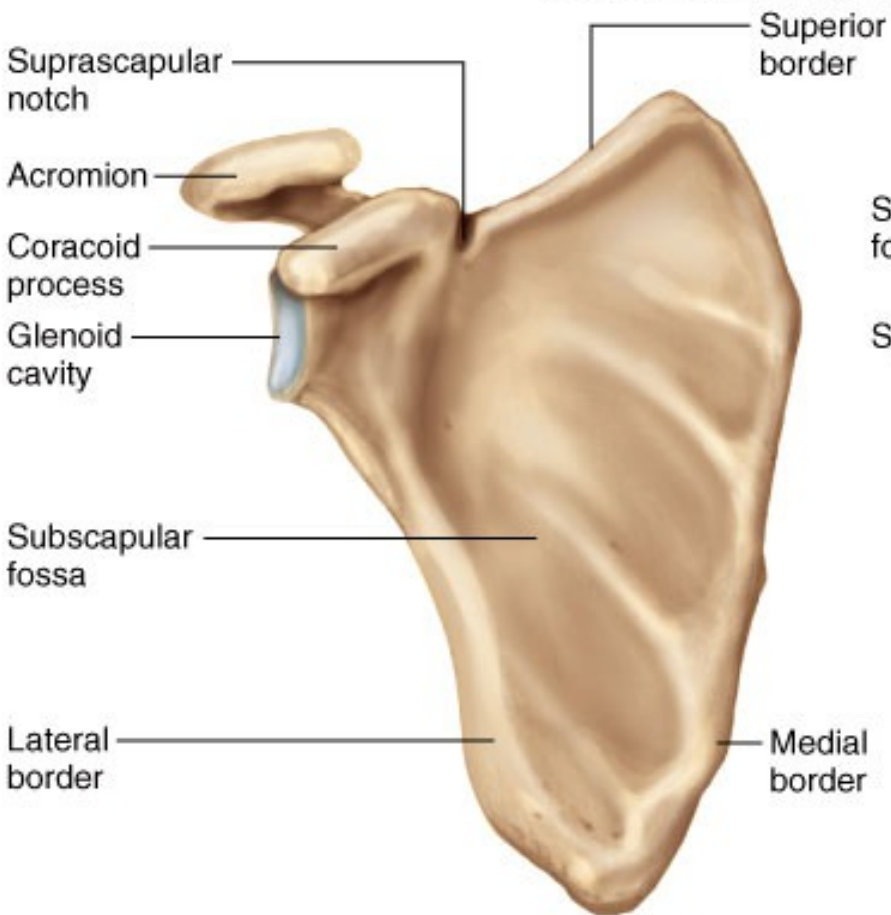


(a) Anterior view

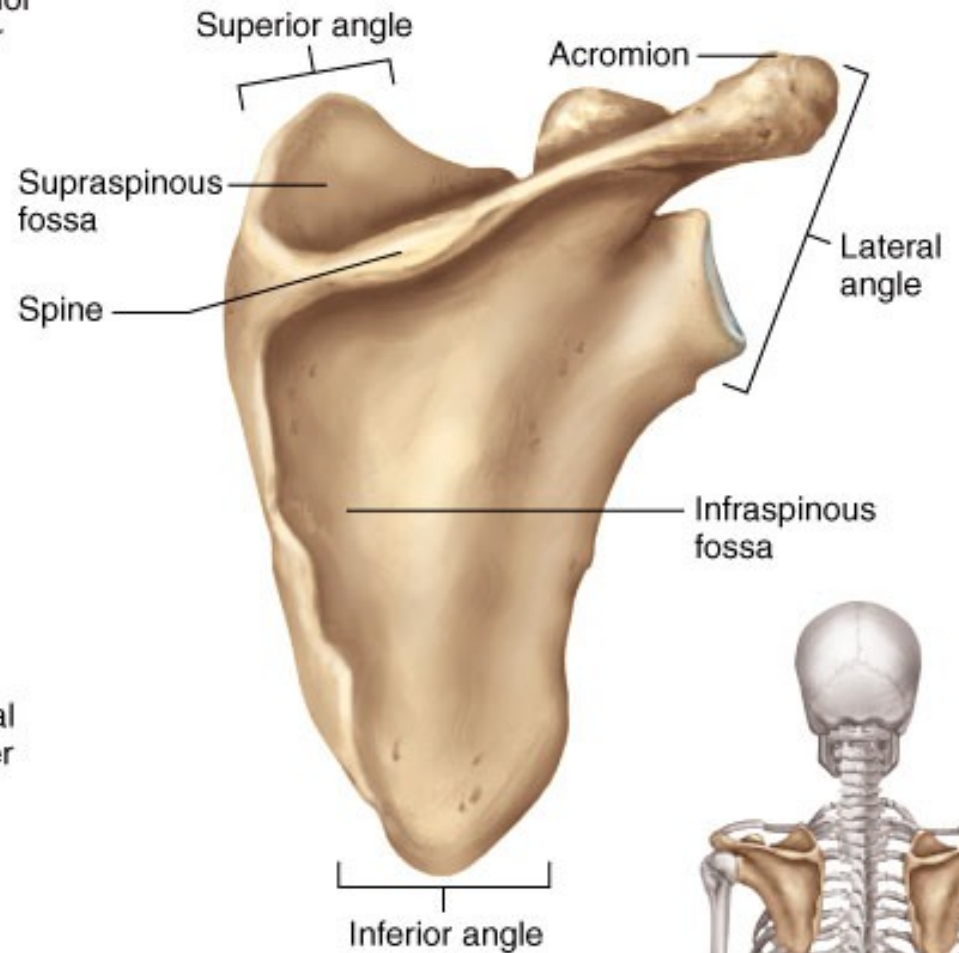


(b) Posterior view





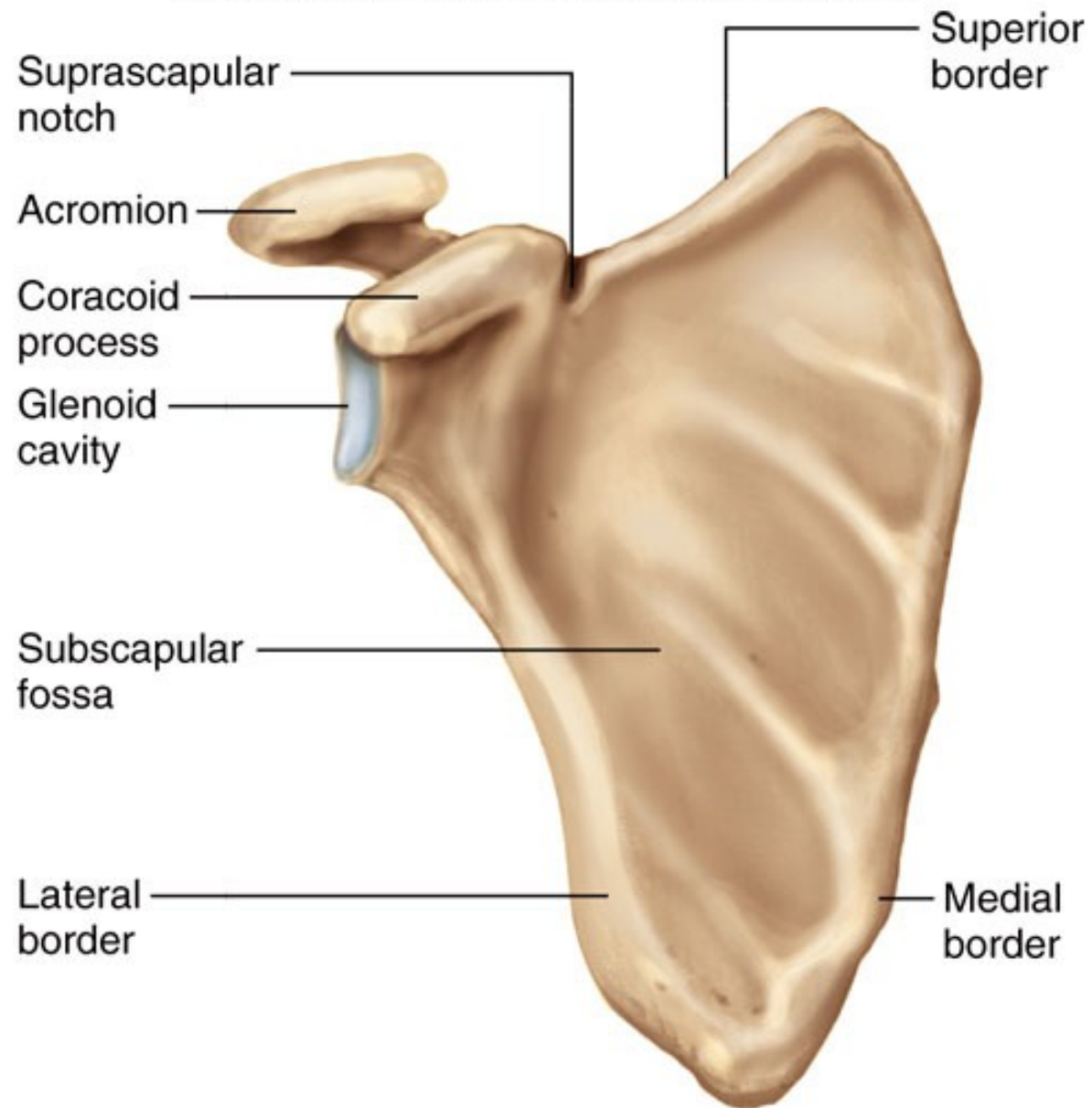
(a) Anterior view



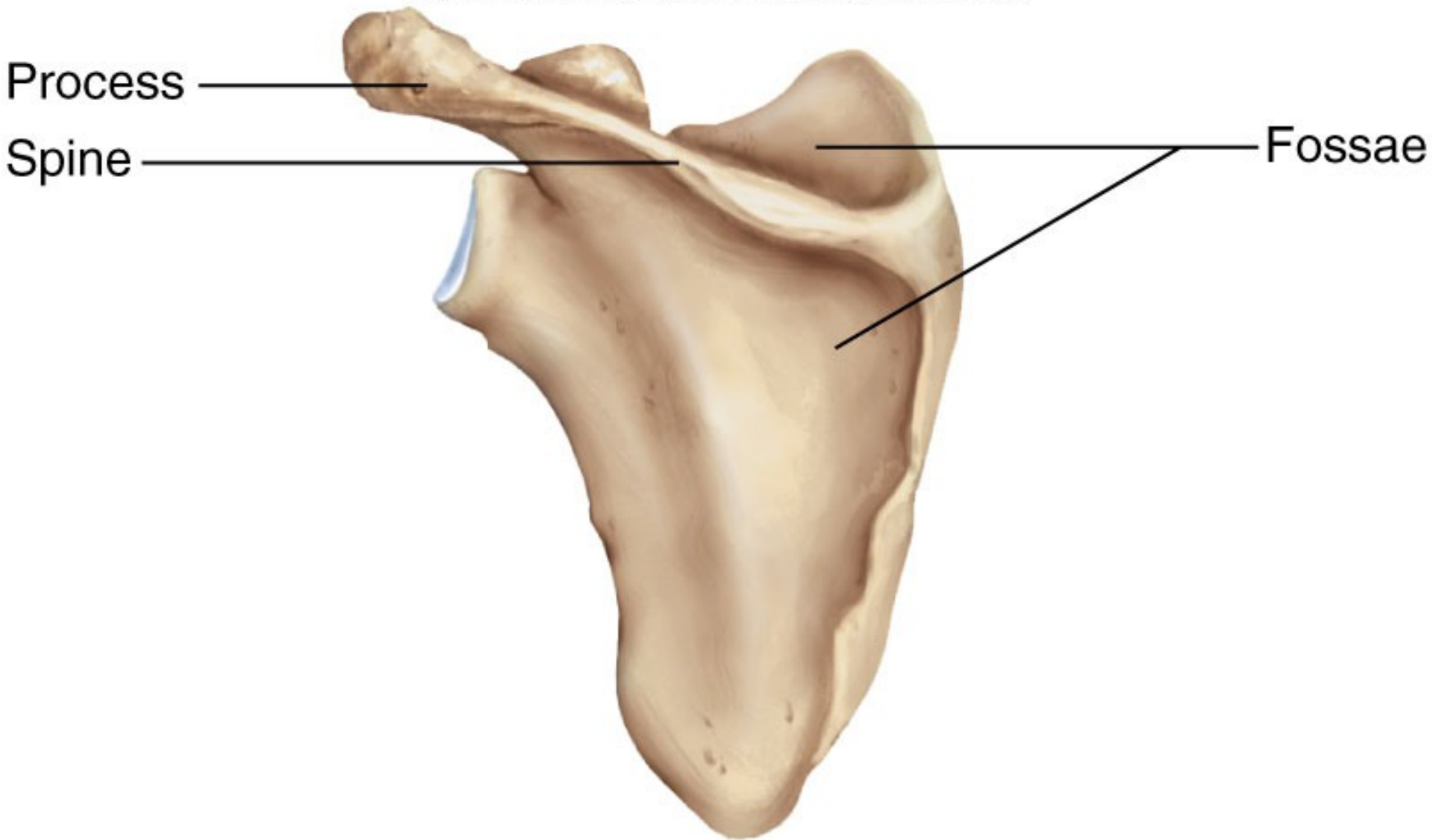
(b) Posterior view



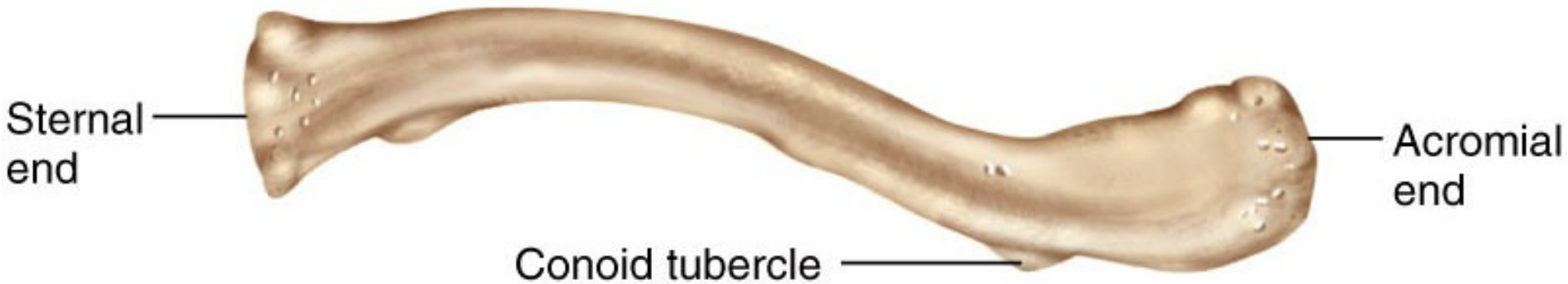




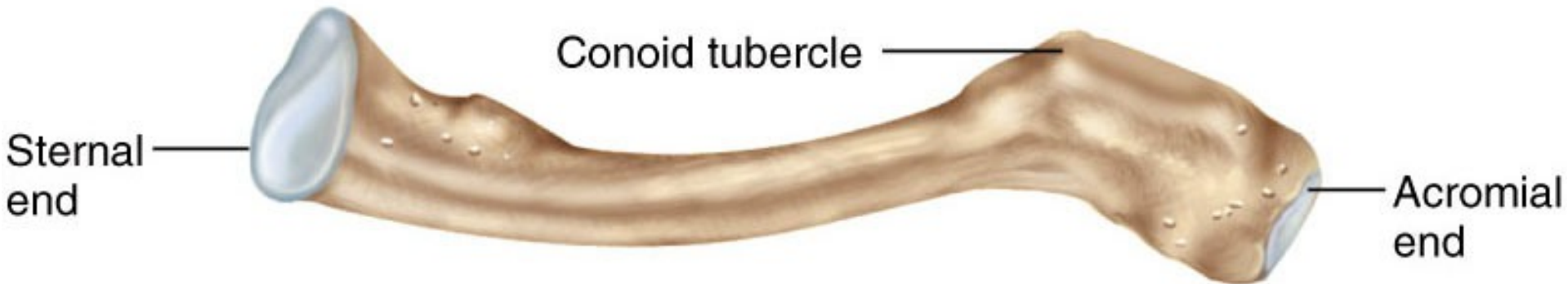
**(a) Anterior view**



**(b) Scapula (posterior view)**

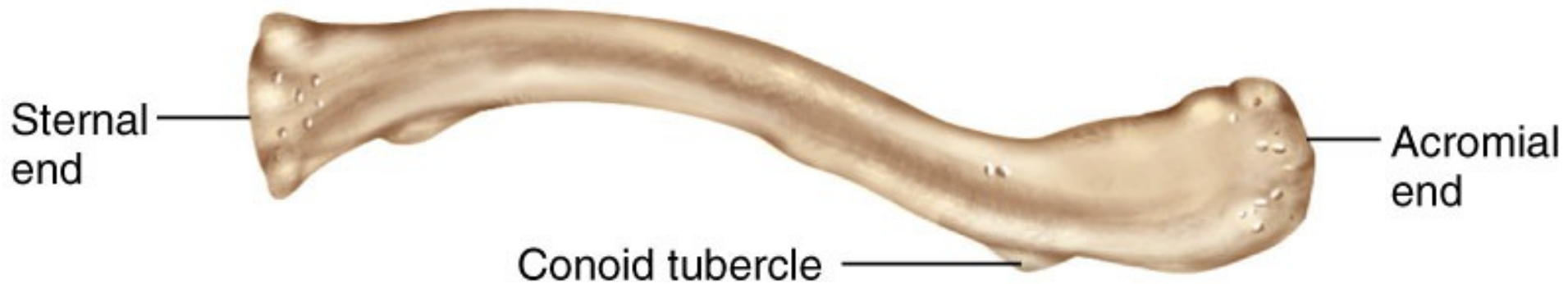


**(a) Superior view**



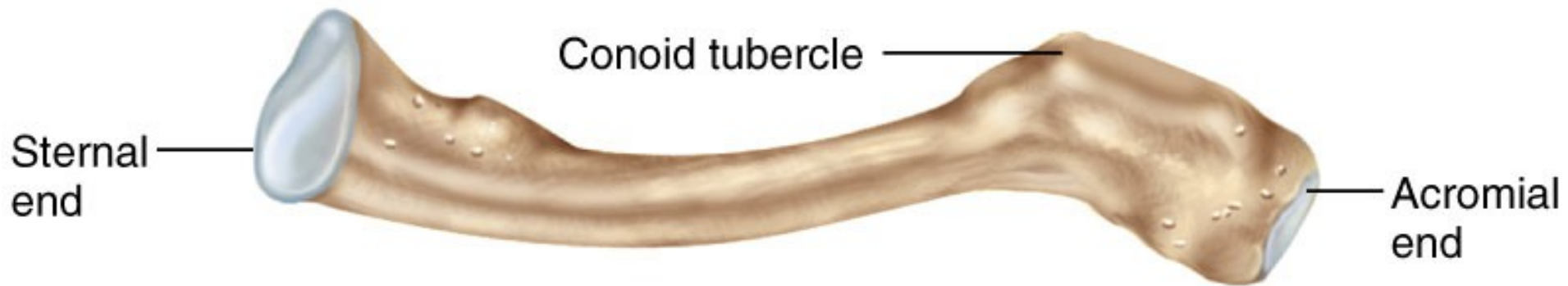
**(b) Inferior view**

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**(a) Superior view**

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**(b) Inferior view**



# Clavicle

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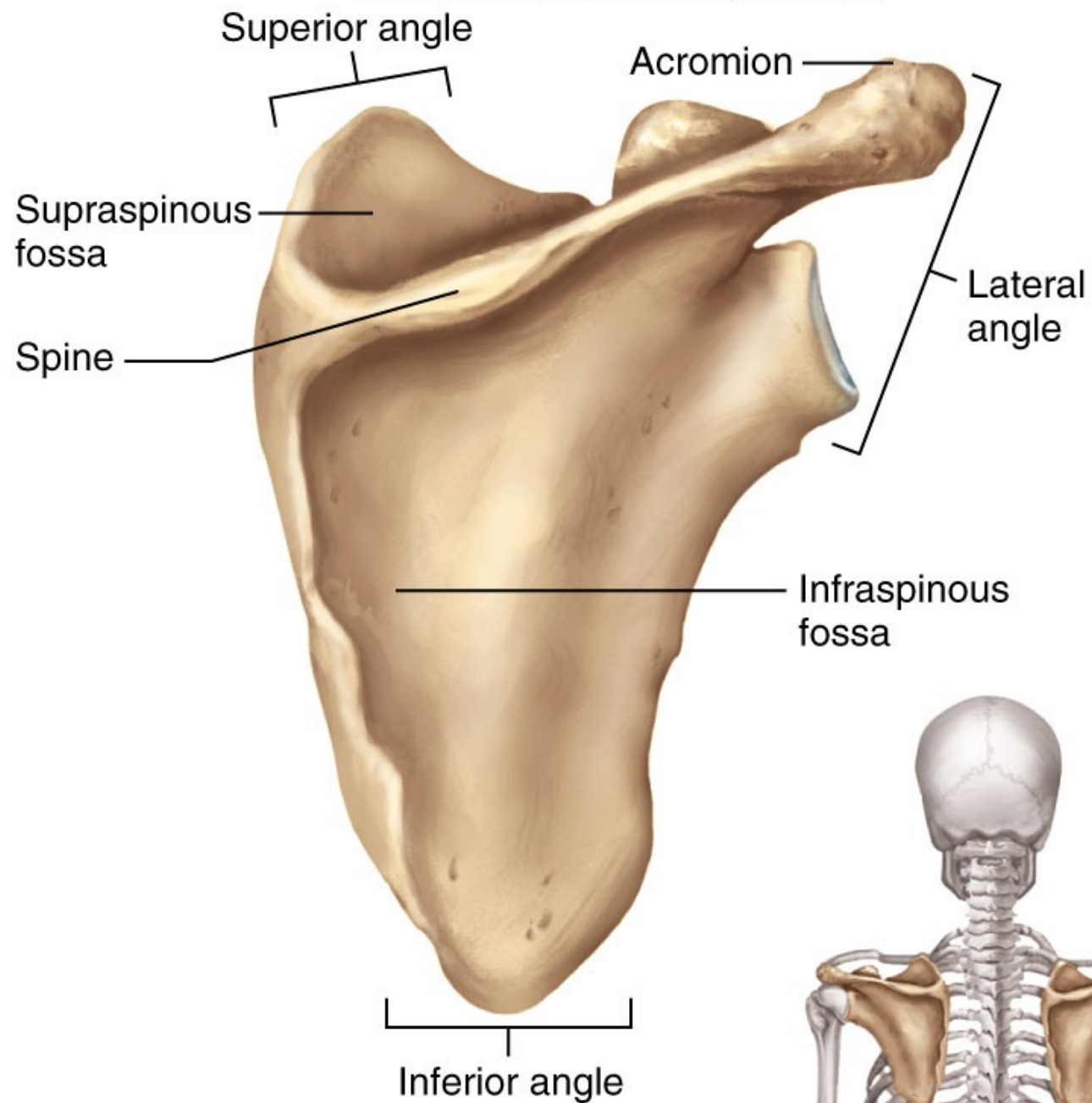


**(a) Superior view**



**(b) Inferior view**

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



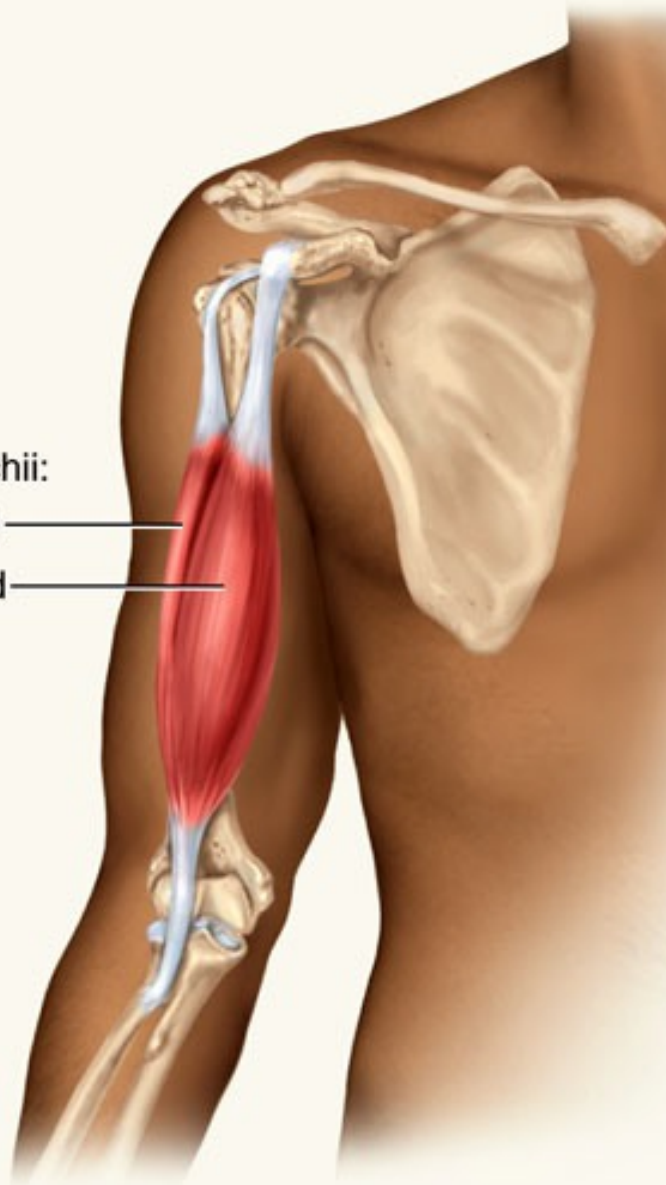
**(b) Posterior view**



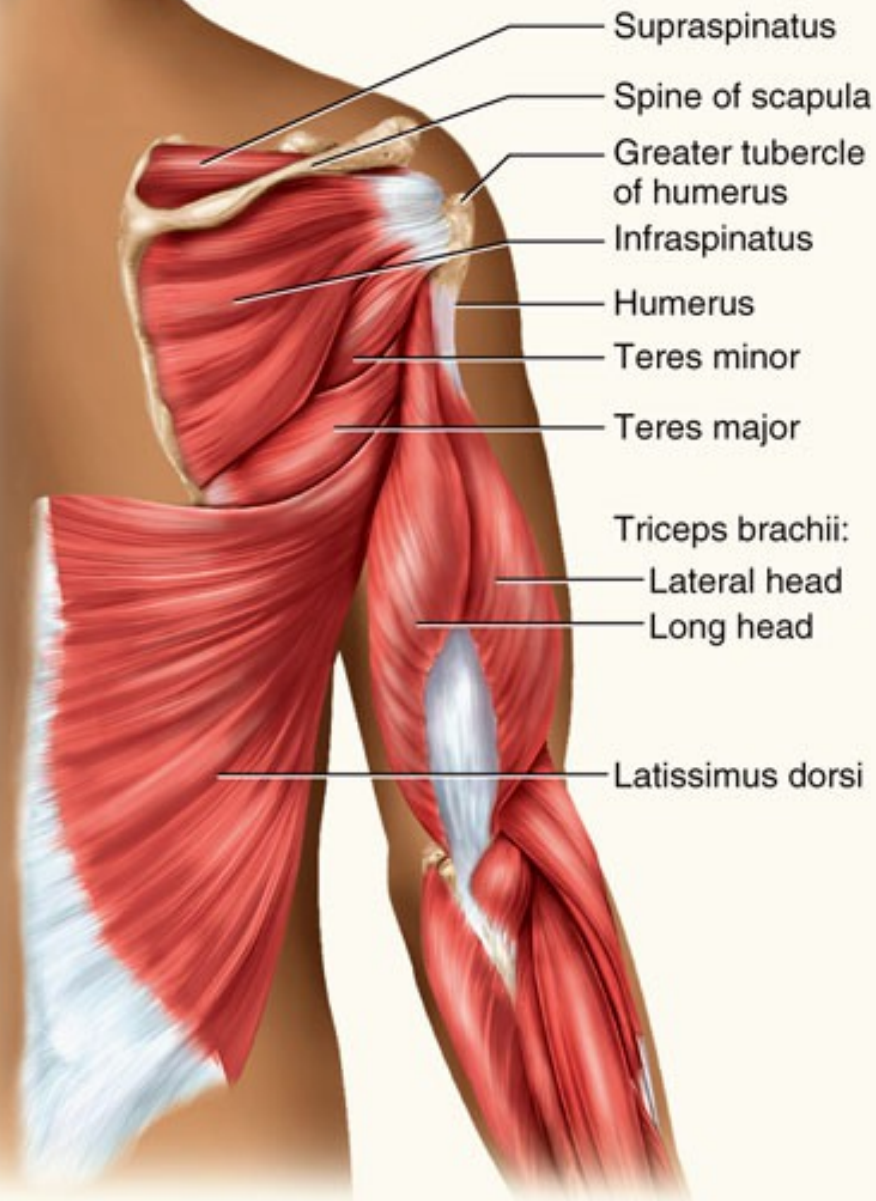
Biceps brachii:

Long head

Short head



**(c) Anterior view**



**(b) Posterior view**

