



Axial and appendicular skeletons

1- Morphological types of bones

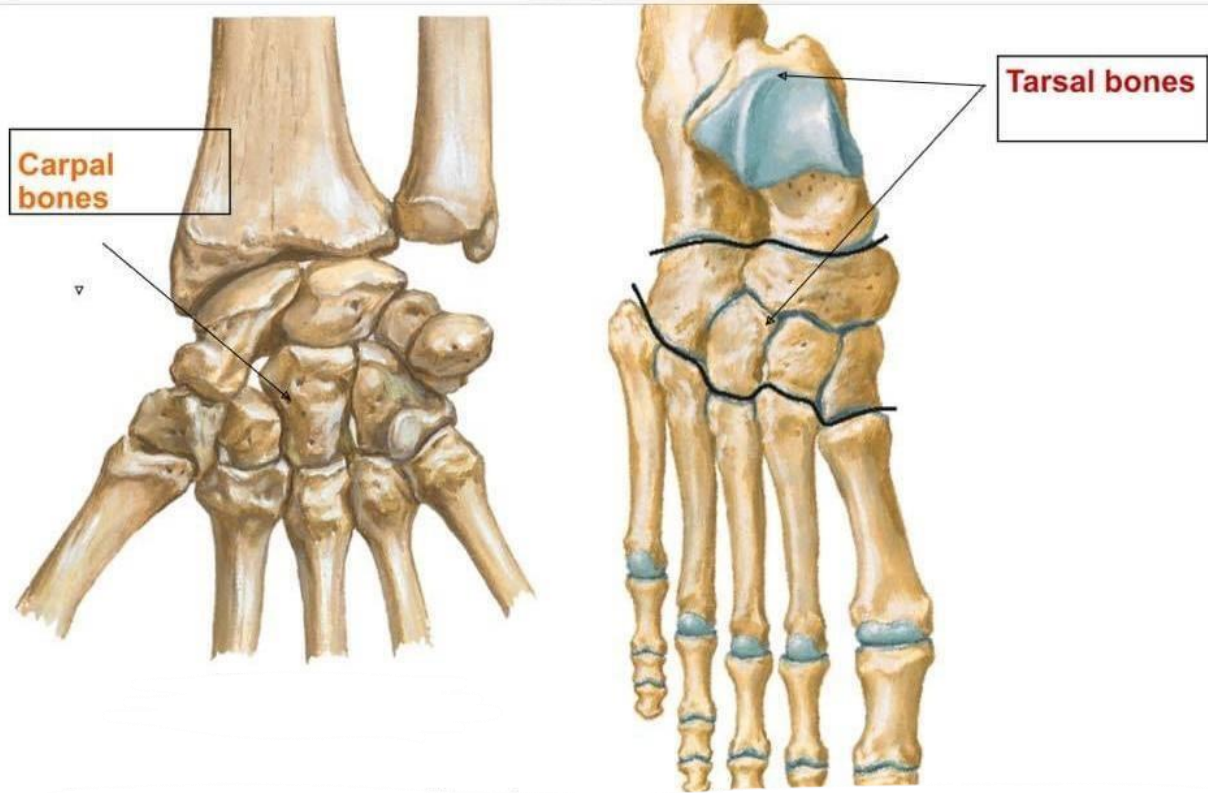


Humerus



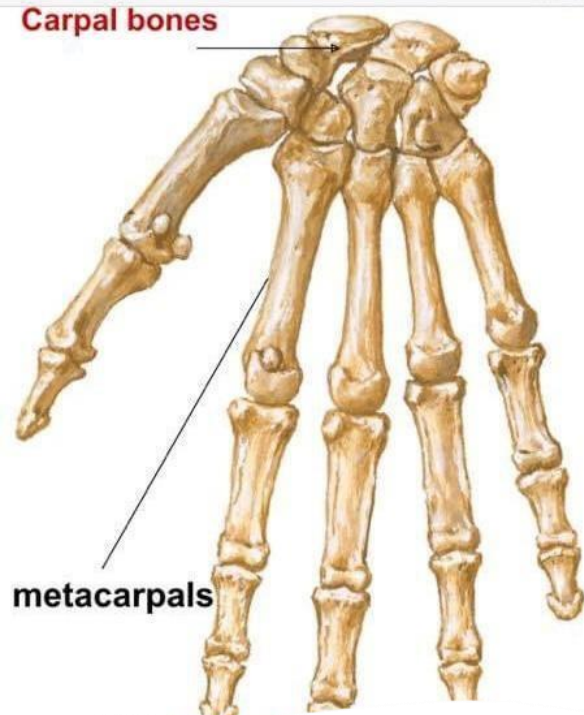
Femur

Long bones



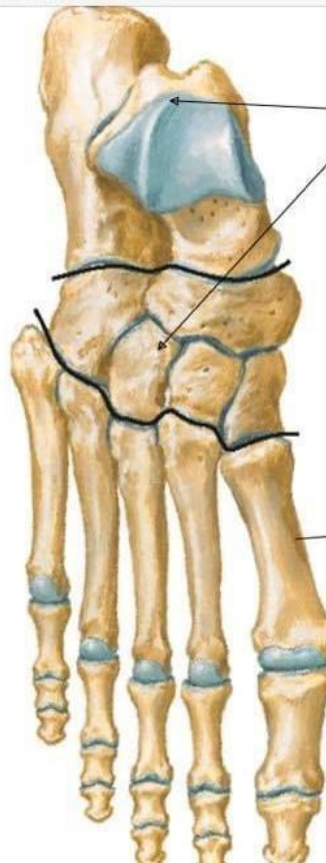
Short bones

Carpal bones



metacarpals

Tarsal bones

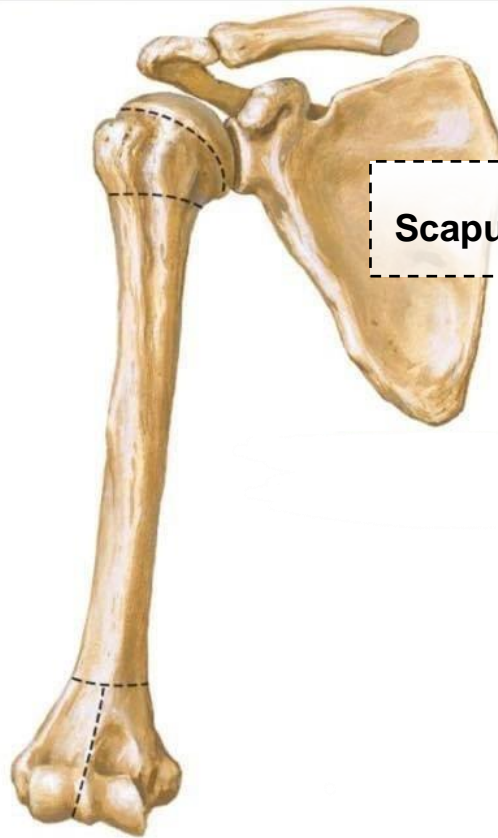


Metatarsals

Short & long bones

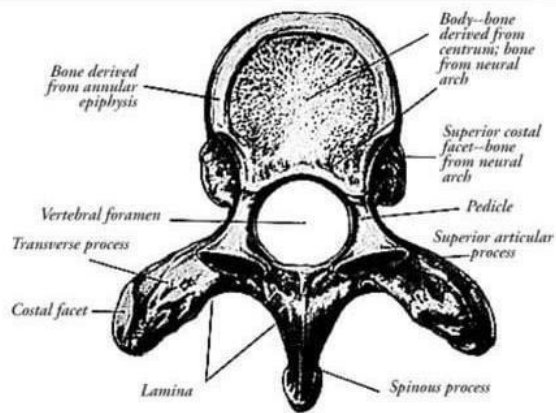


Skull vault



Scapula

Flat bones



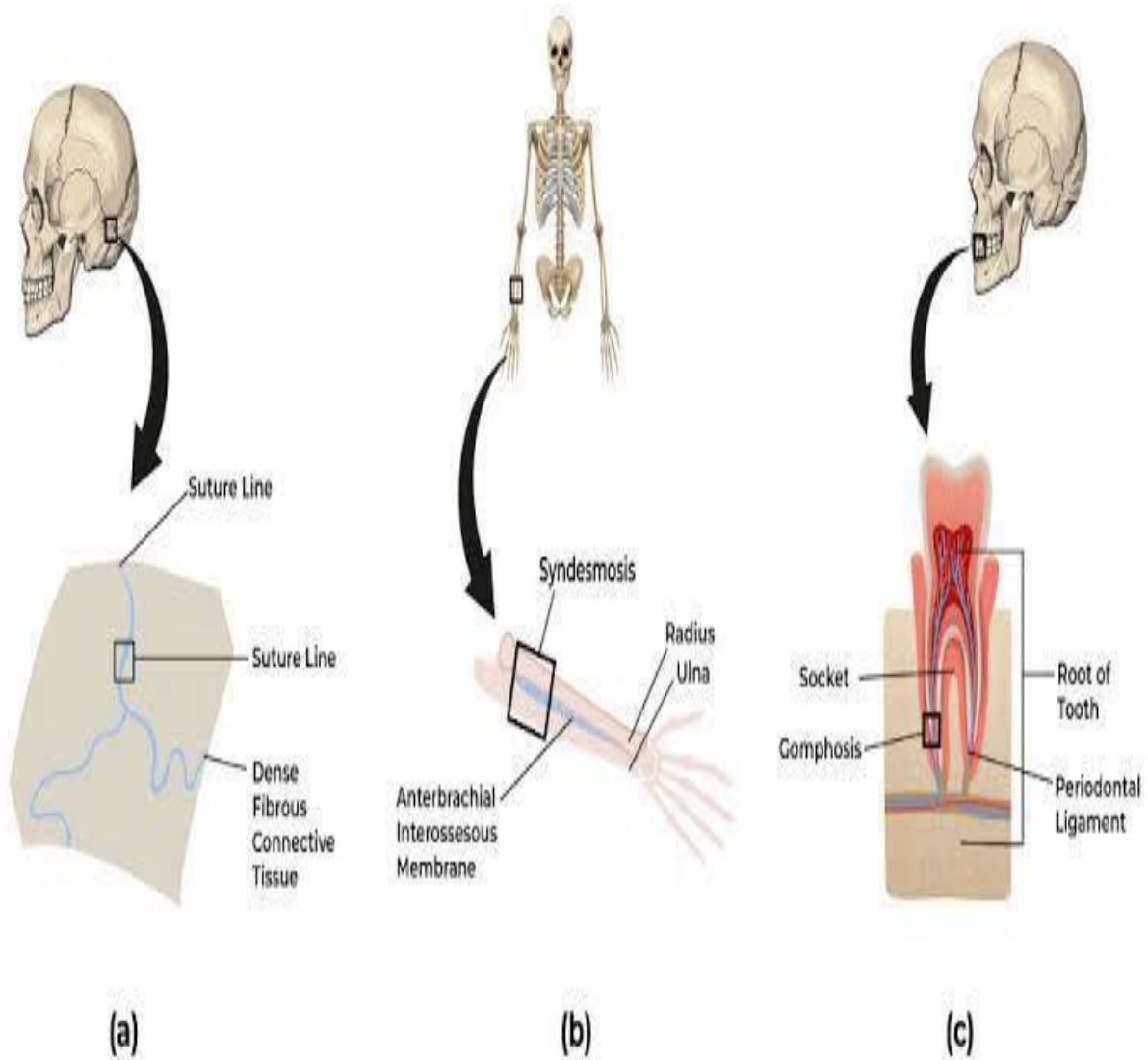
Vertebra

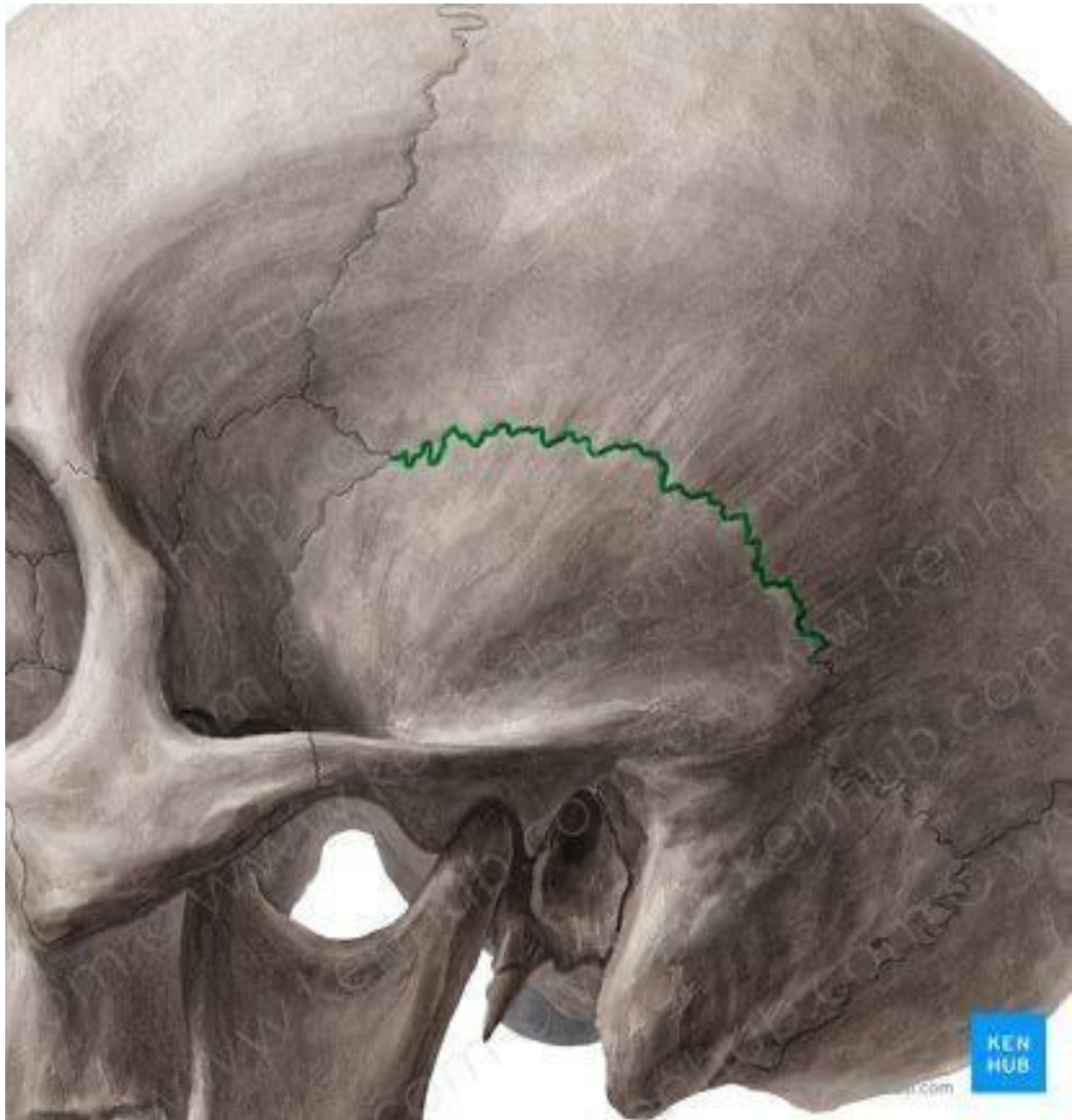


Hip bone

Irregular bones

Fibrous Joint



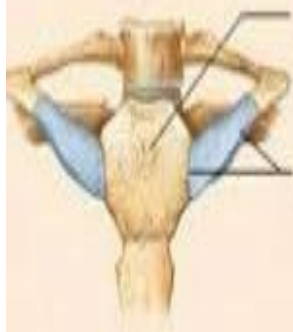


Skull sutures

Types of Cartilaginous Joint

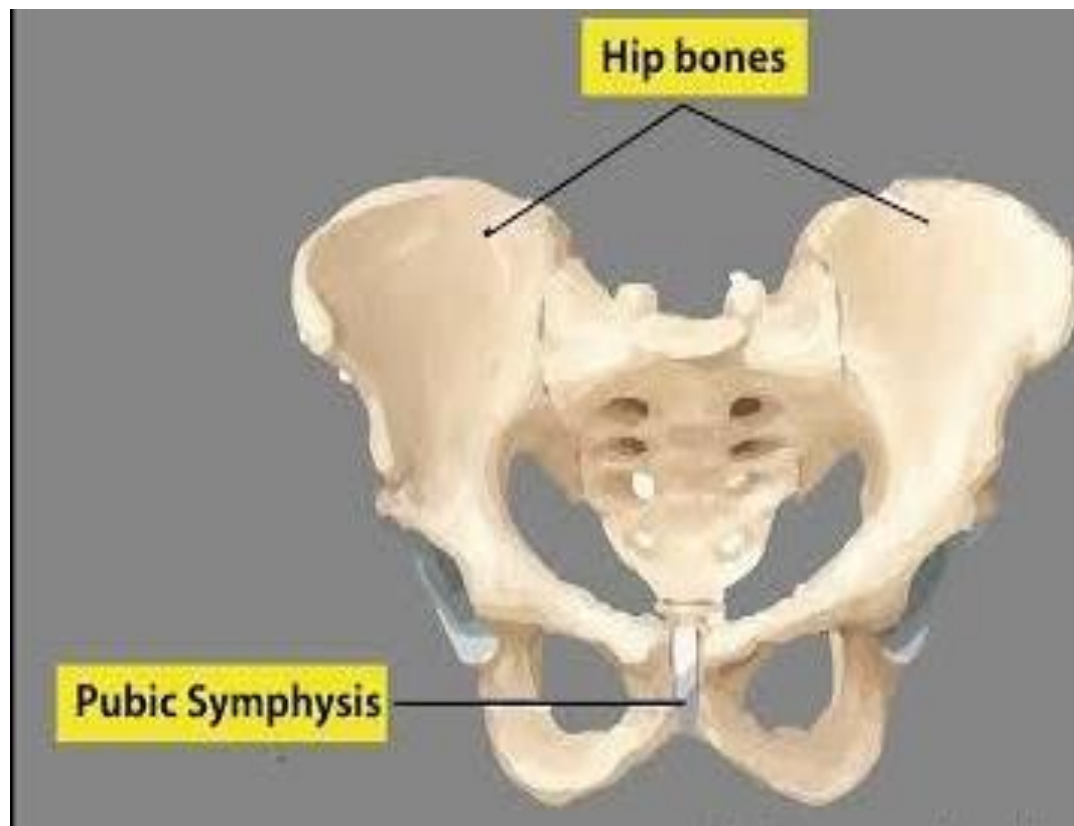
Joint Series
3

Primary
Cartilaginous
Joint



Secondary
Cartilaginous
Joint





Secondary cartilaginous (pubic symphysis)

SKELETON 2

SYNOVIAL JOINTS

Plane synovial joint / Gliding joint



Pivot Joint



Hinge Joint



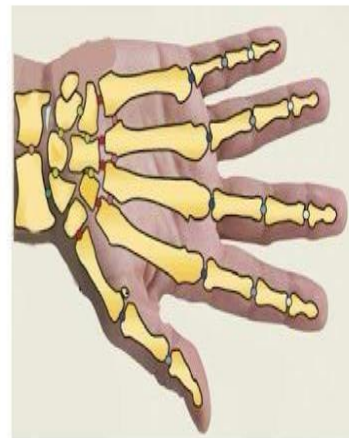
Condylod / Ellipsoid Joint

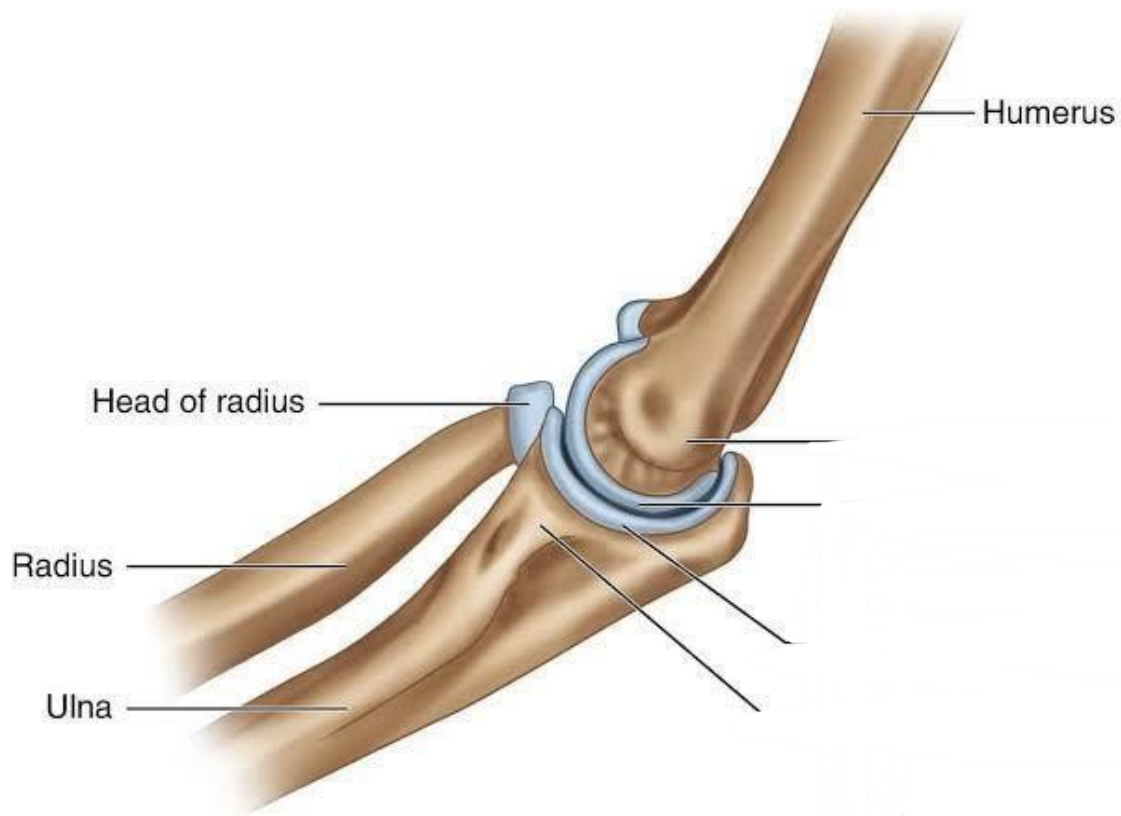


Ball & Socket Joint



Saddle Joint

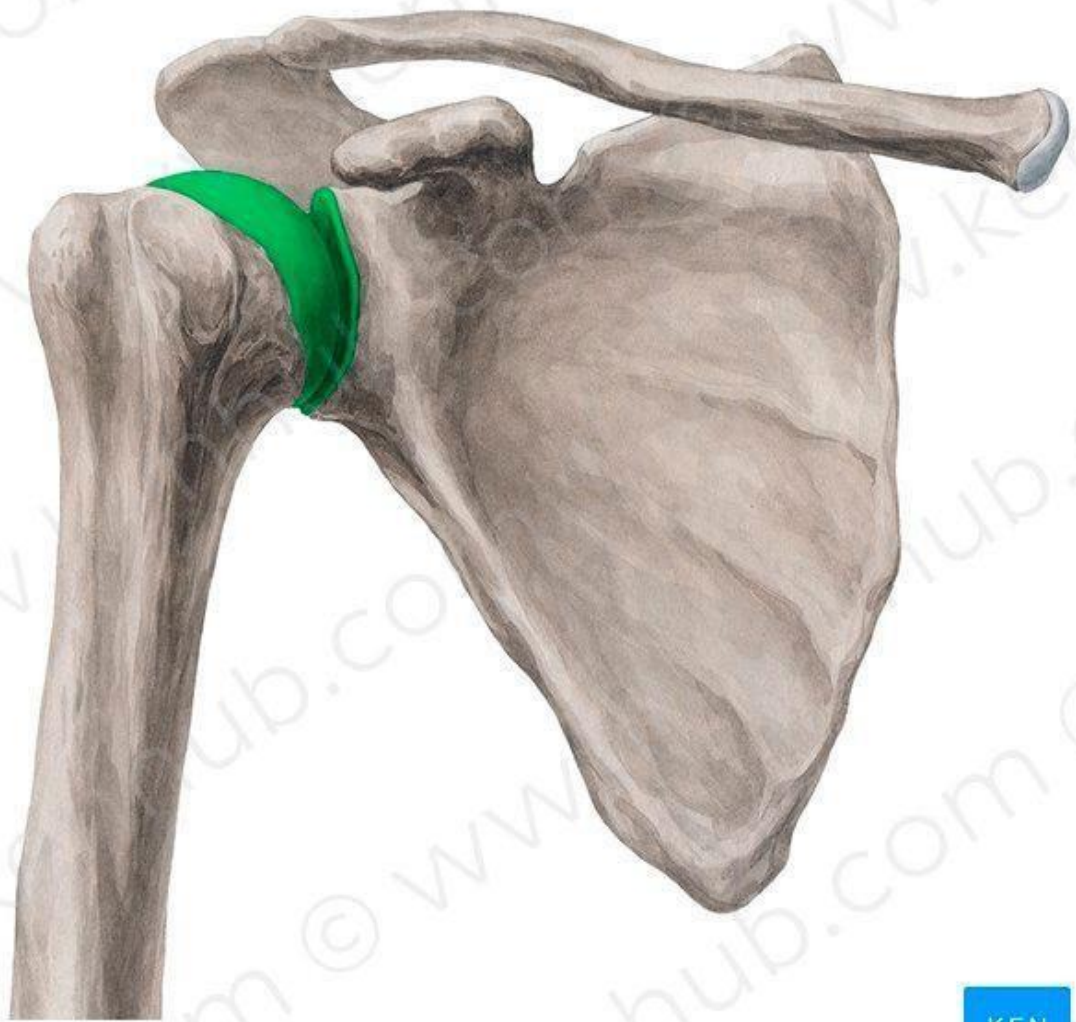




Elbow joint



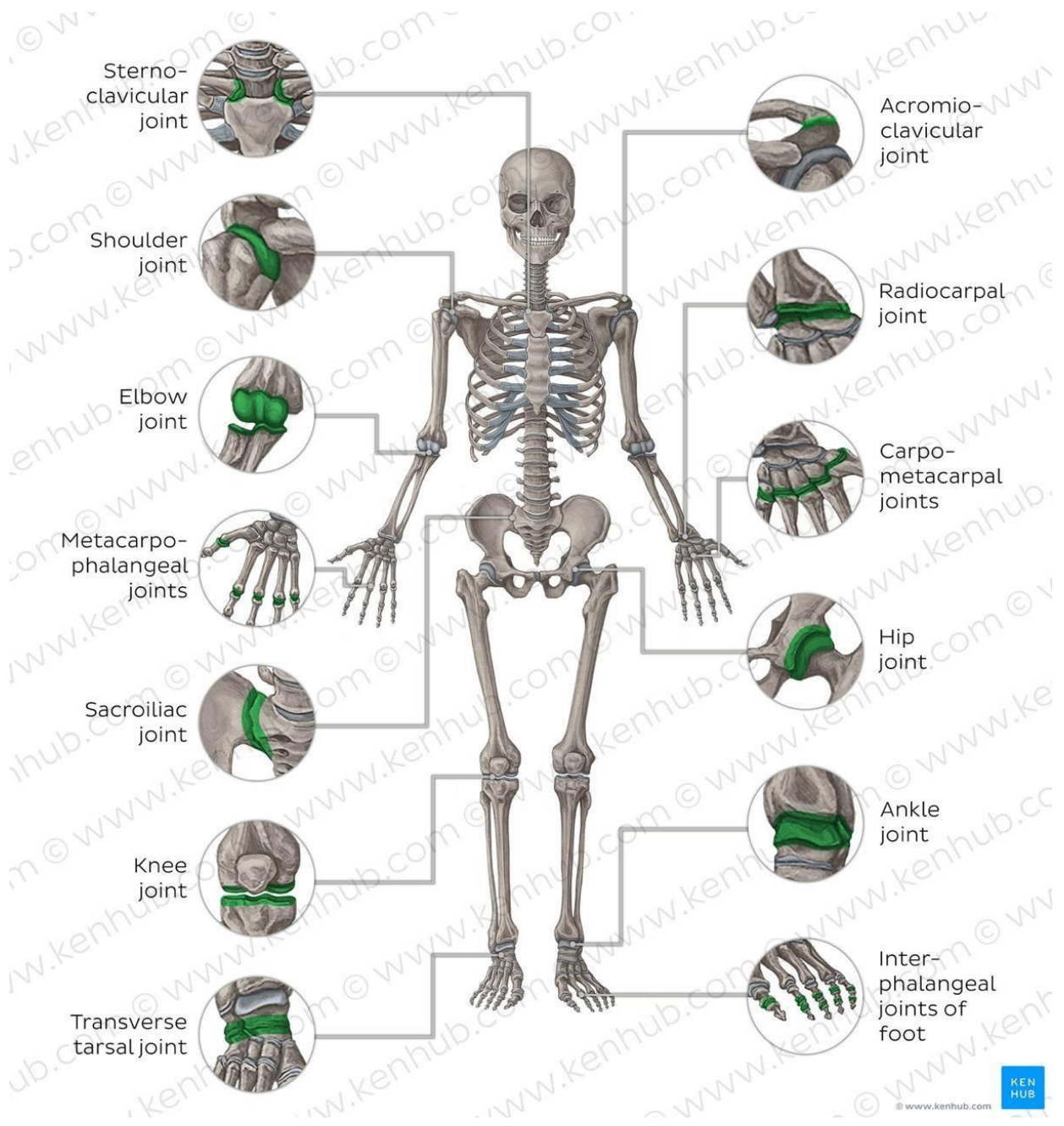
Knee joint

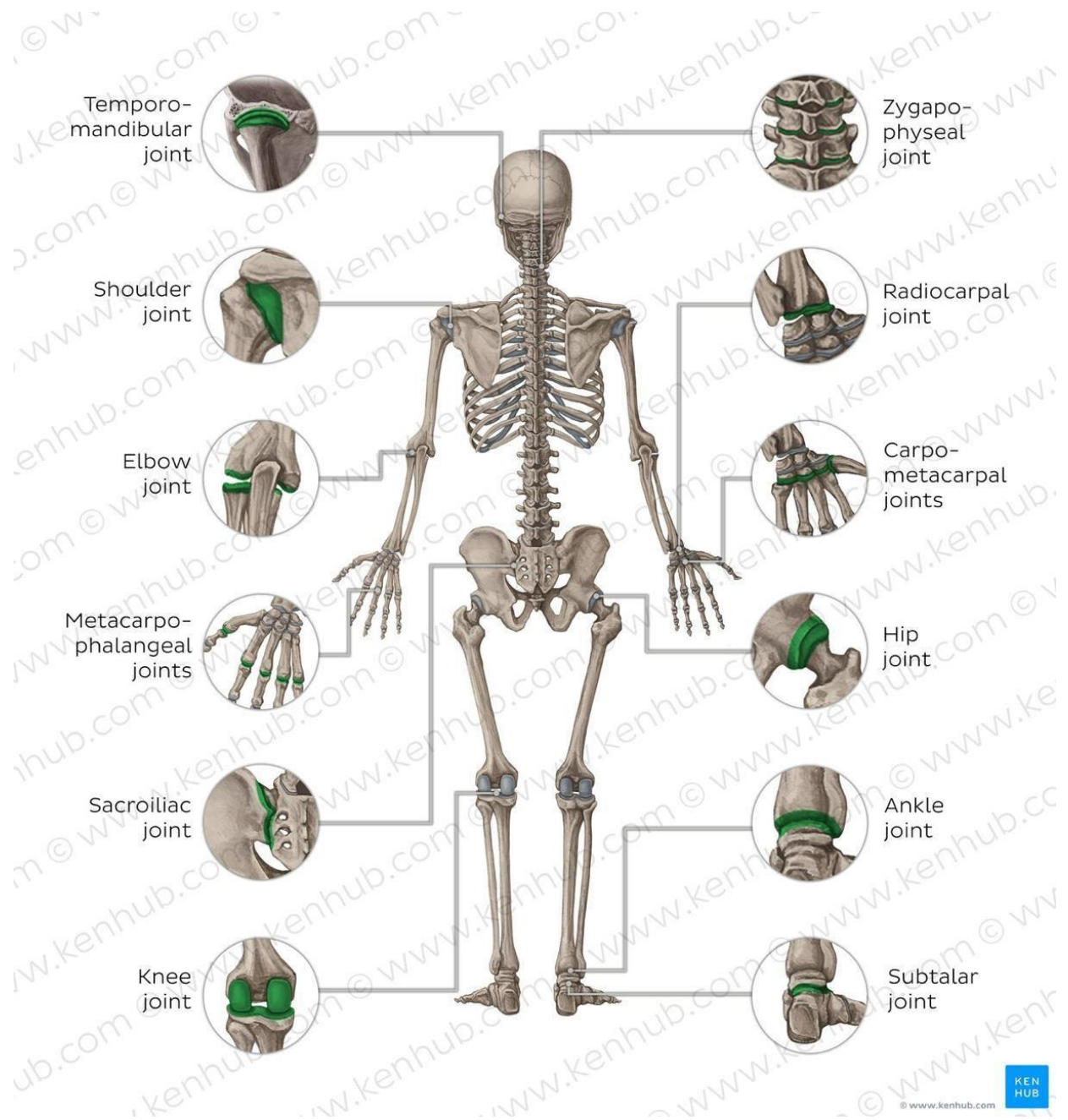


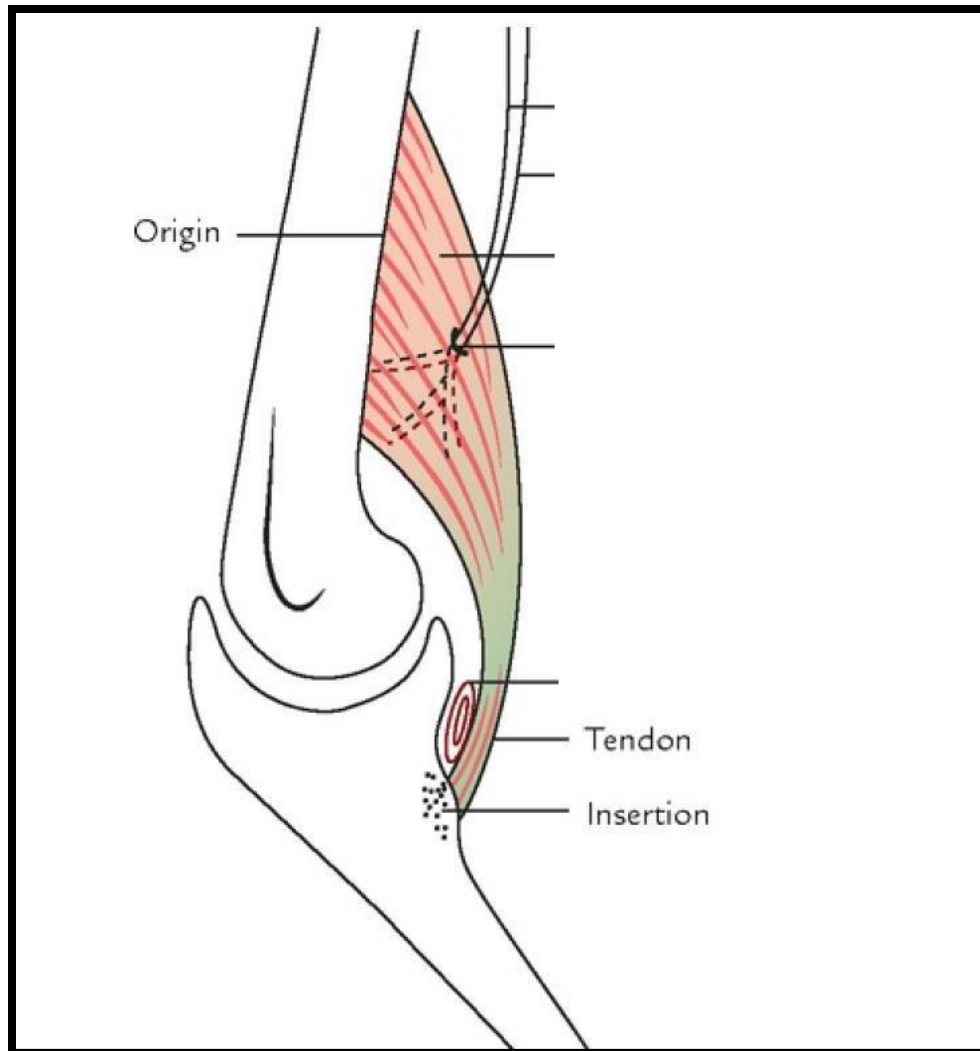
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Shoulder joint







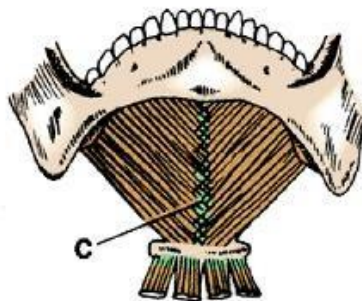
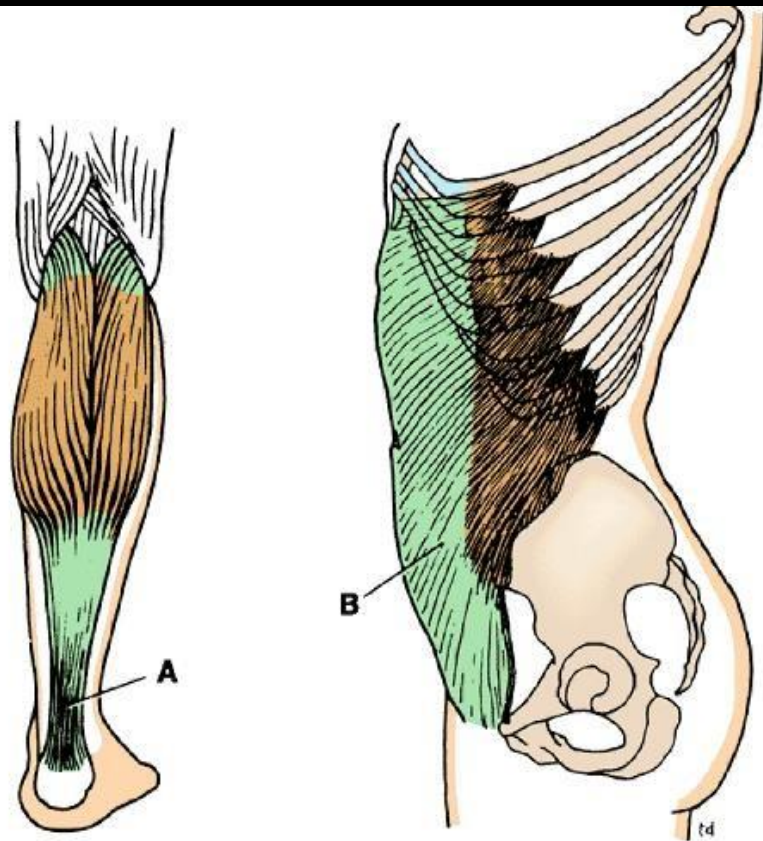
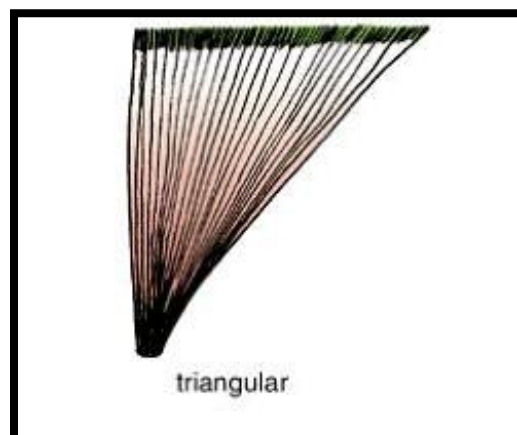
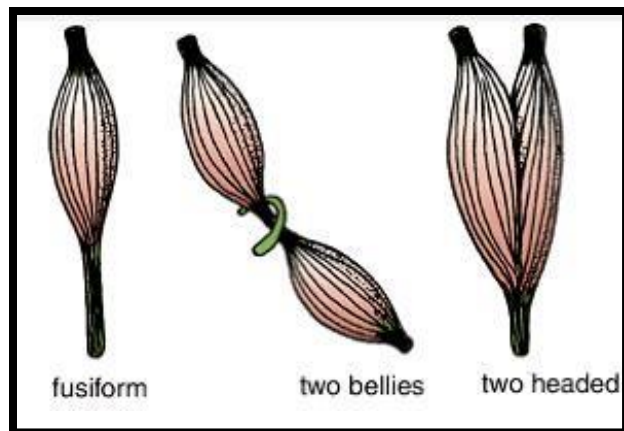
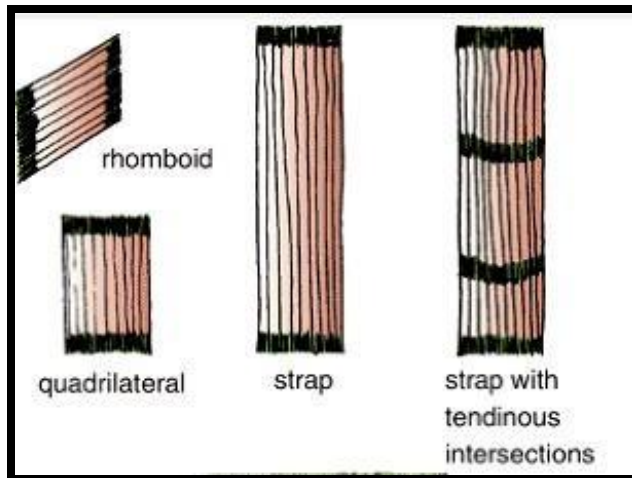
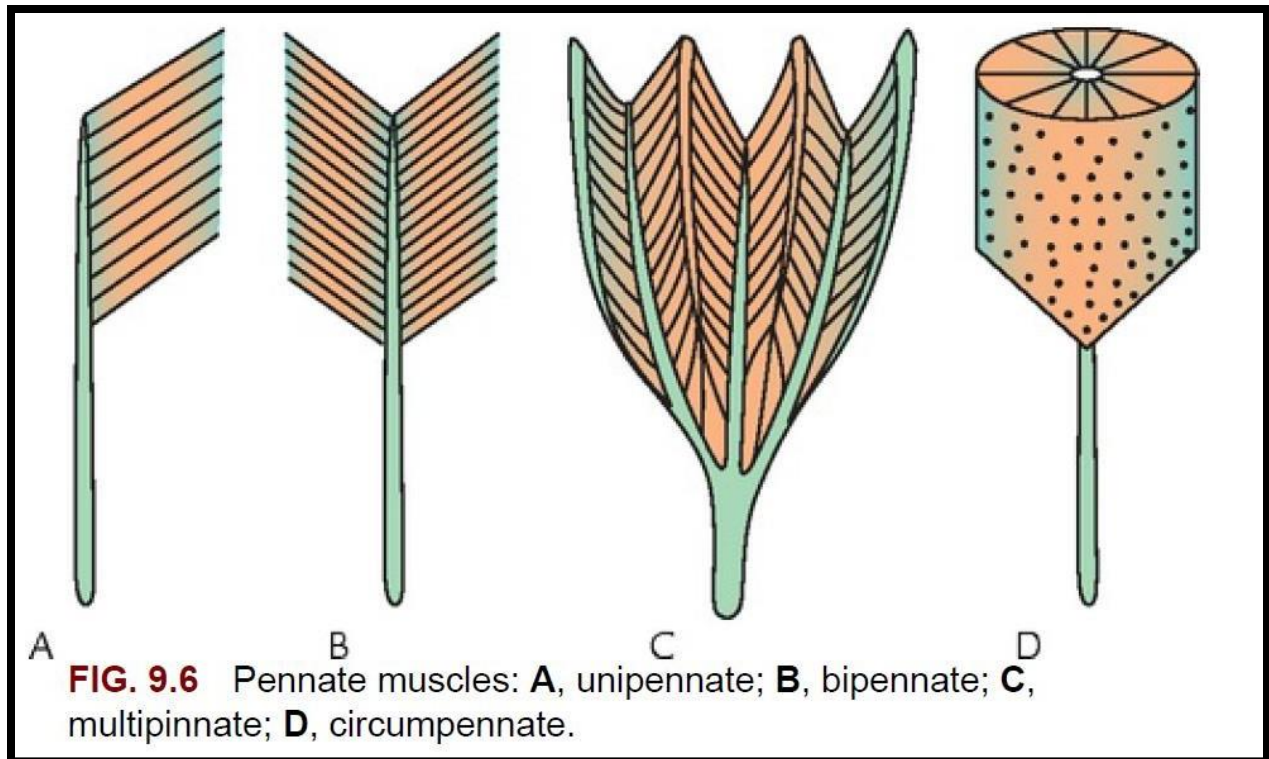


Figure 1-9 Examples of (A) a tendon, (B) an aponeurosis, and (C) a raphe.





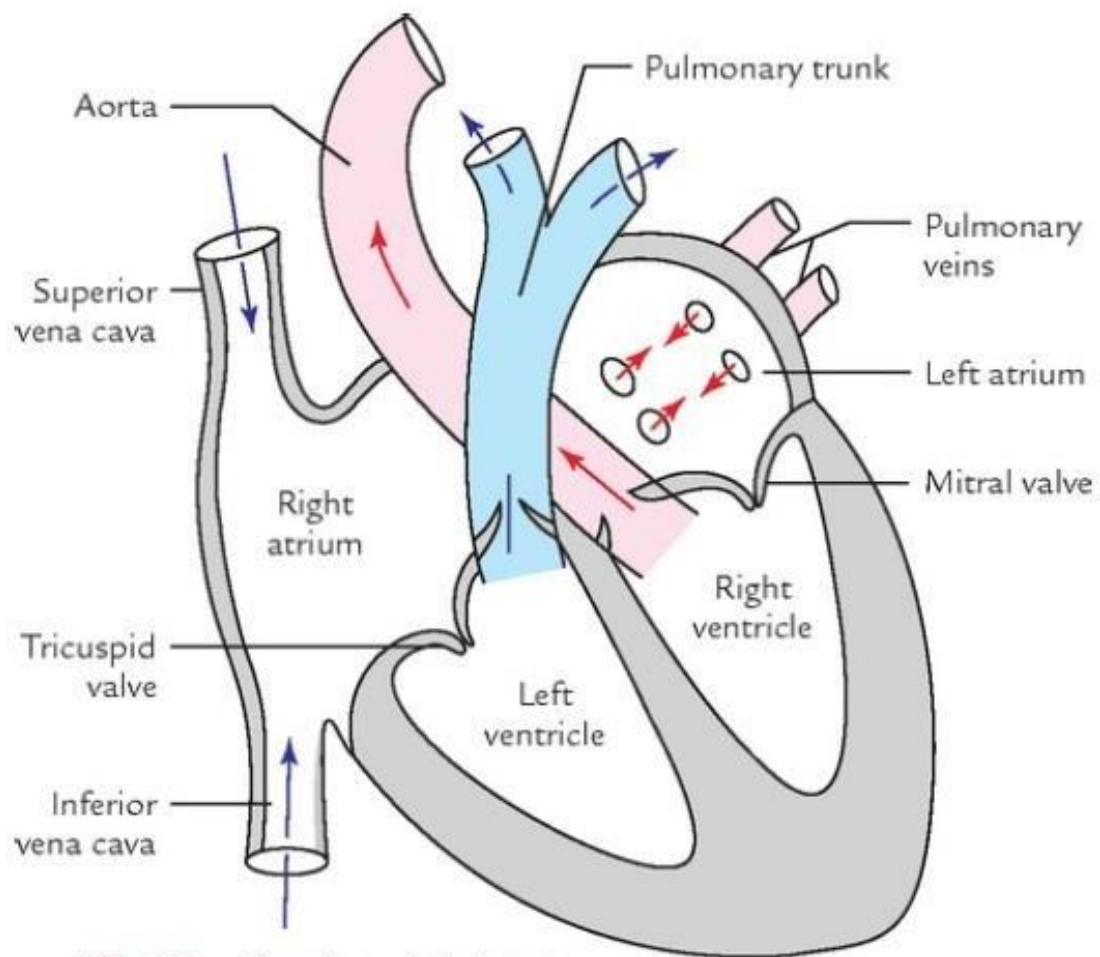
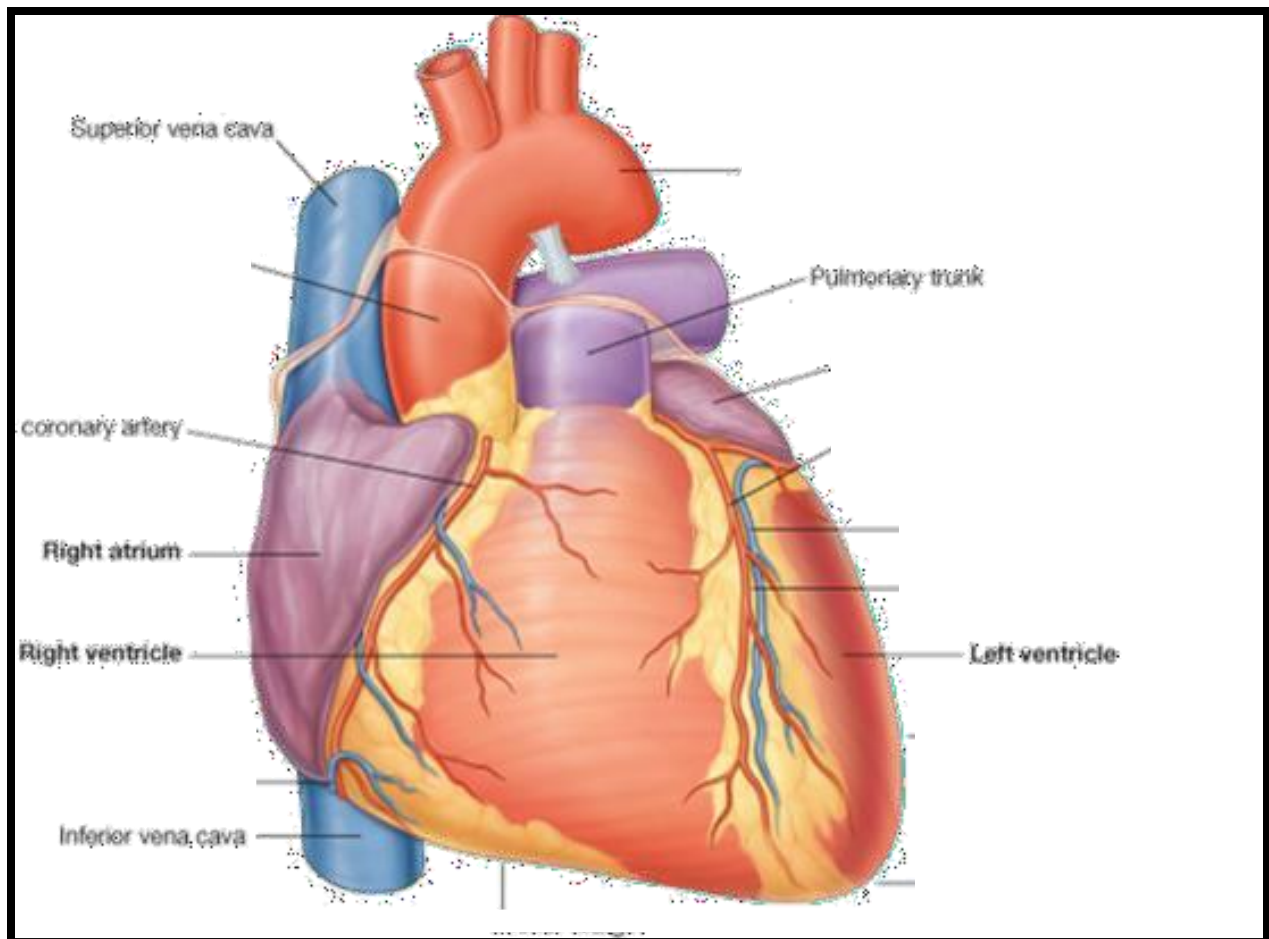
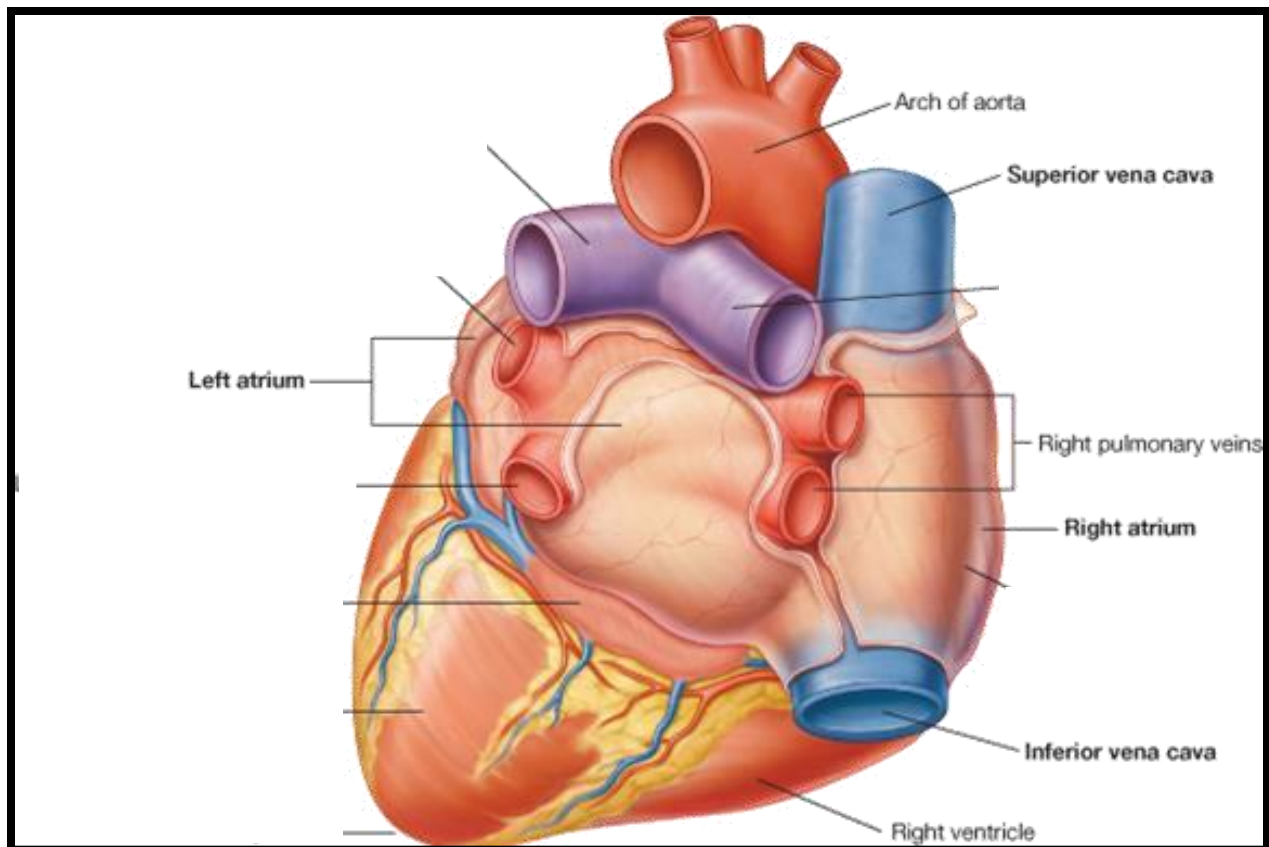


FIG. 10.3 Chambers of the heart.





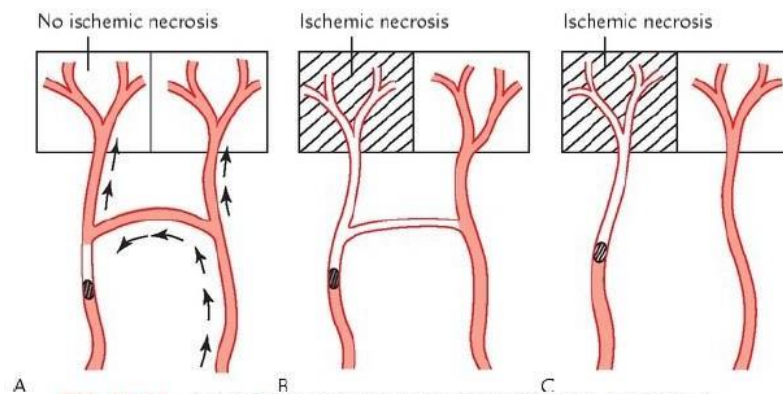
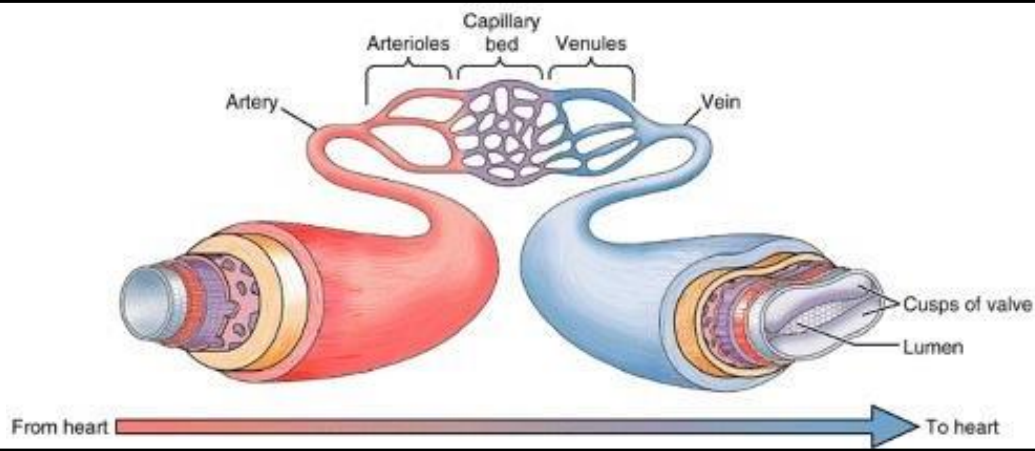
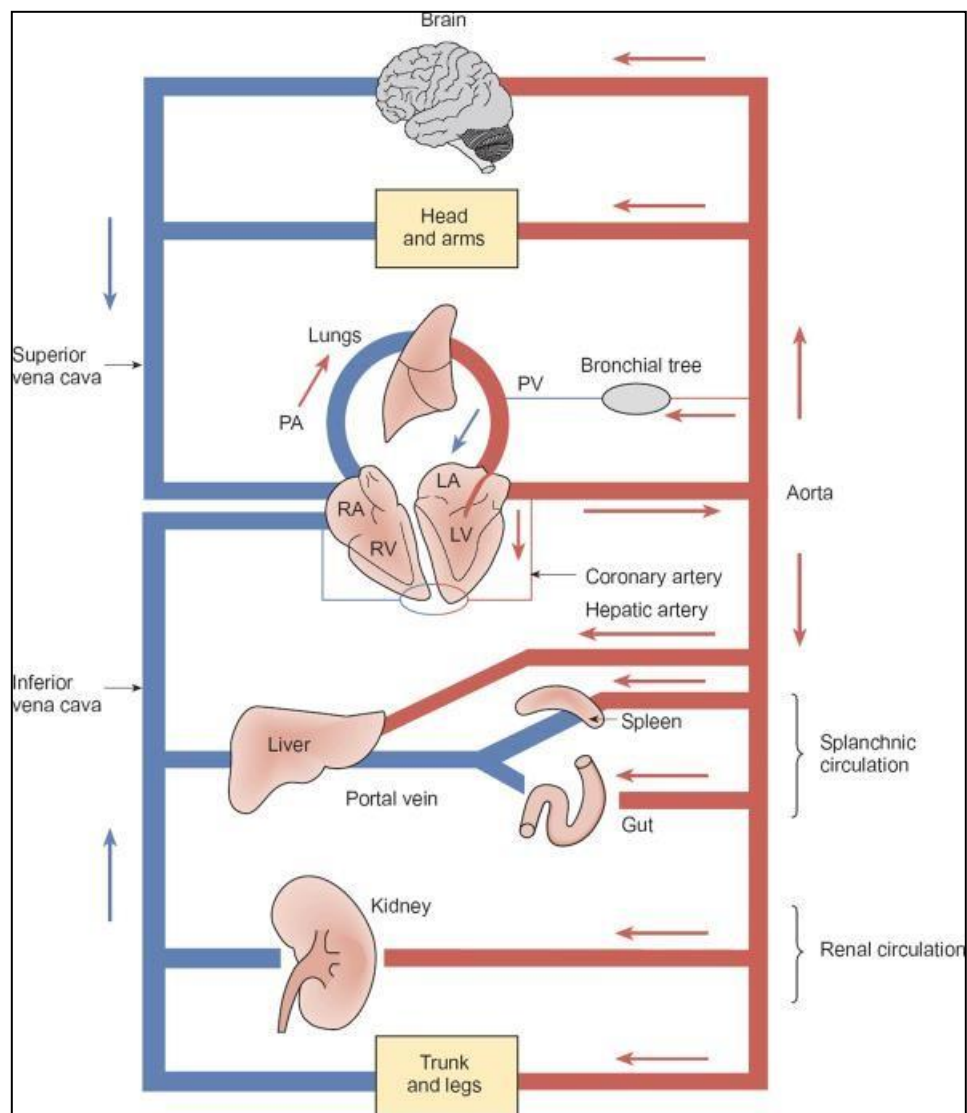


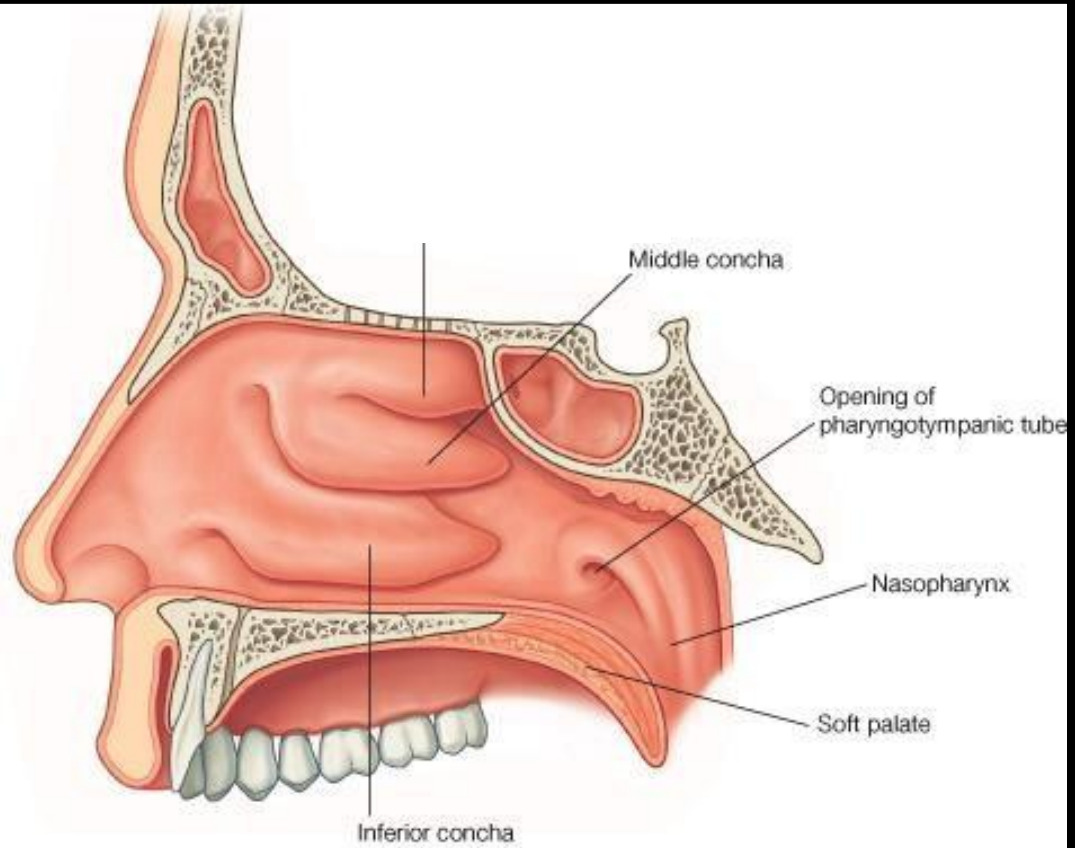
FIG. 10.12 Arterial anastomosis and end arteries: **A**, functional anastomosis; **B**, functional end artery (nonfunctional anastomosis); **C**, anatomical end artery.

Arterial anastomosis



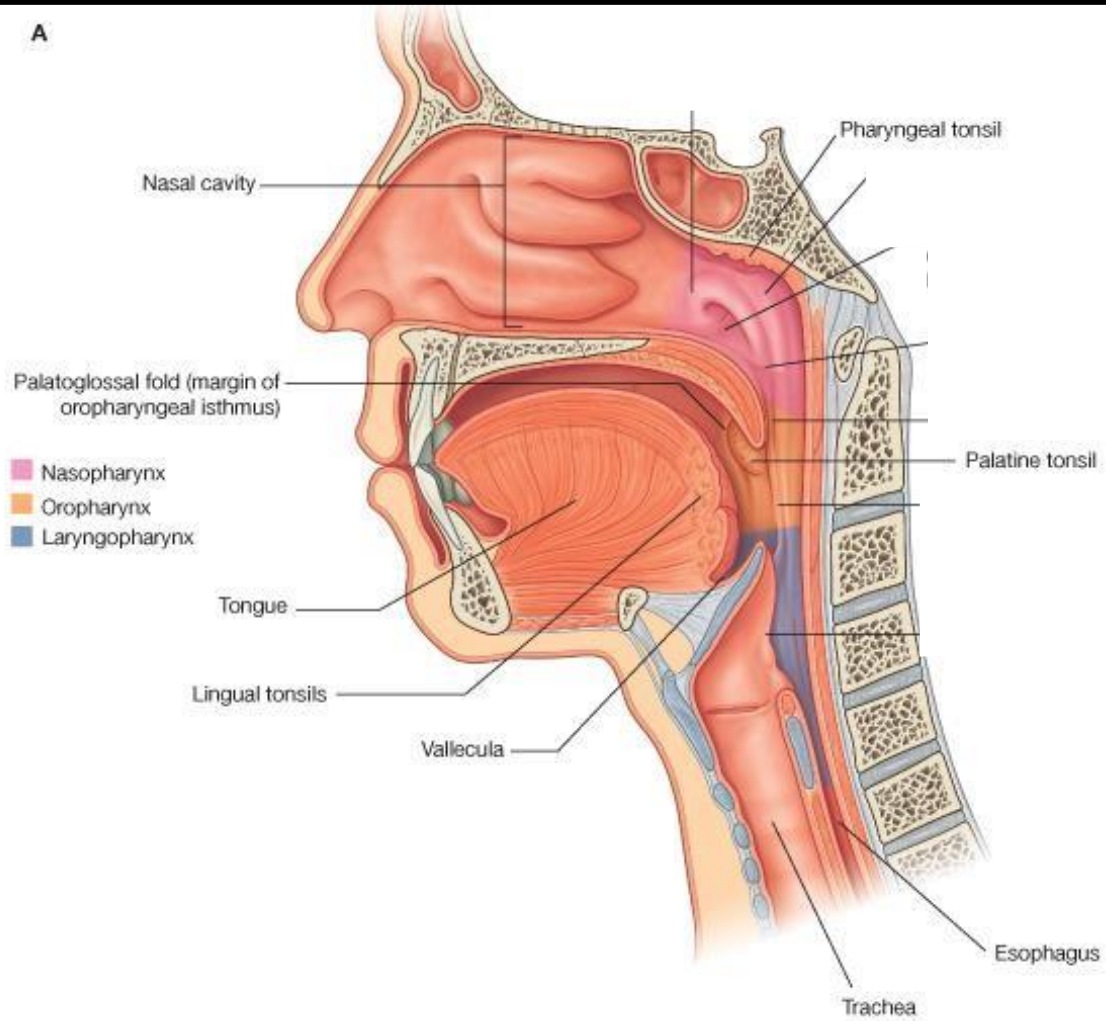


B



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A



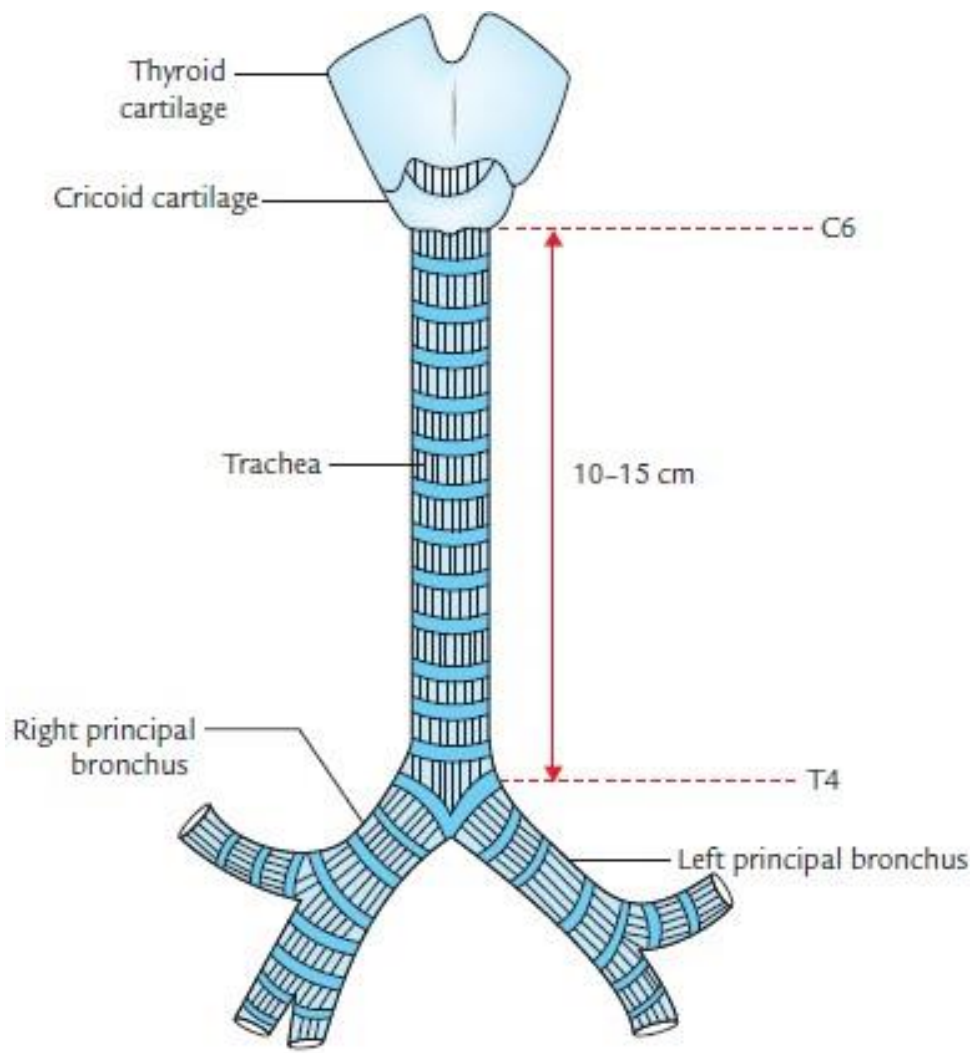
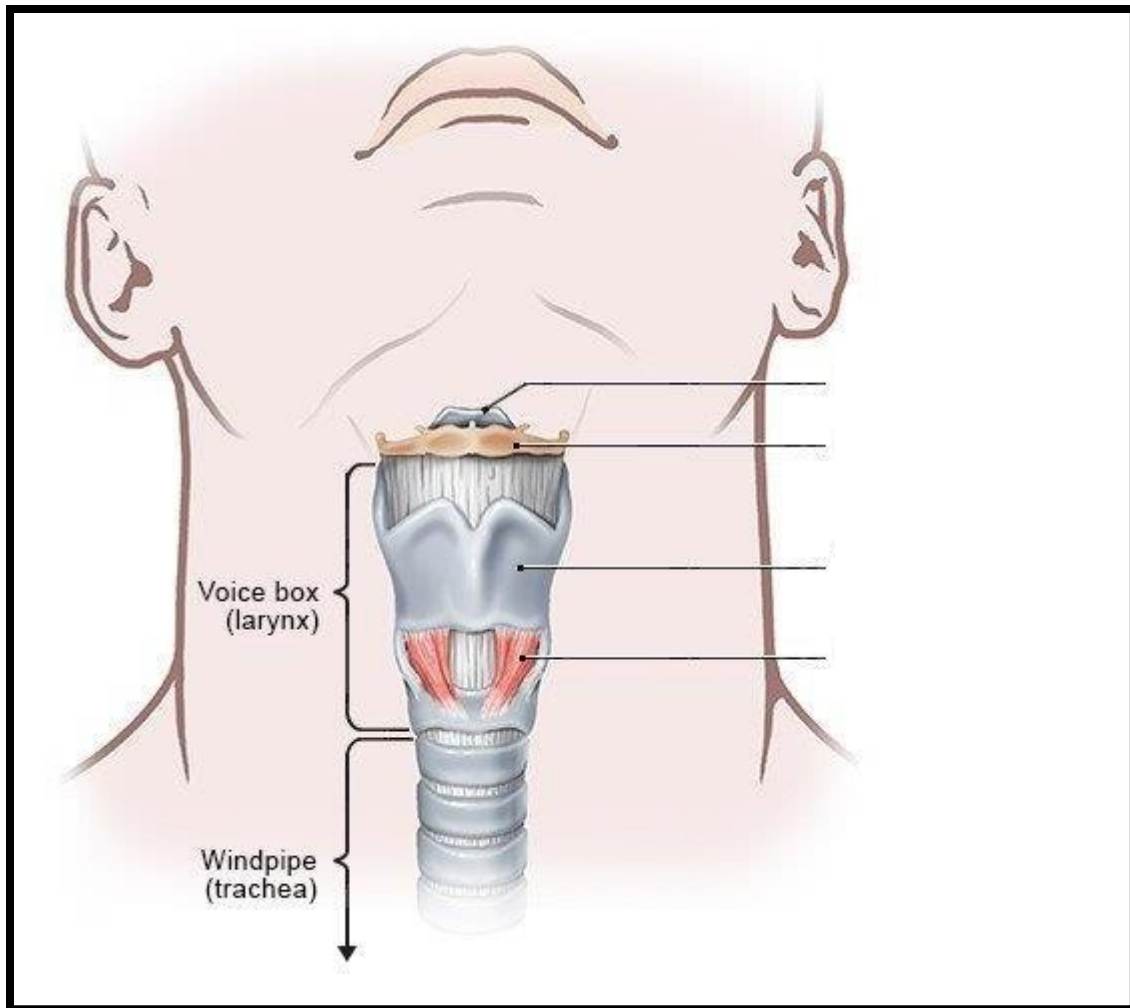
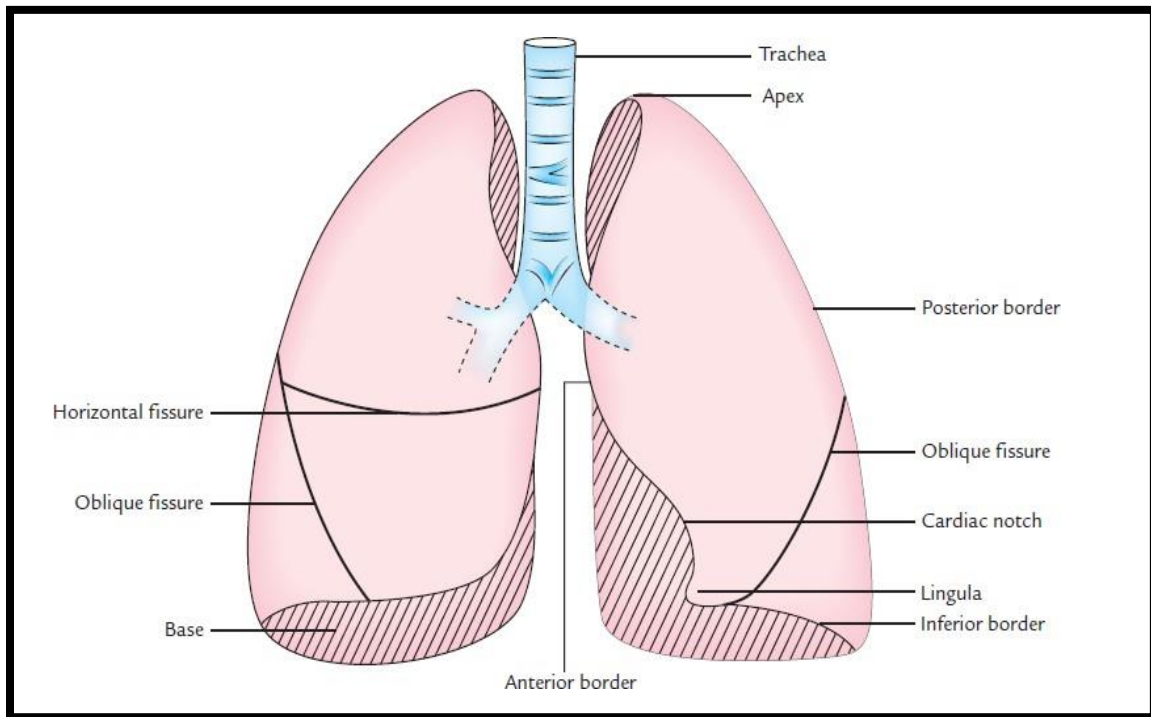
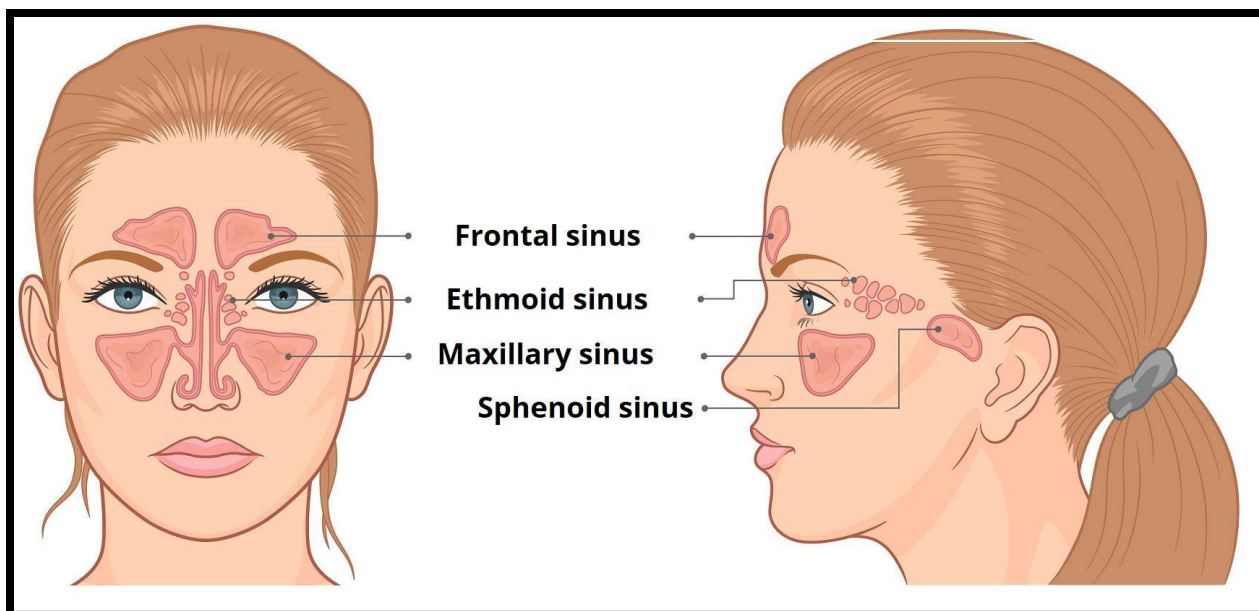


Fig. 22.1 Trachea.

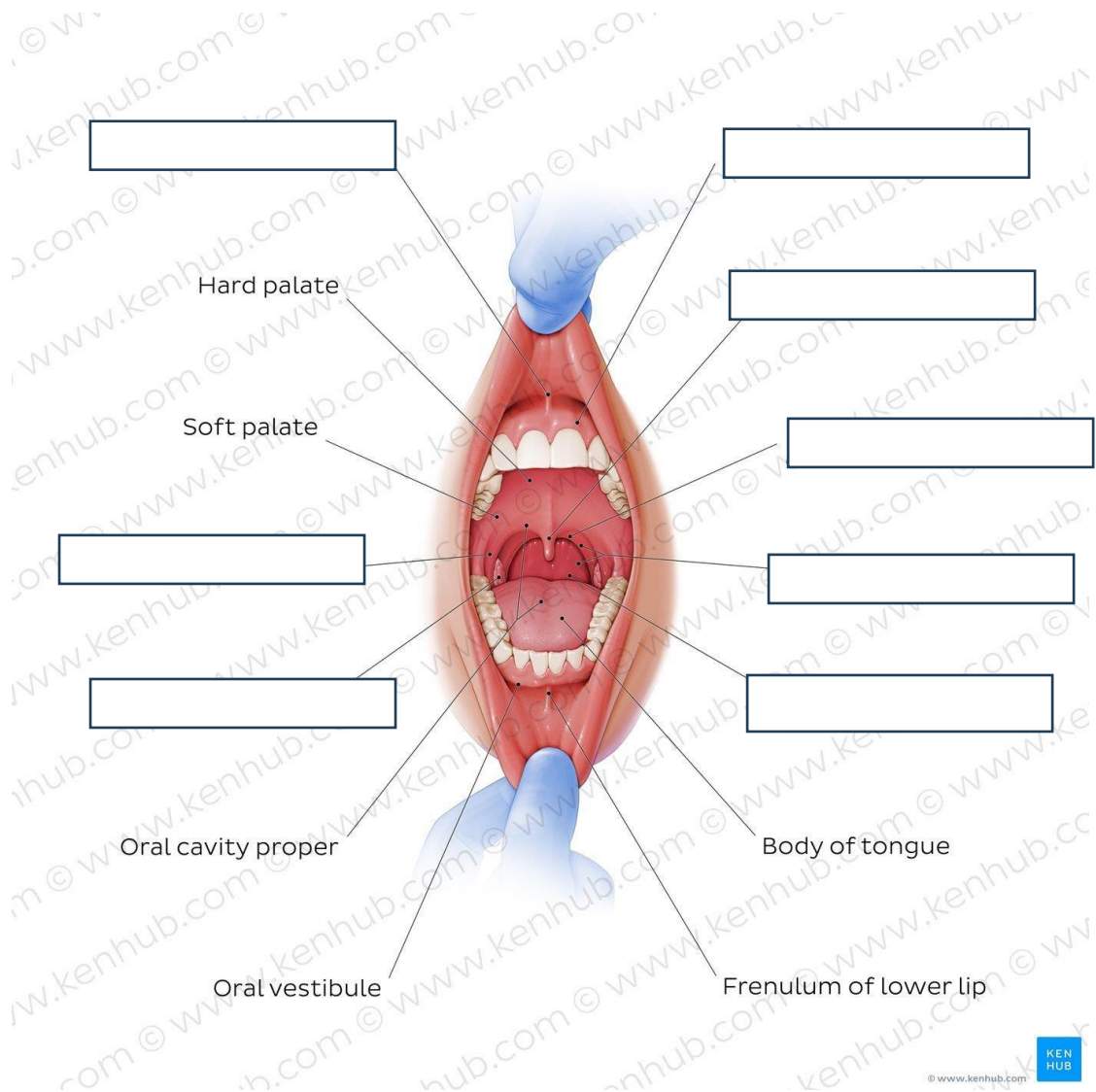




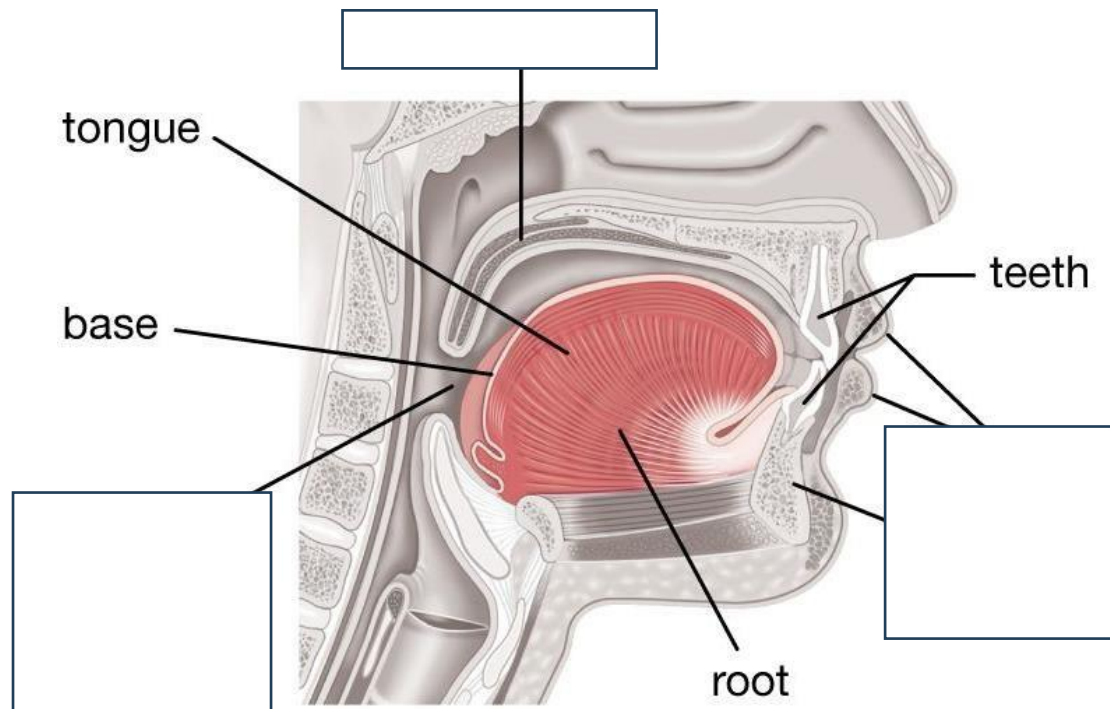


Digestive system

Oral cavity



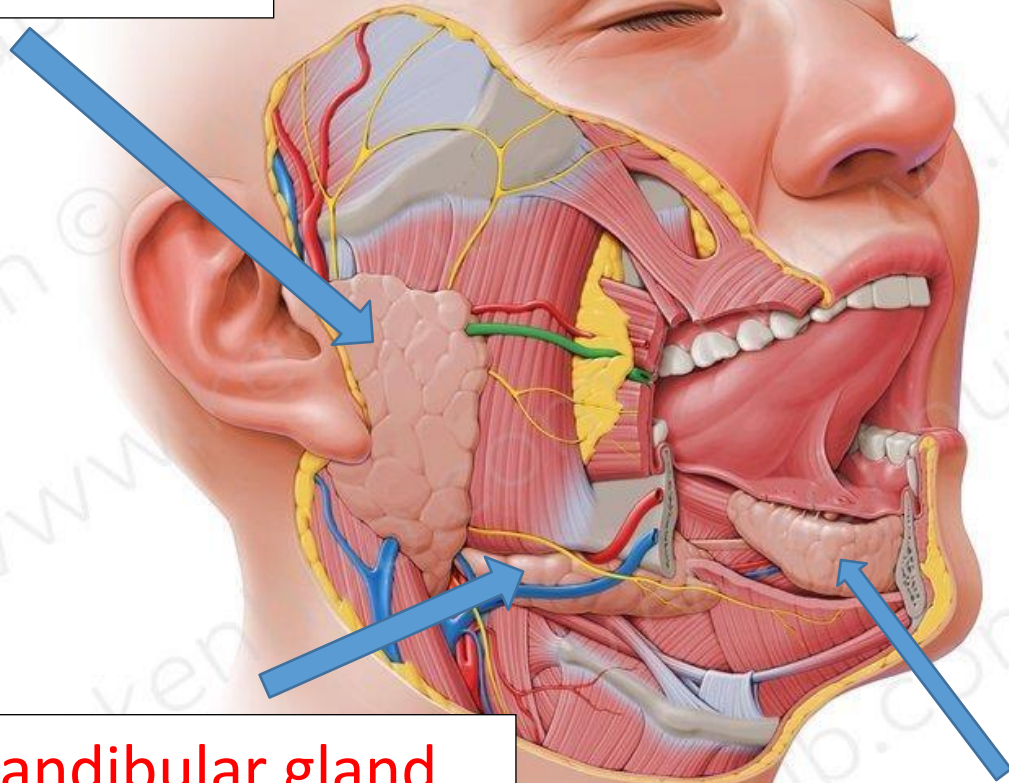
tongue



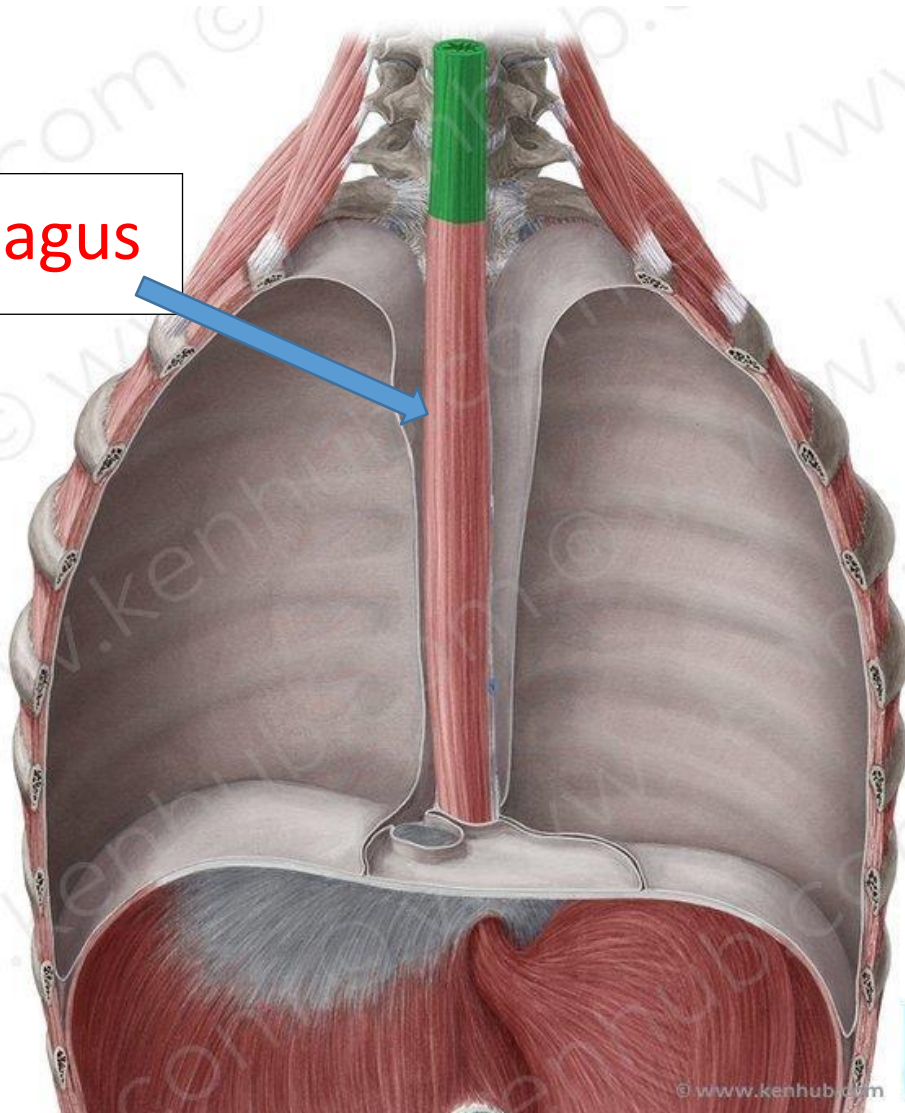
Parotid gland

Submandibular gland

Sublingual gland

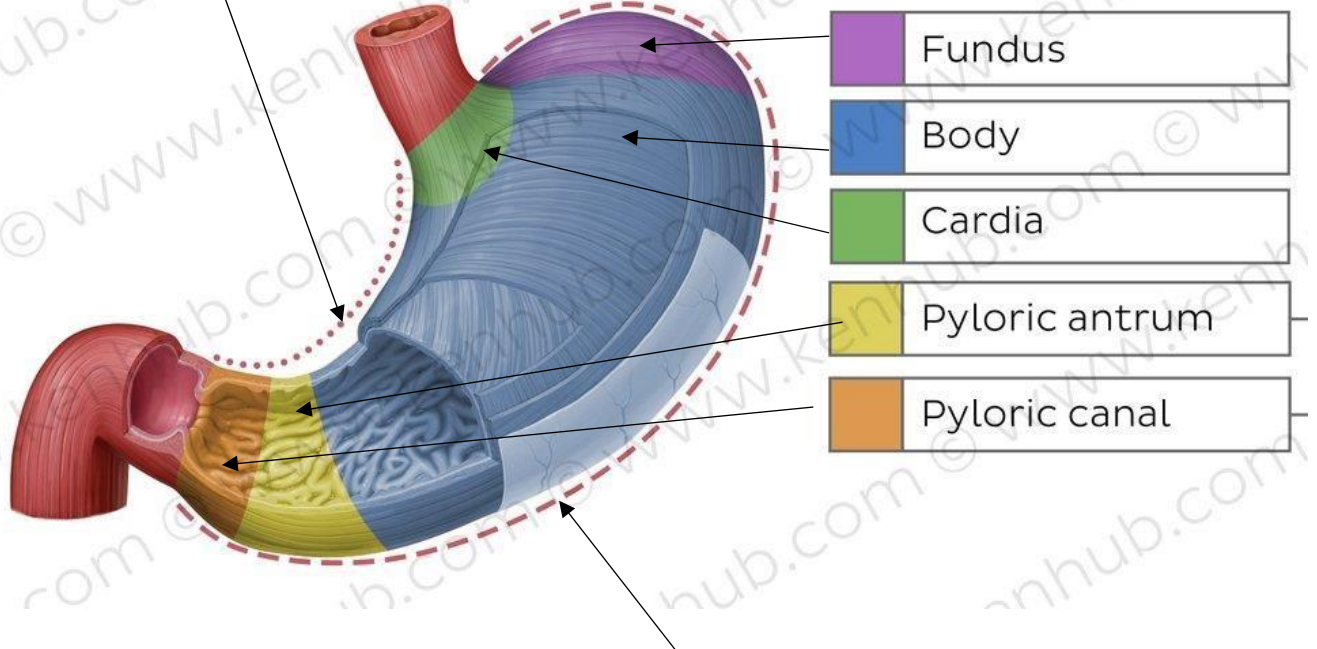


esophagus



stomach

Lesser curvature



Greater curvature

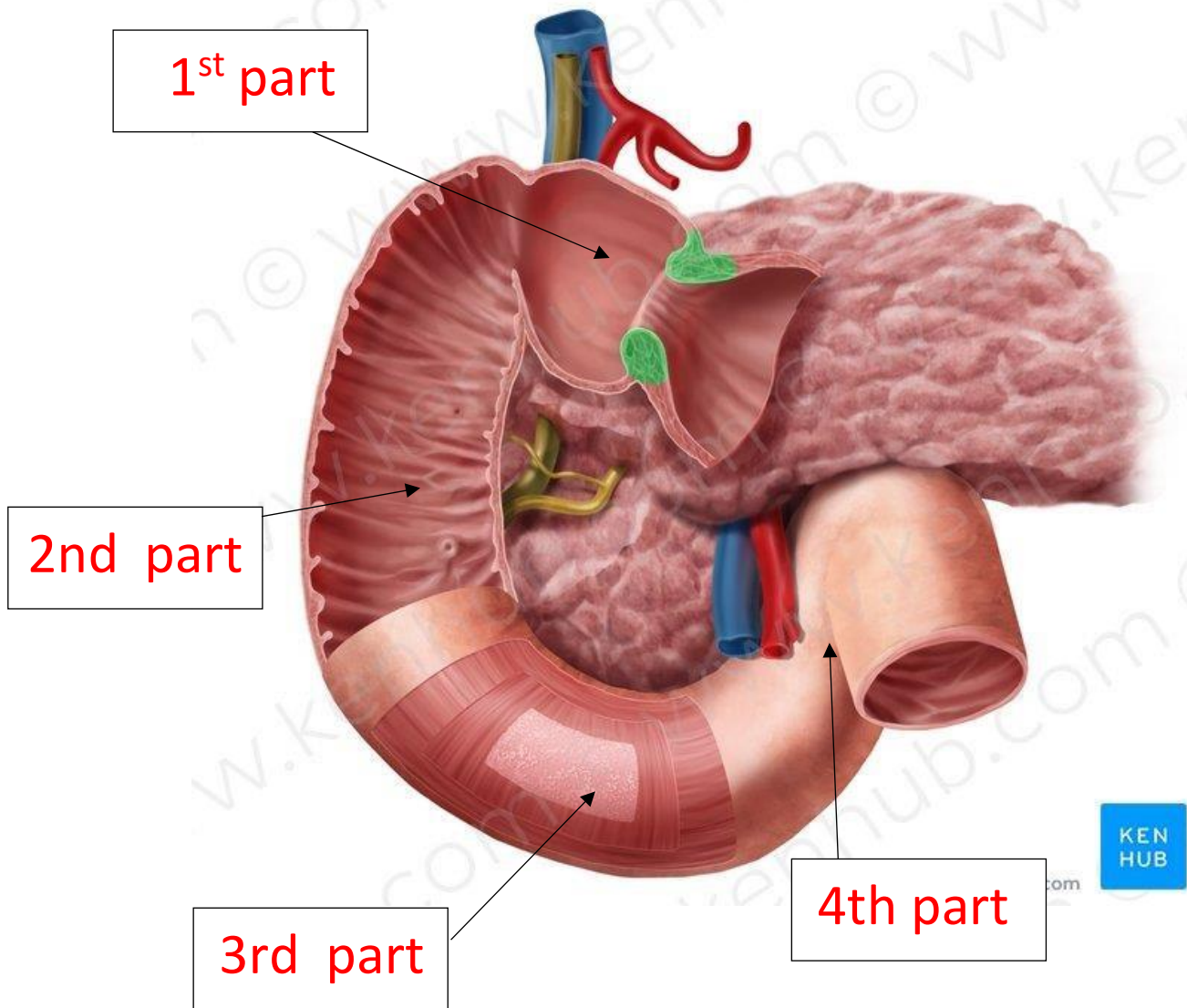
Duodenum

1st part

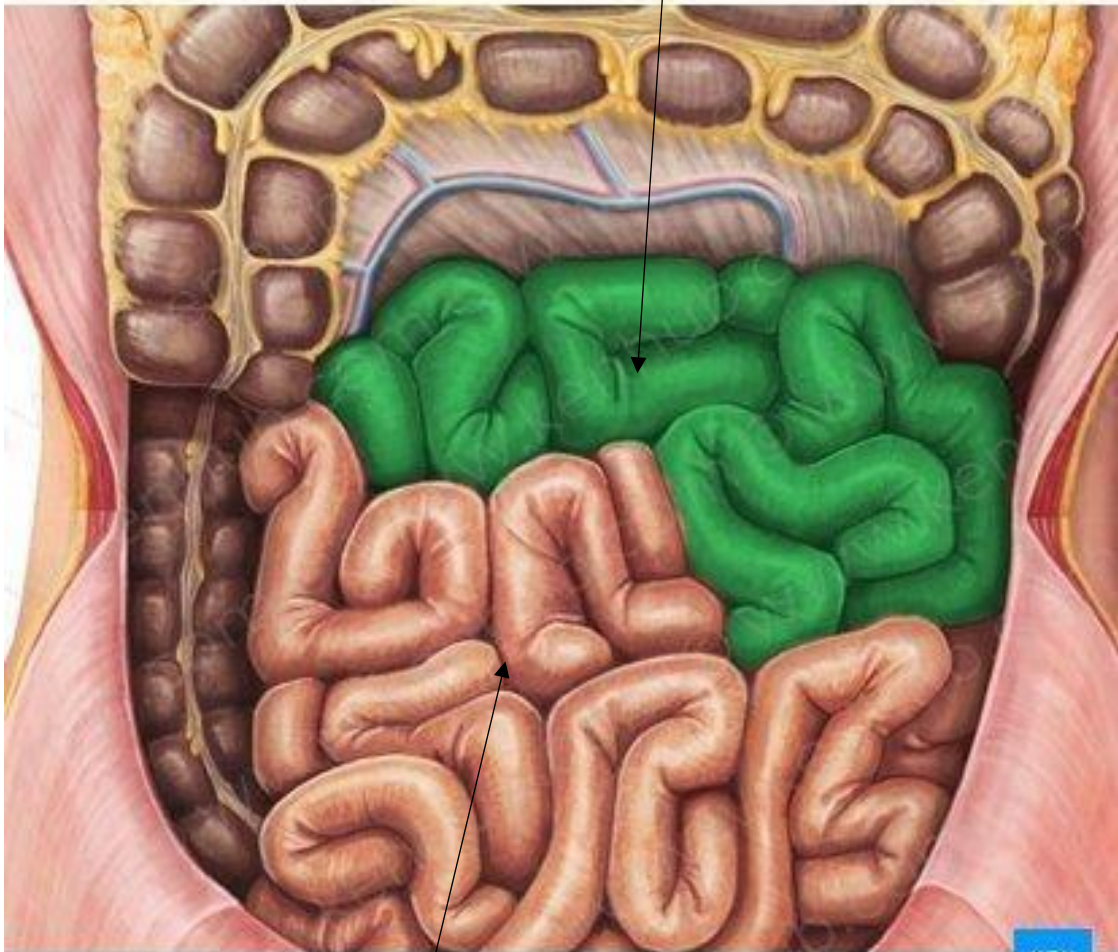
2nd part

3rd part

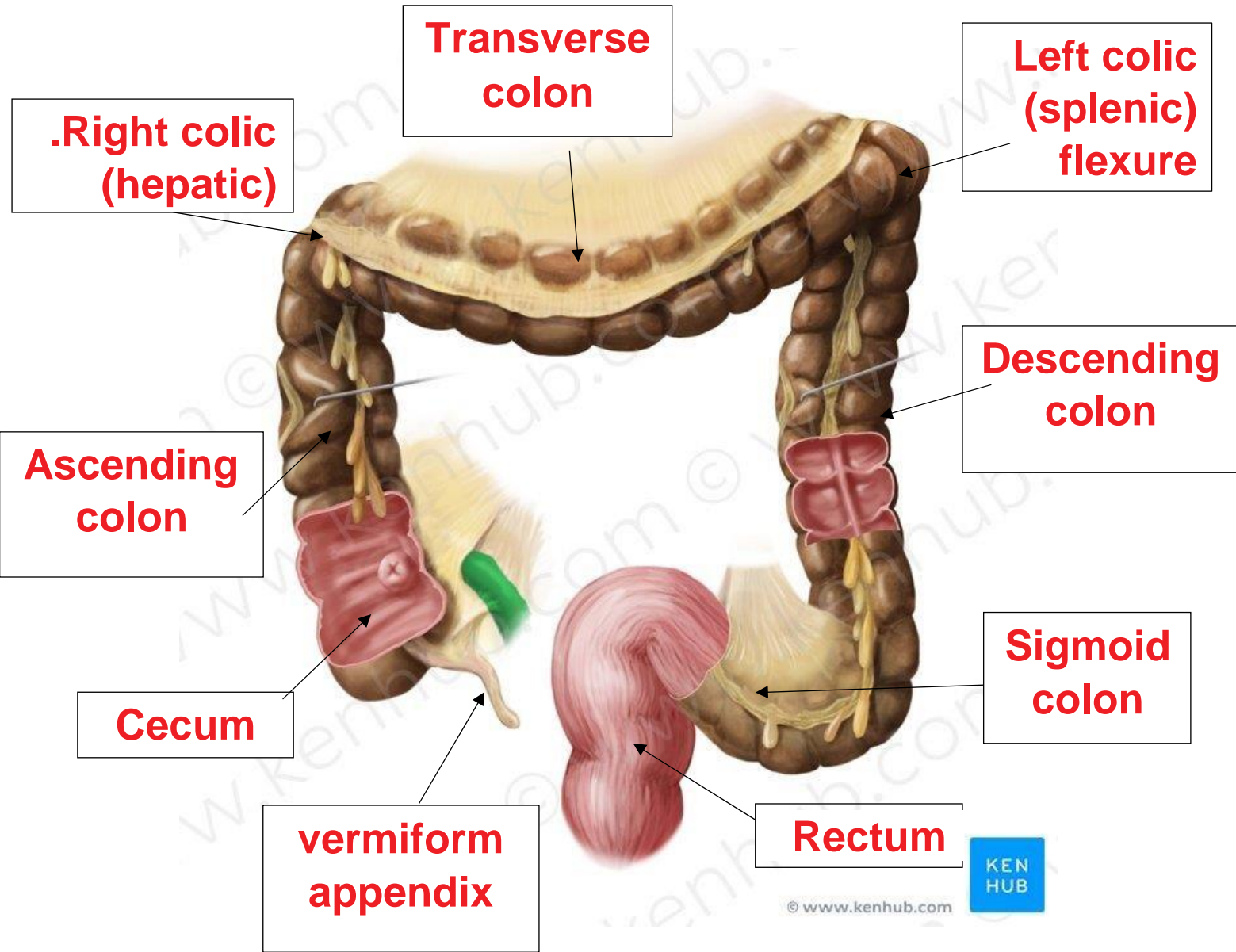
4th part



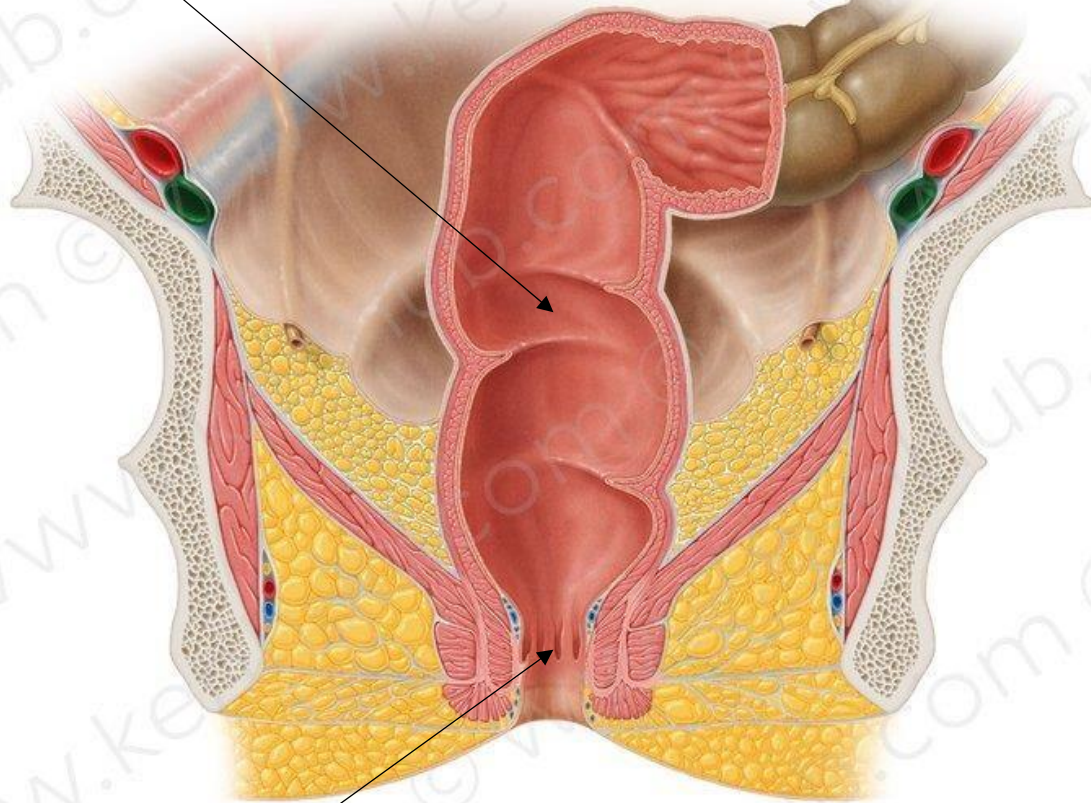
Jujenum



Ilium



Rectum



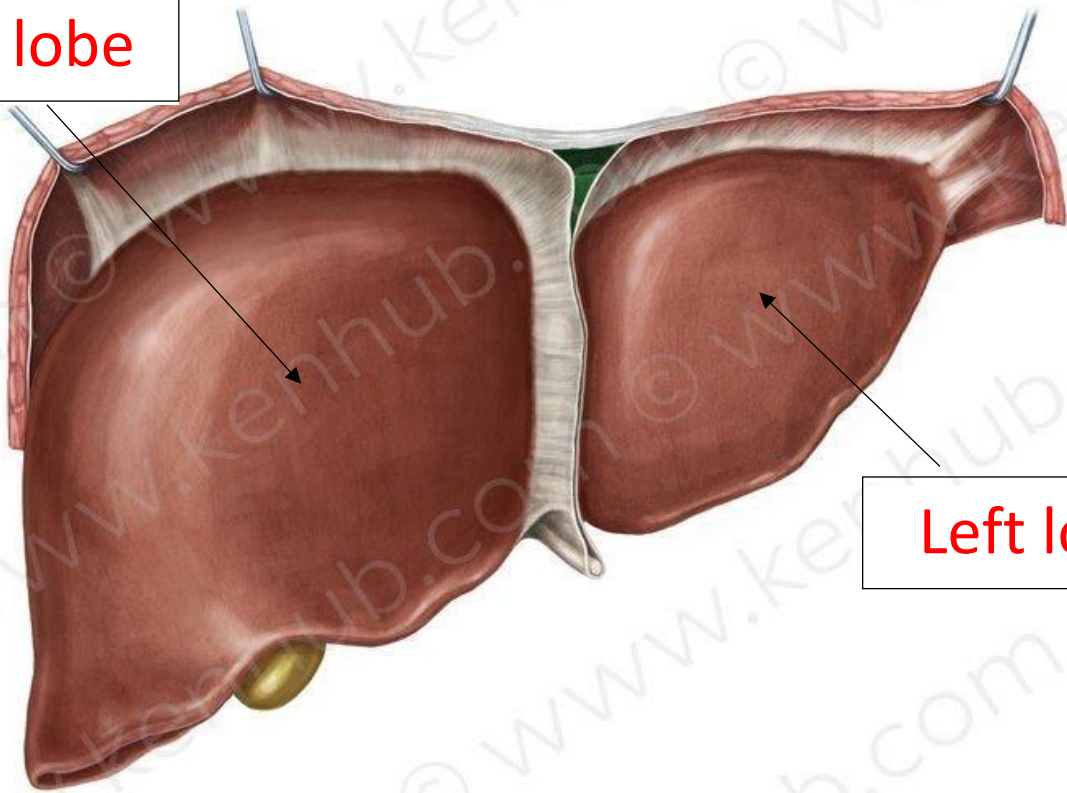
**Anal
canal**

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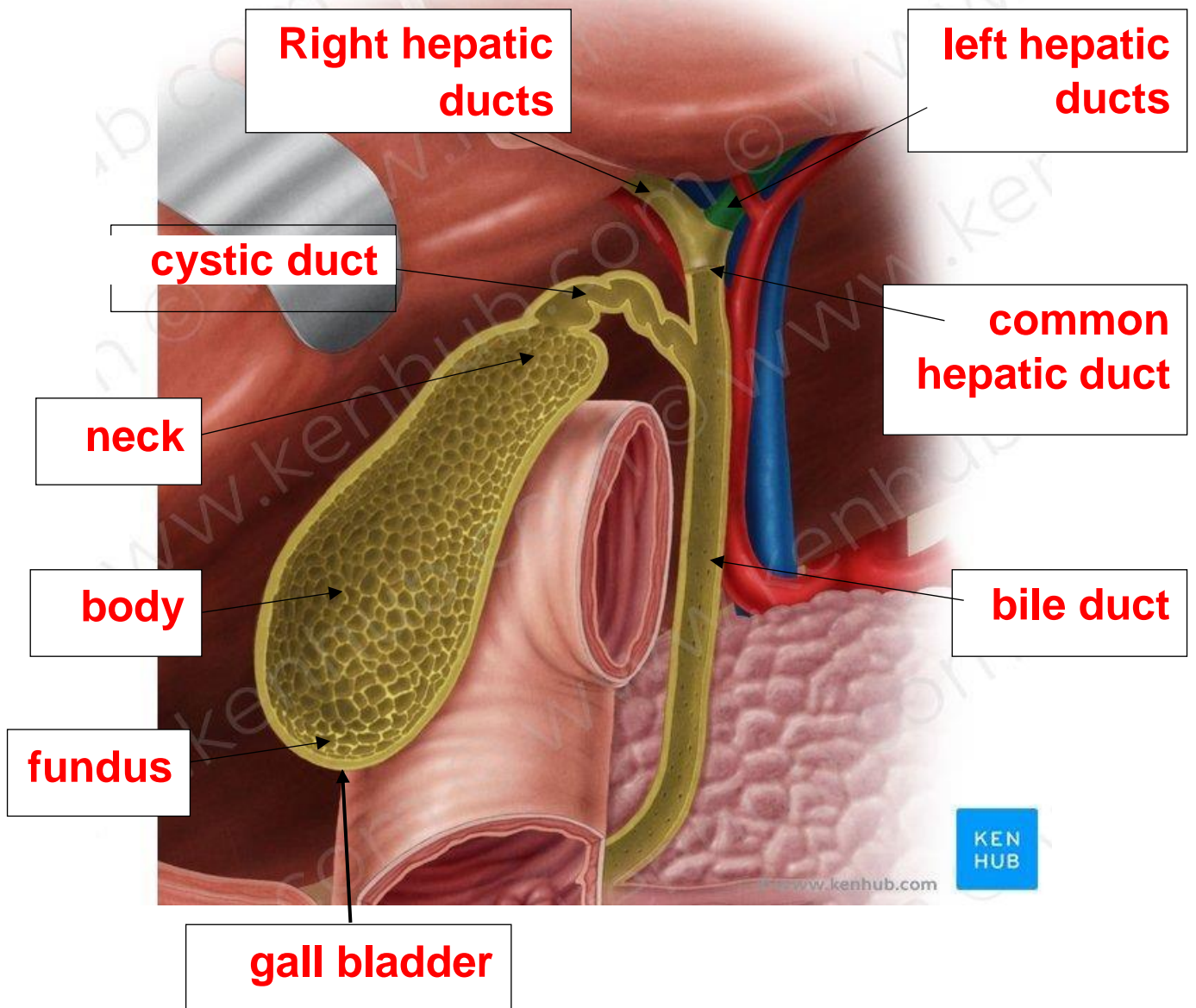
Liver

Right lobe

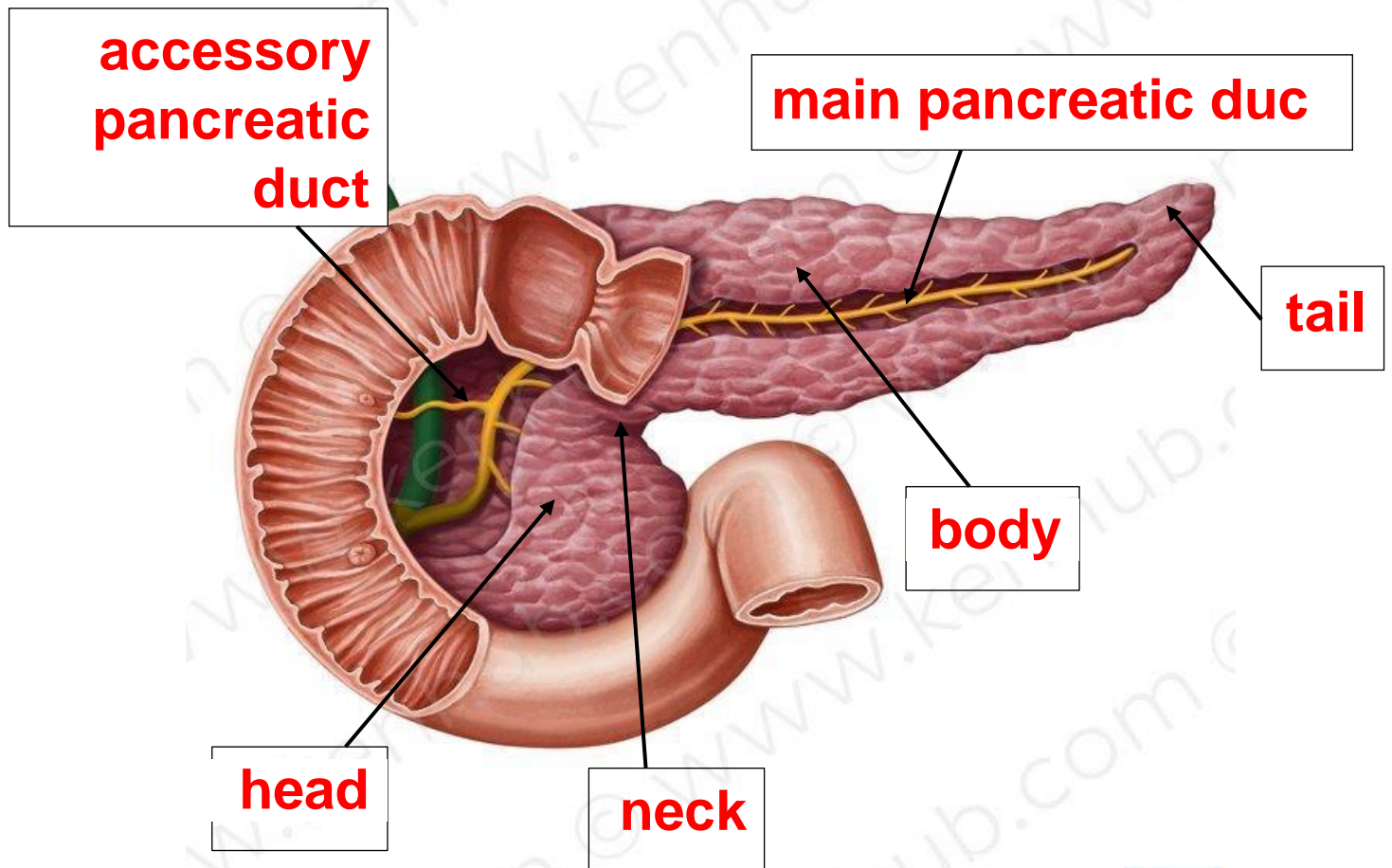


Left lobe

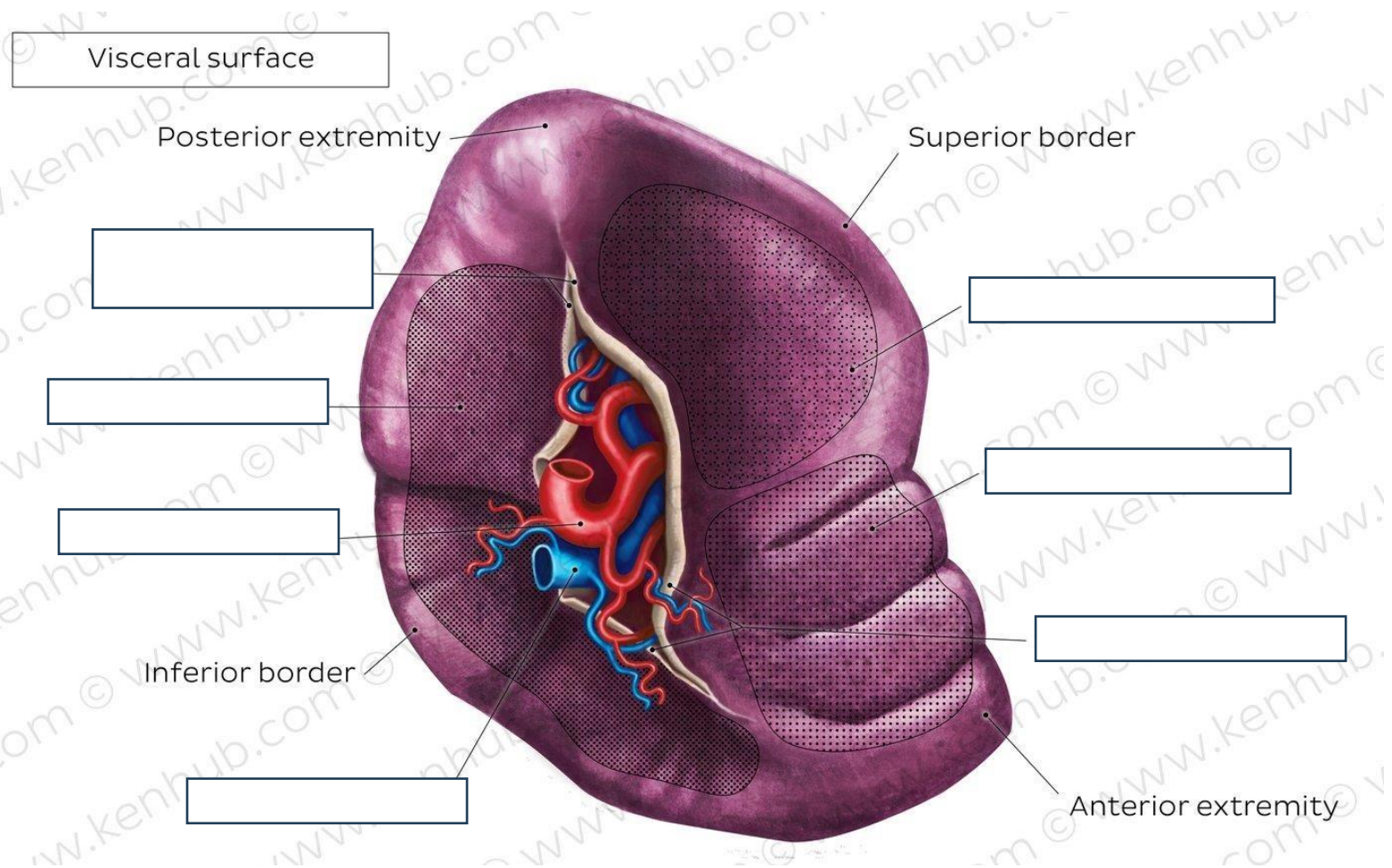
Gall bladder and biliary system



The Pancreas



spleen



spleen



Urinary system

Kidneys

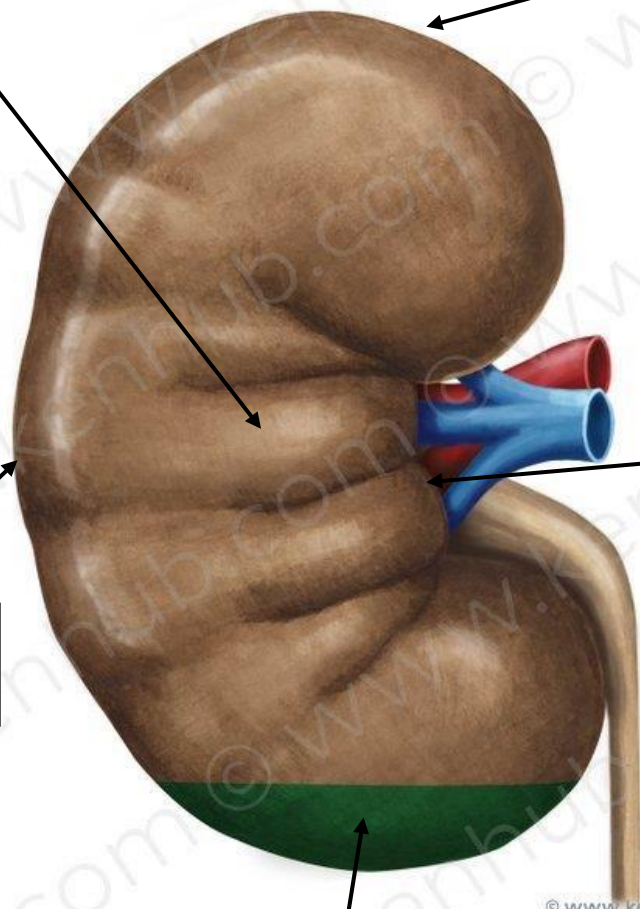
Anterior
surface

Upper pole

medial border

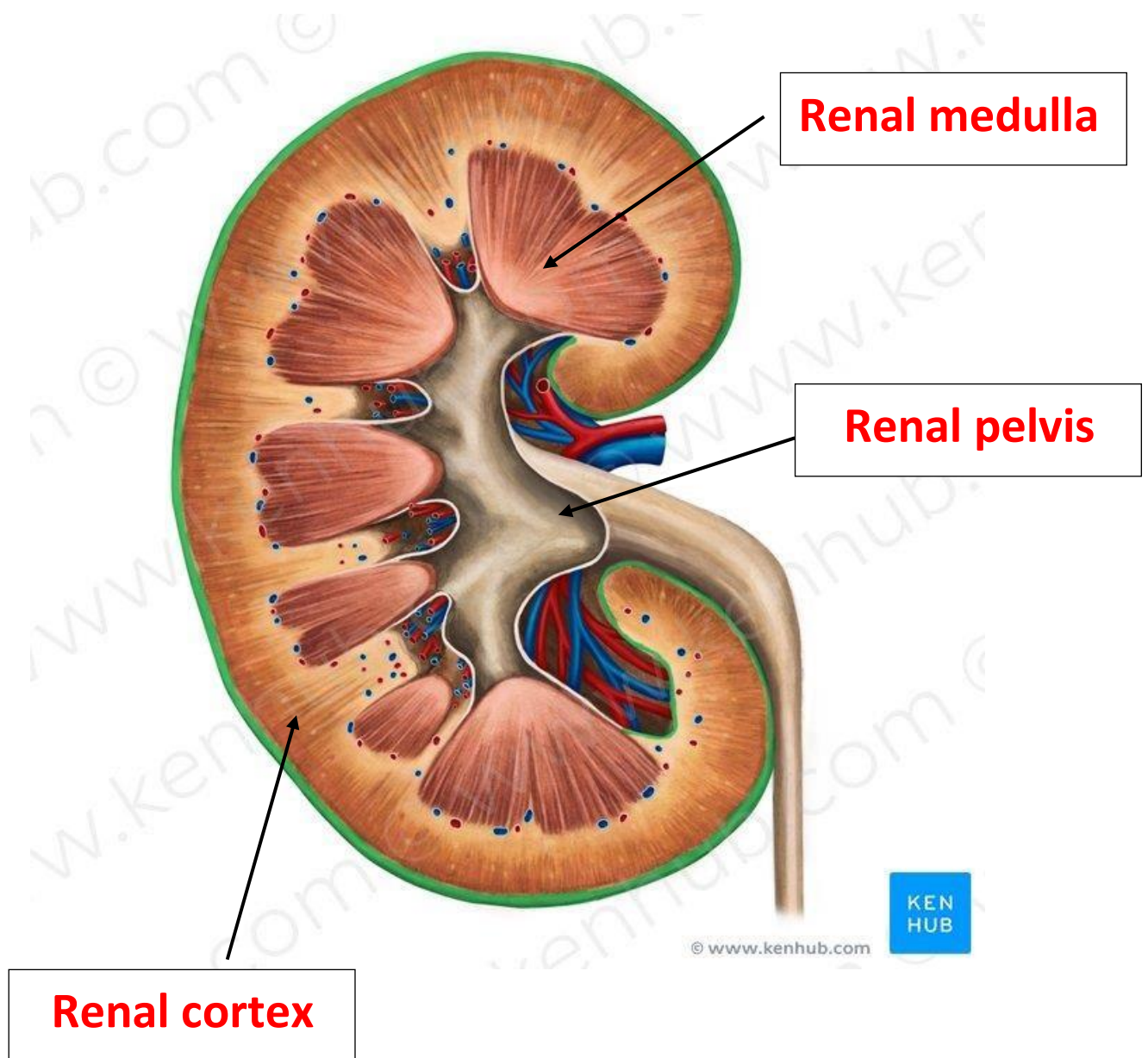
lateral border

lower Pole



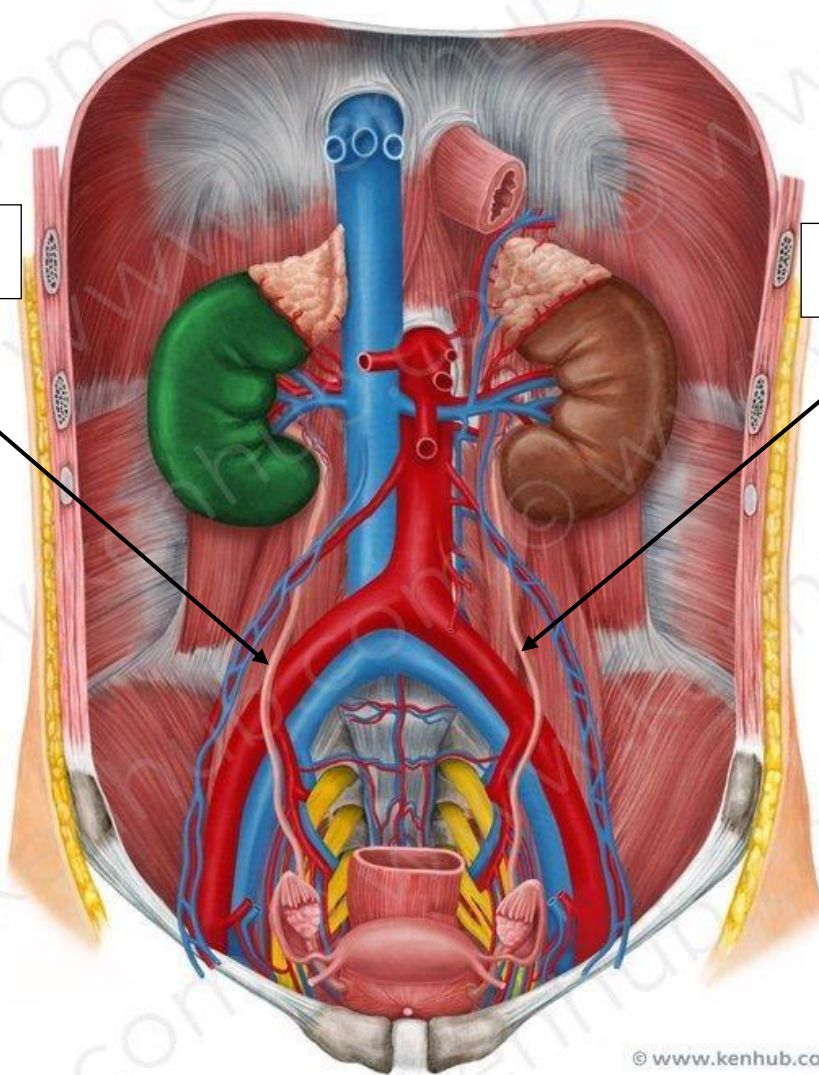
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Rt ureter

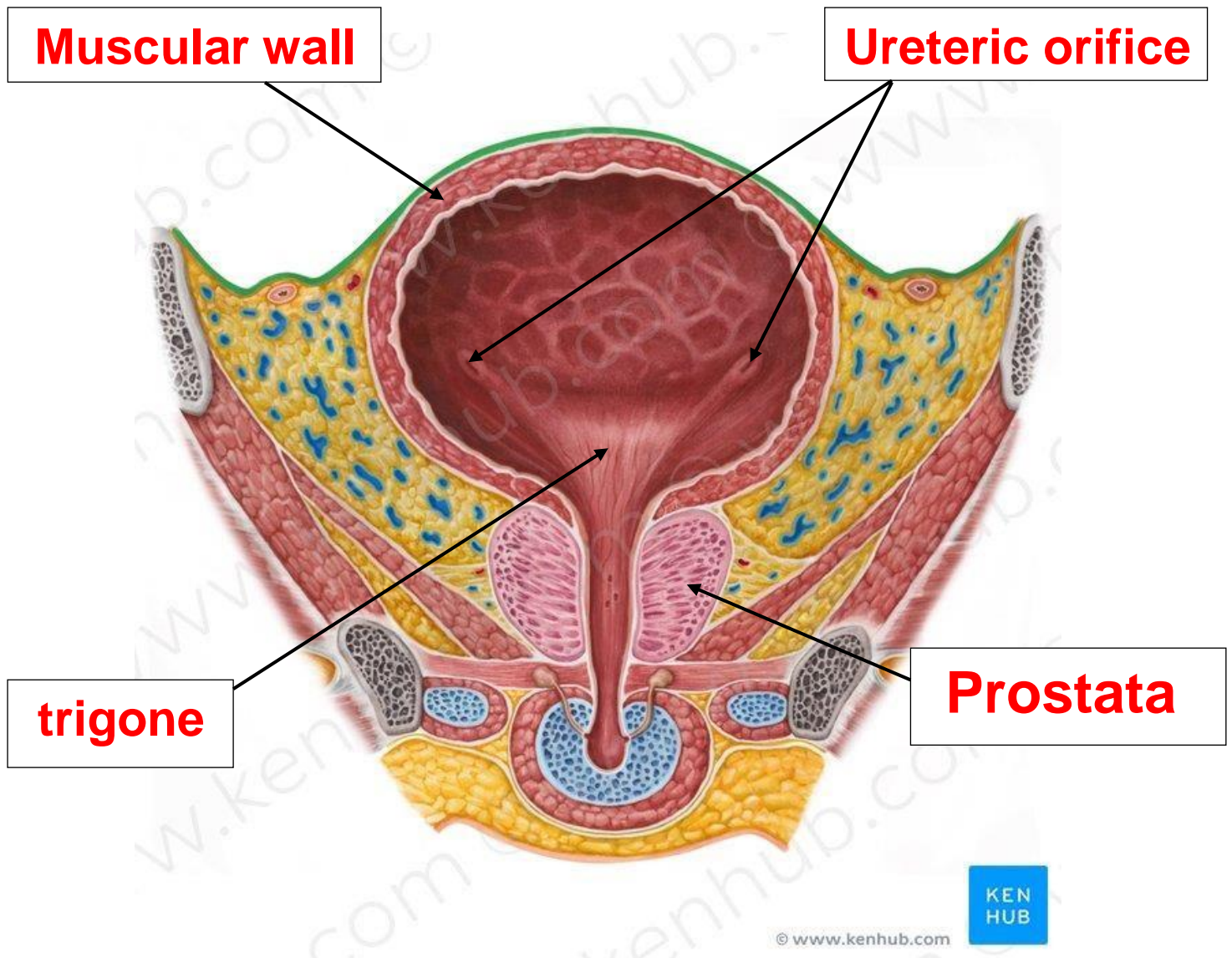
Lt ureter



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Urinary bladder



Male urethra

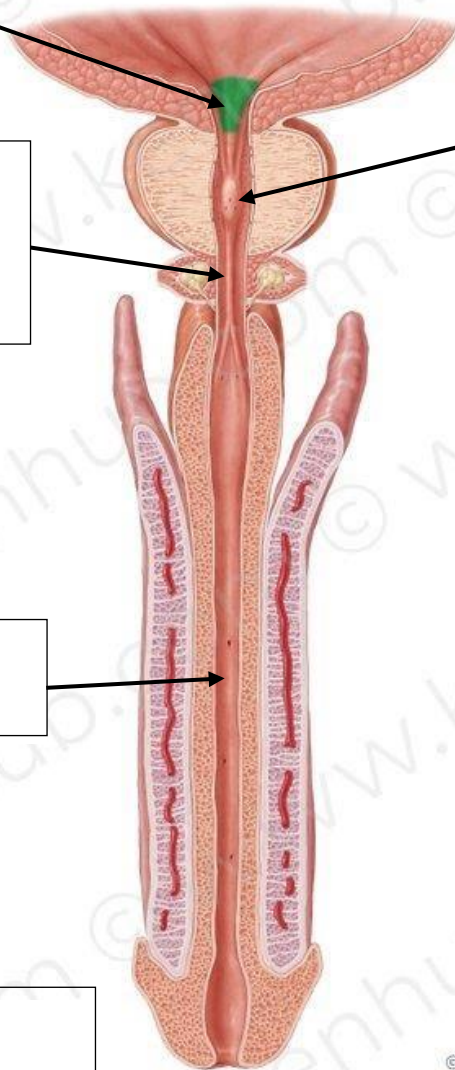
**Internal
meatus**

Prostatic part

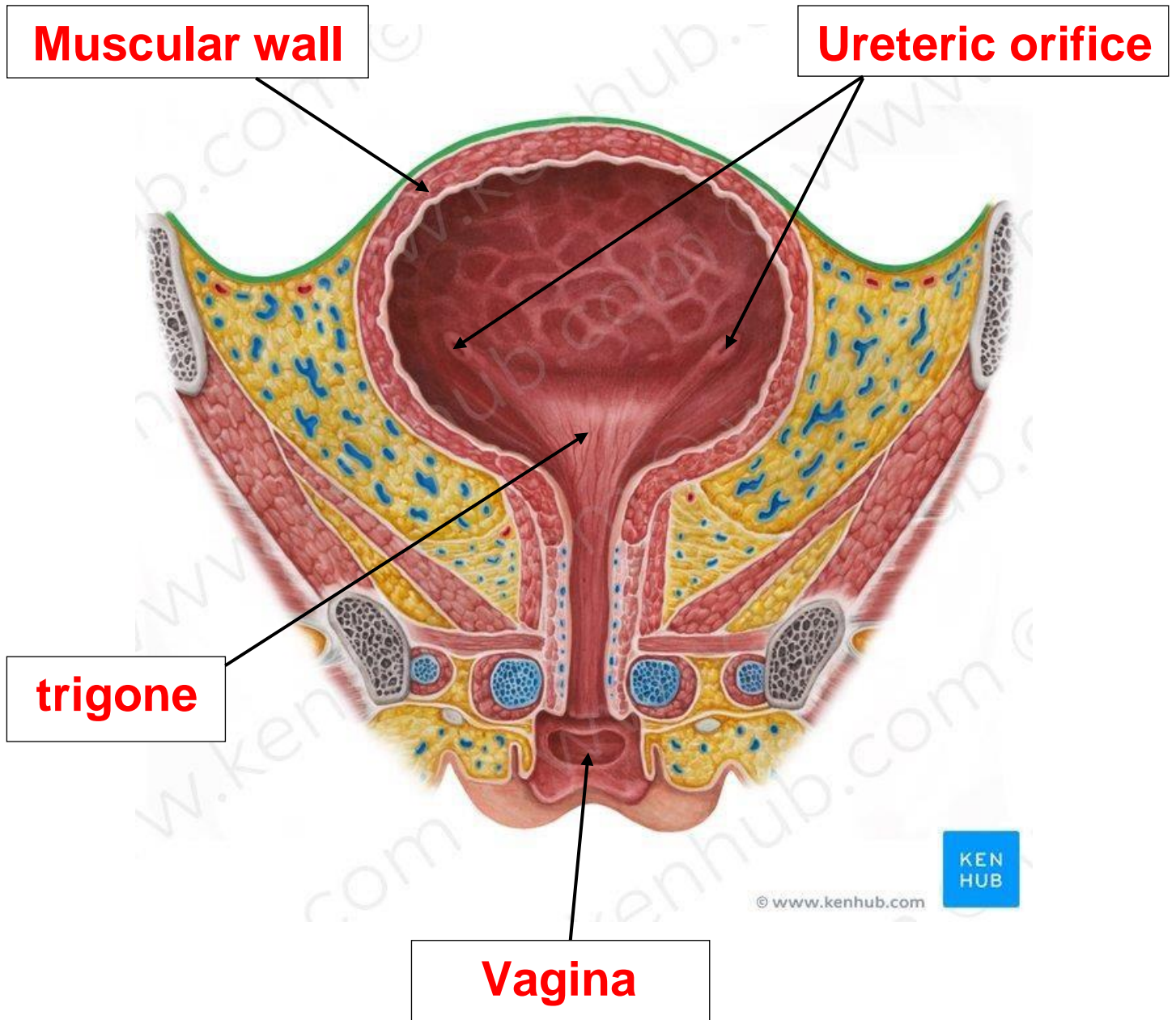
**membranous
part**

Penile part

**External
meatus**

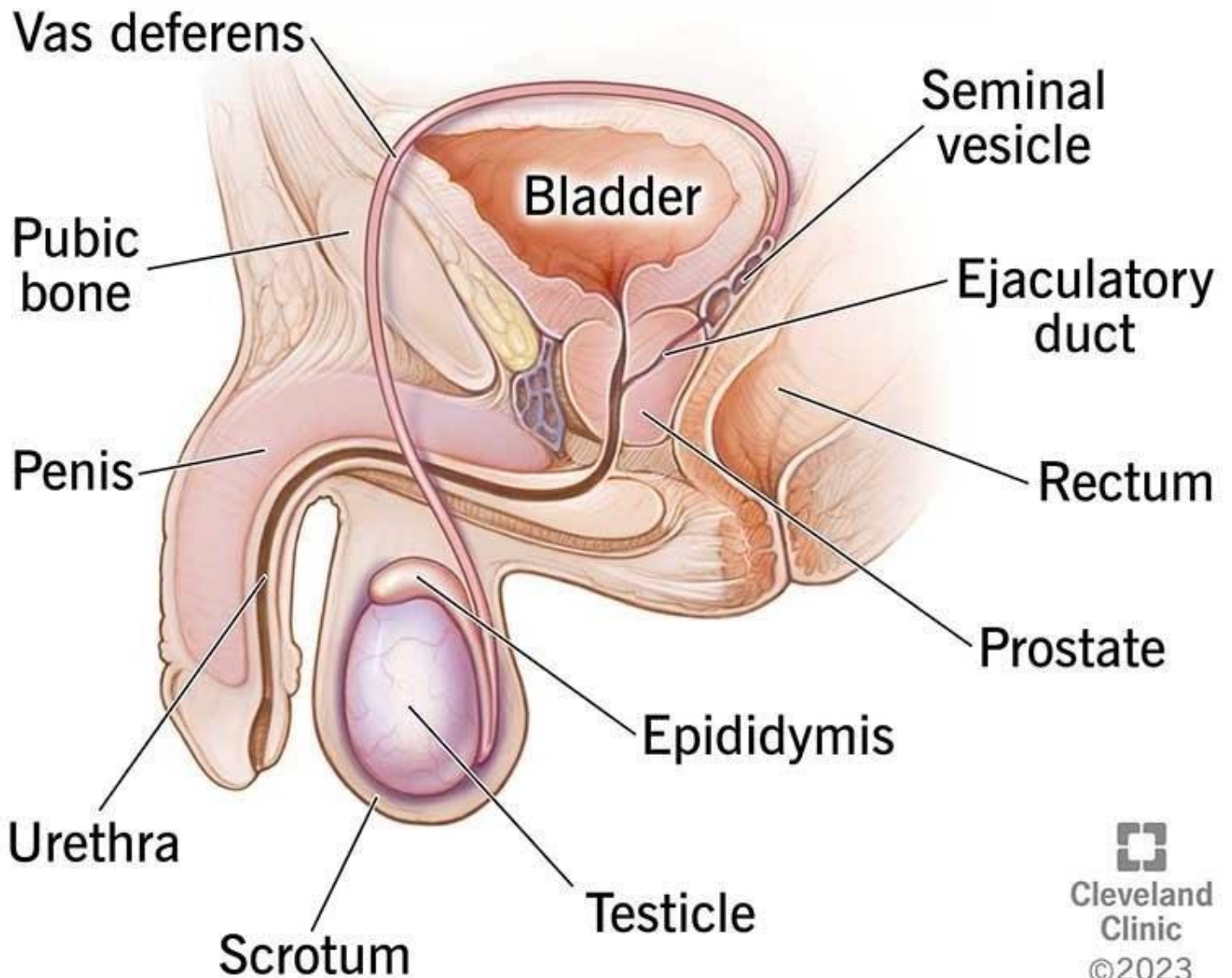


Female Urinary bladder

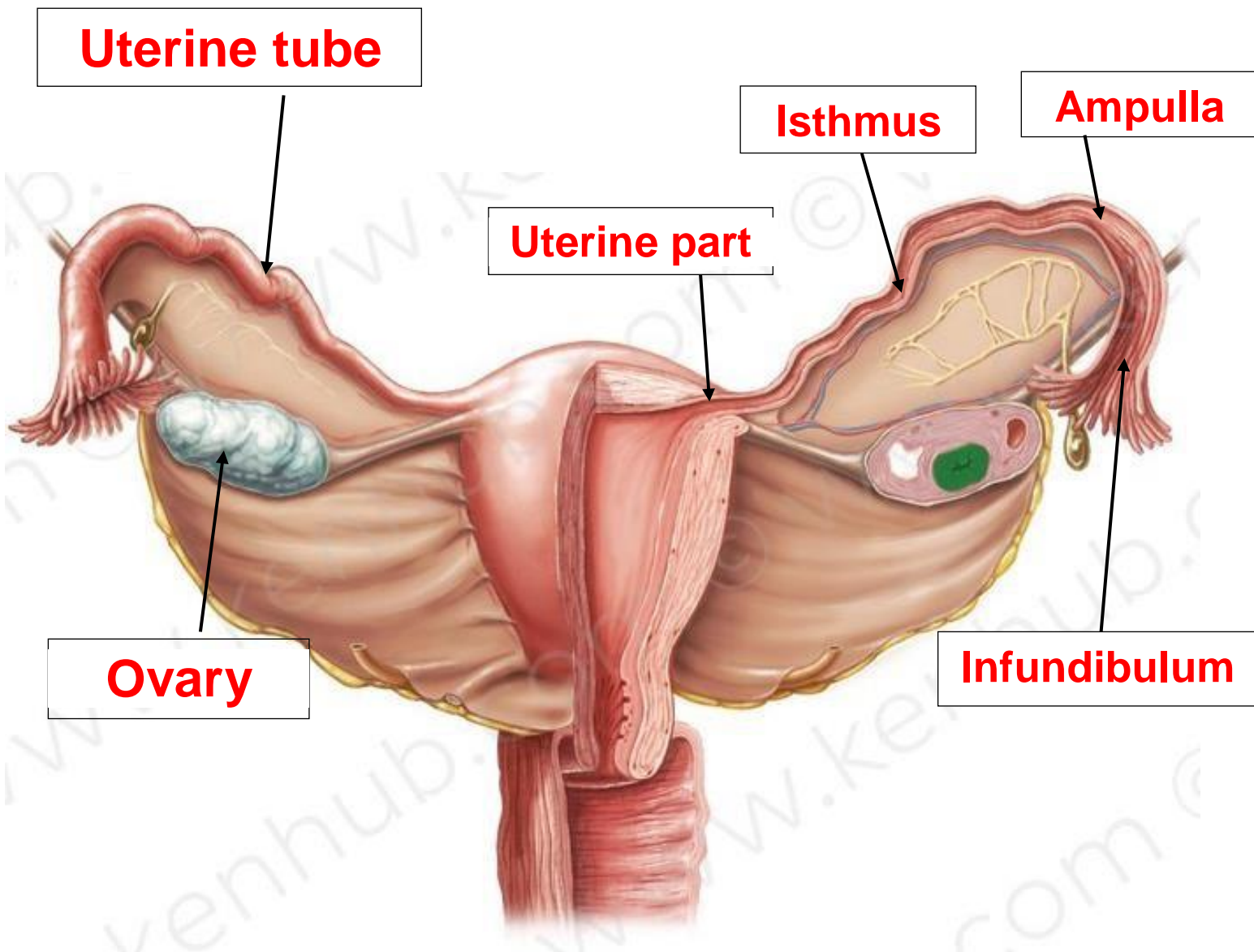


Male genital system

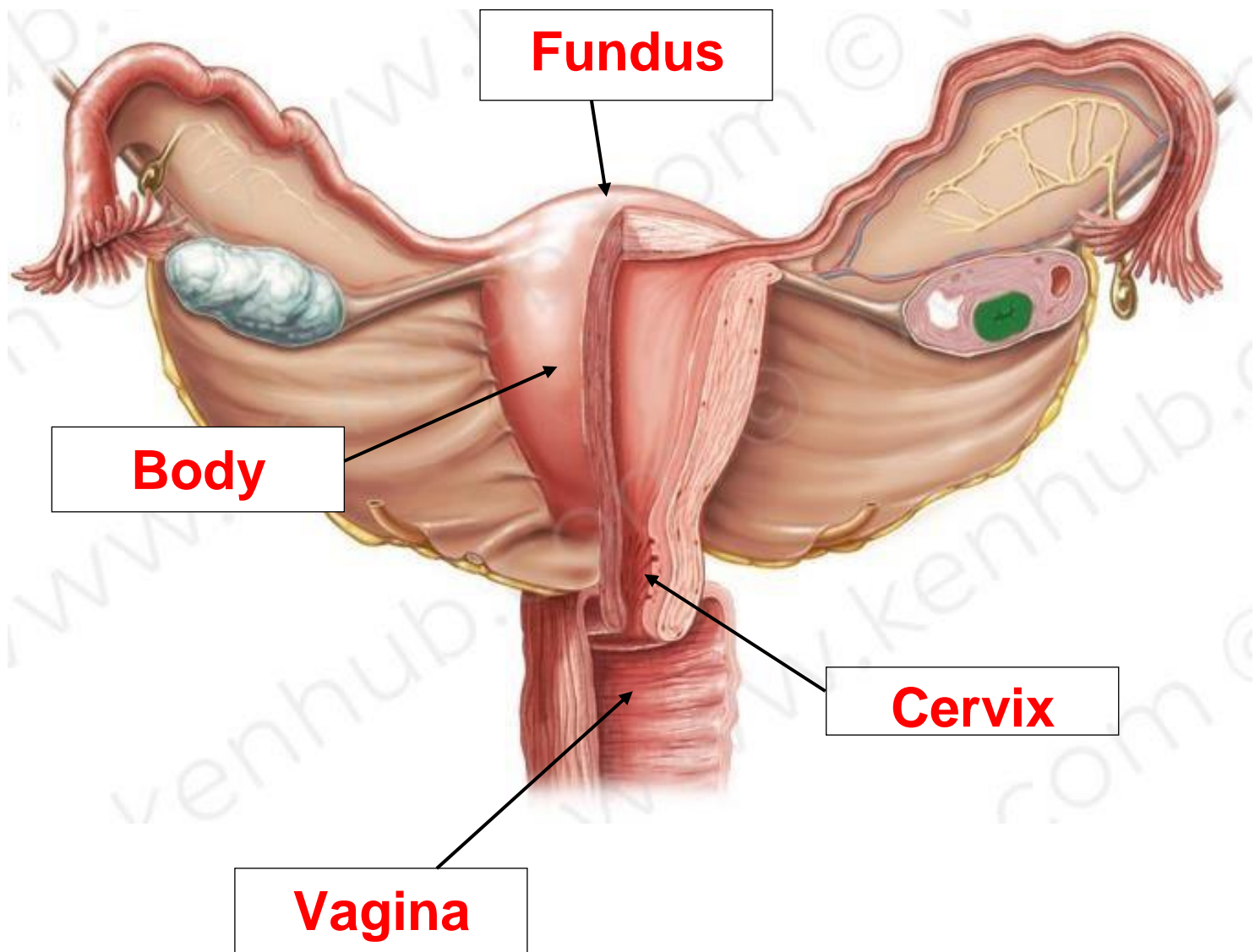
Male Reproductive System



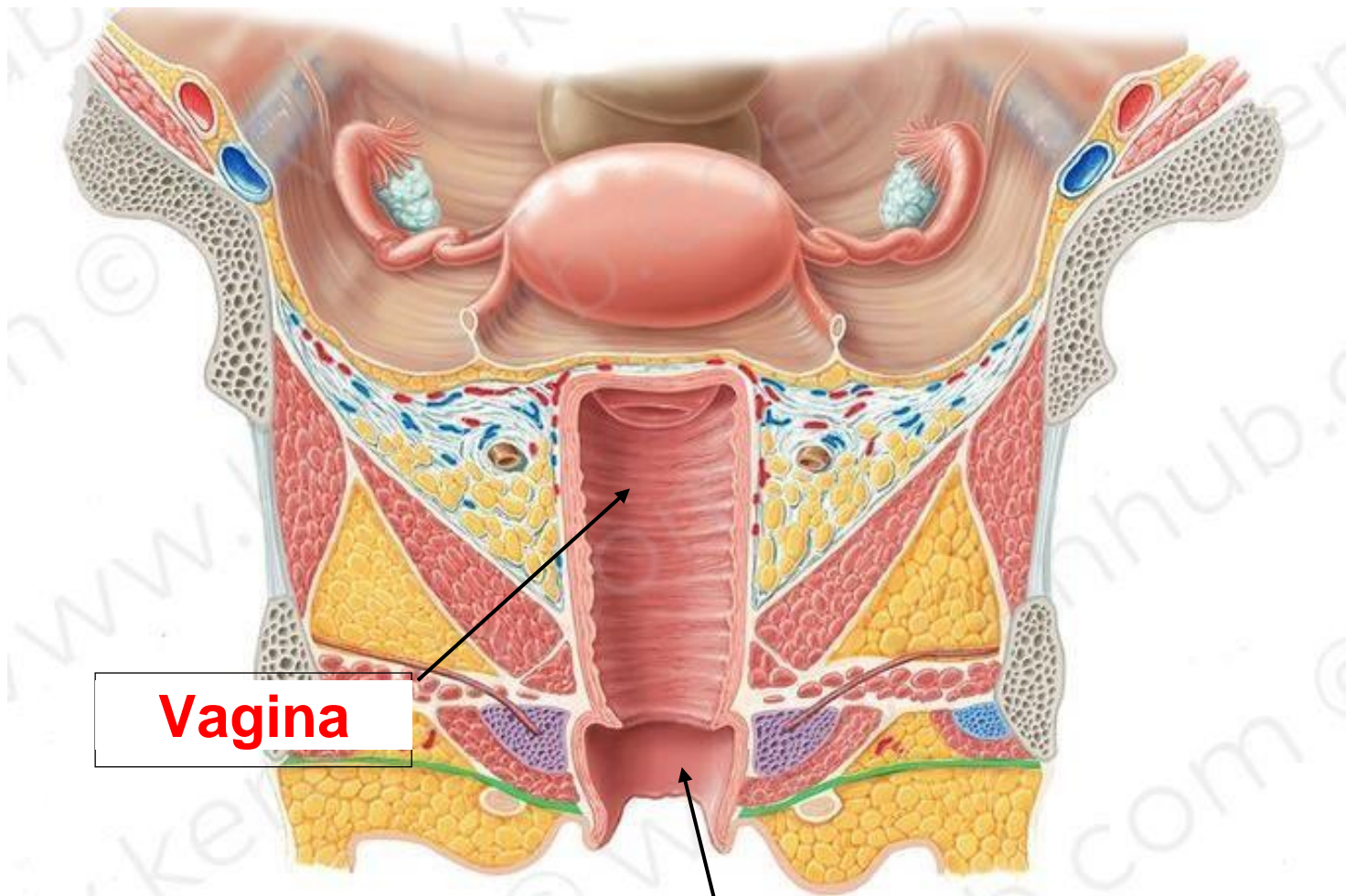
Female genital system



Uterus



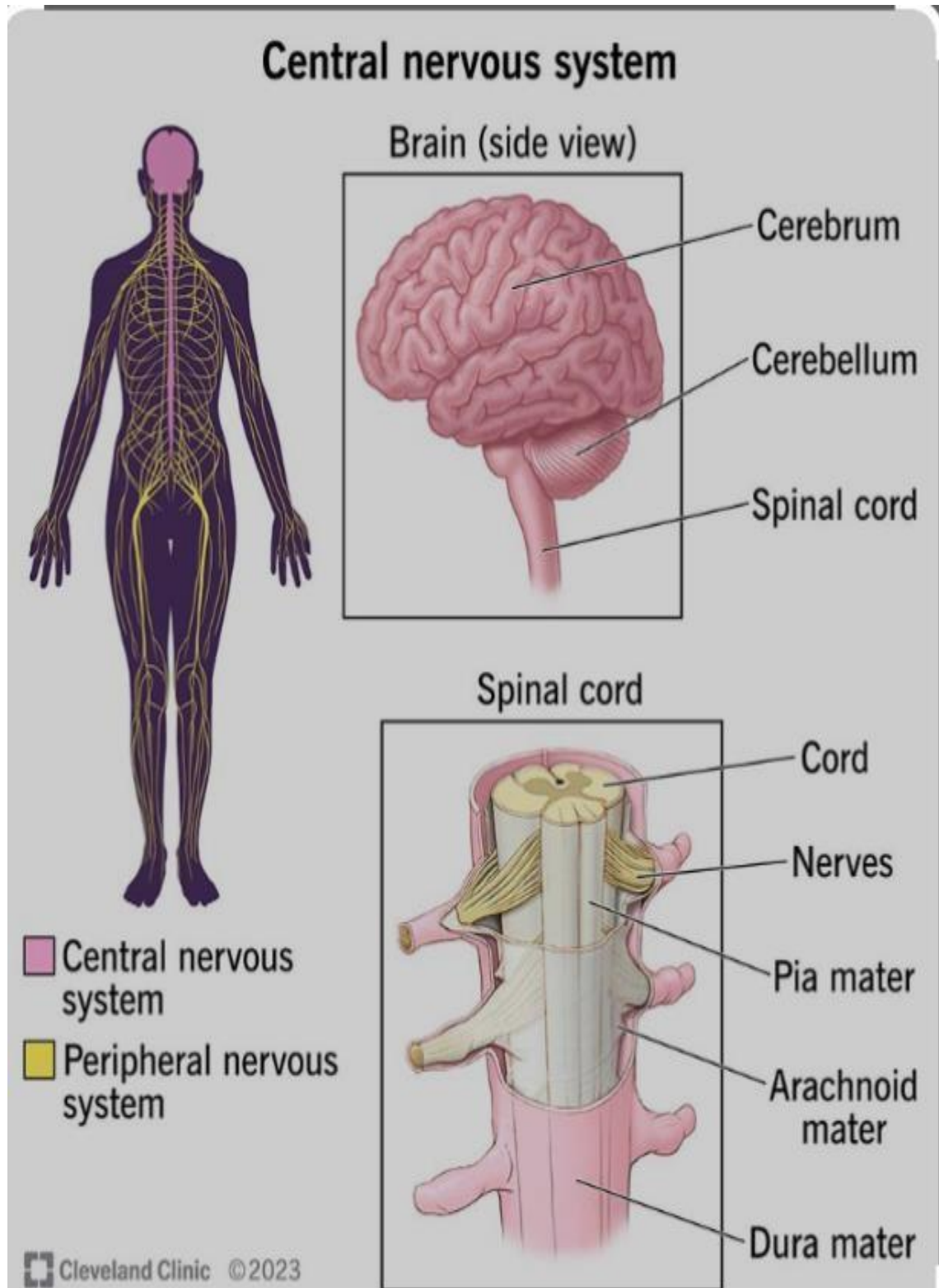
Vagina



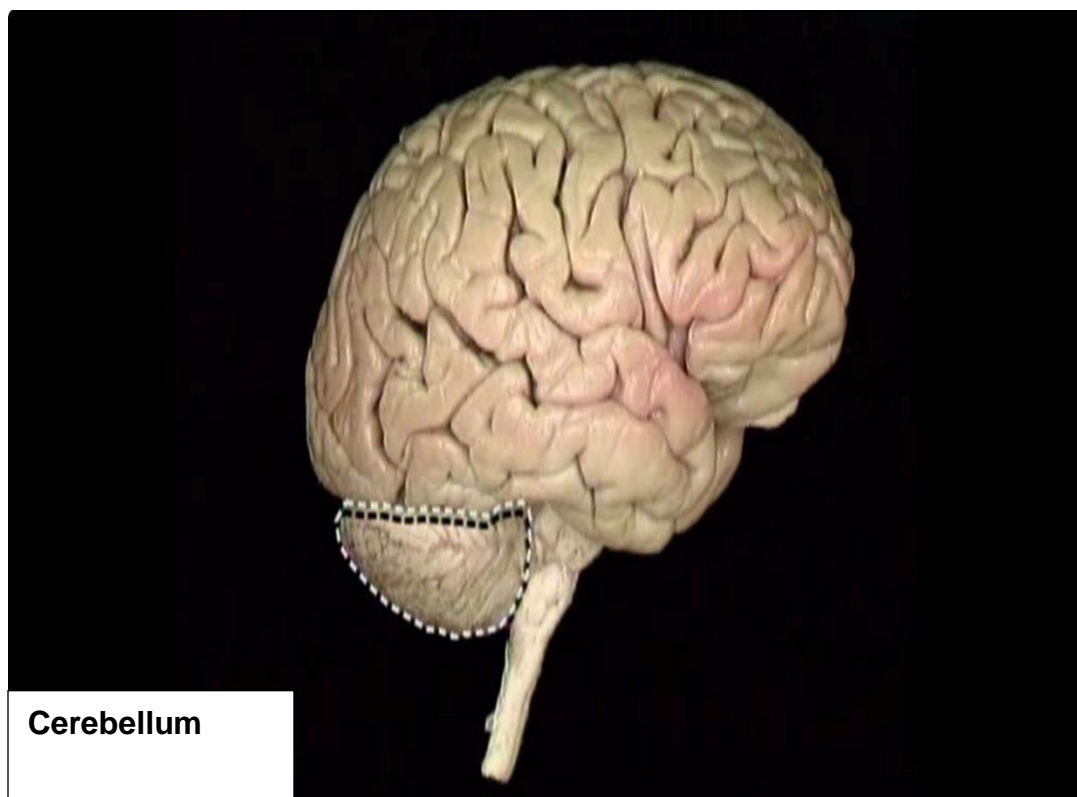
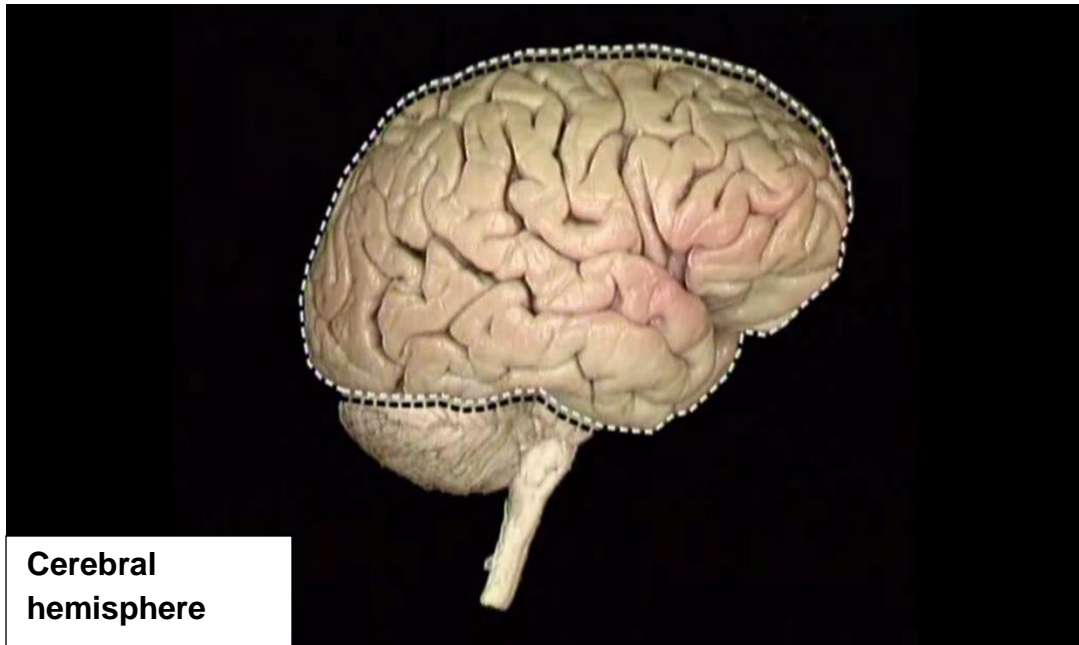
Vagina

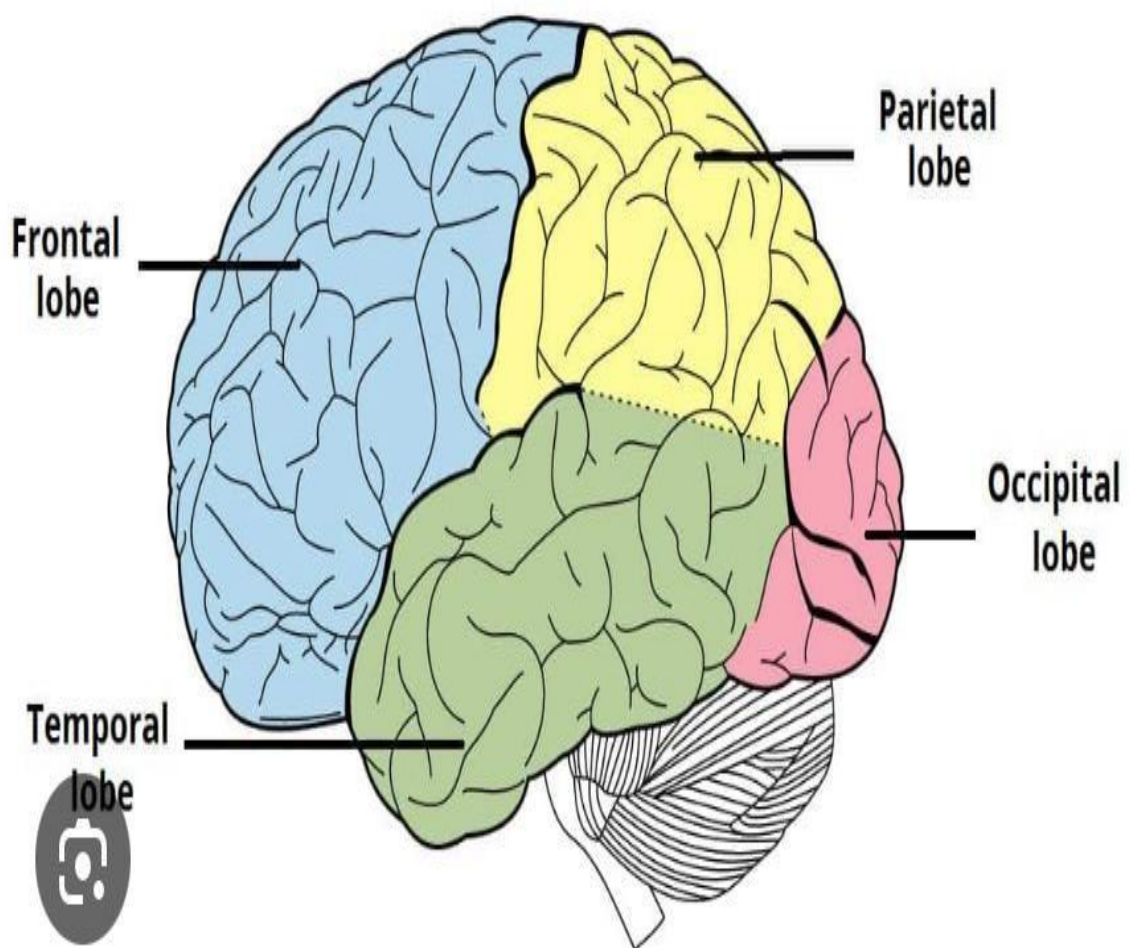
**Vestibule of
Vagina**

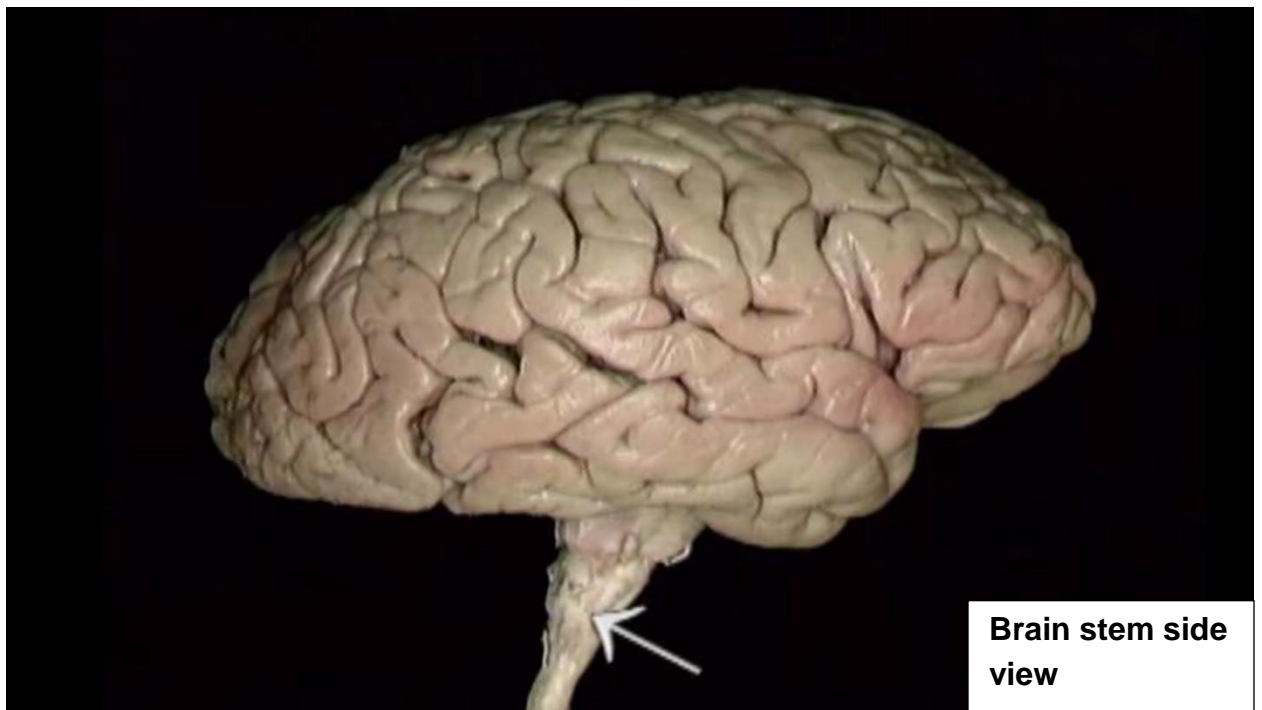
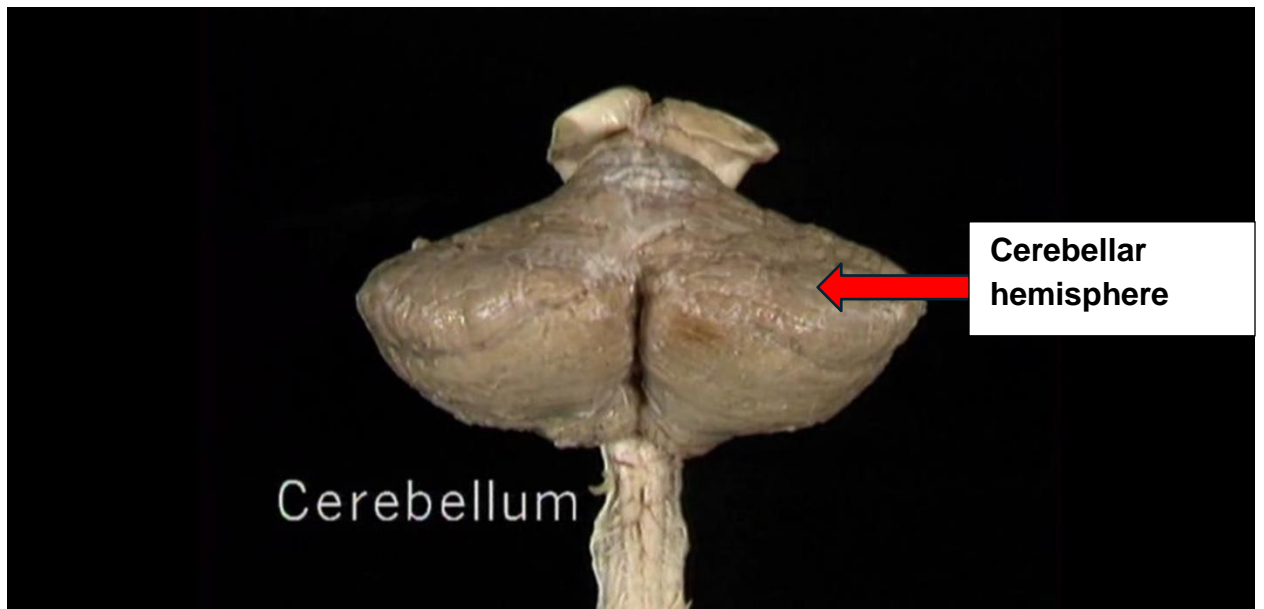
Nervous system (IBS)

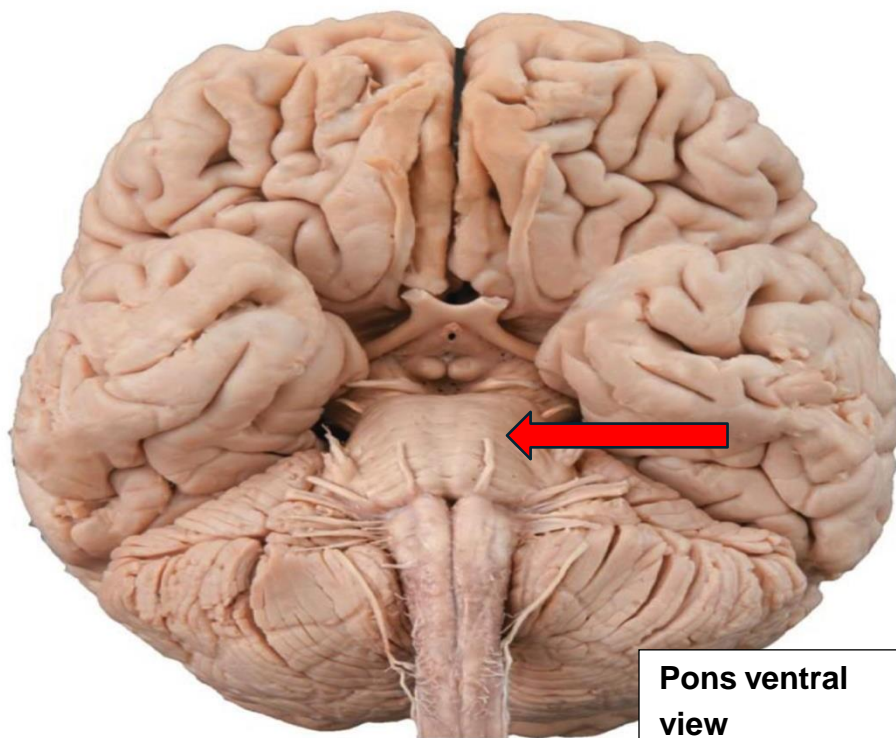


Brain:

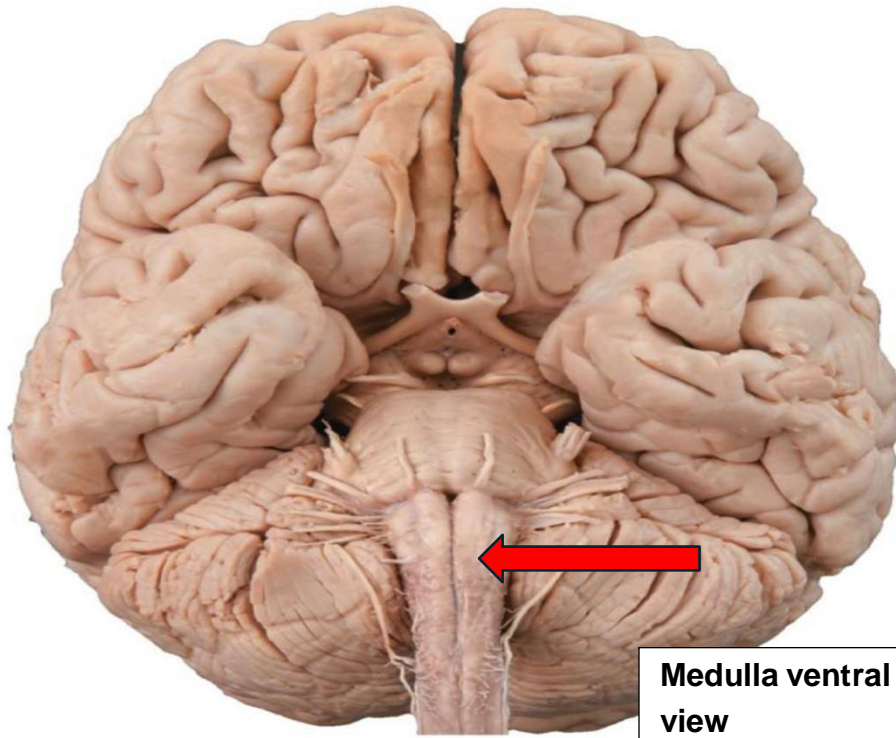




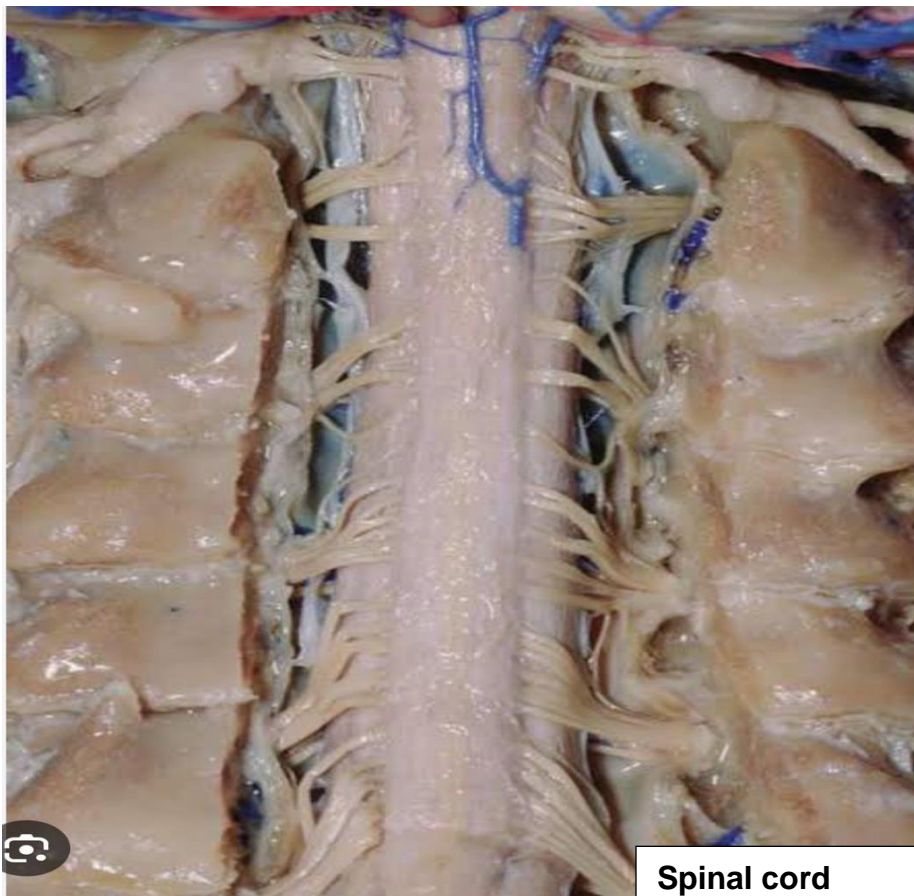
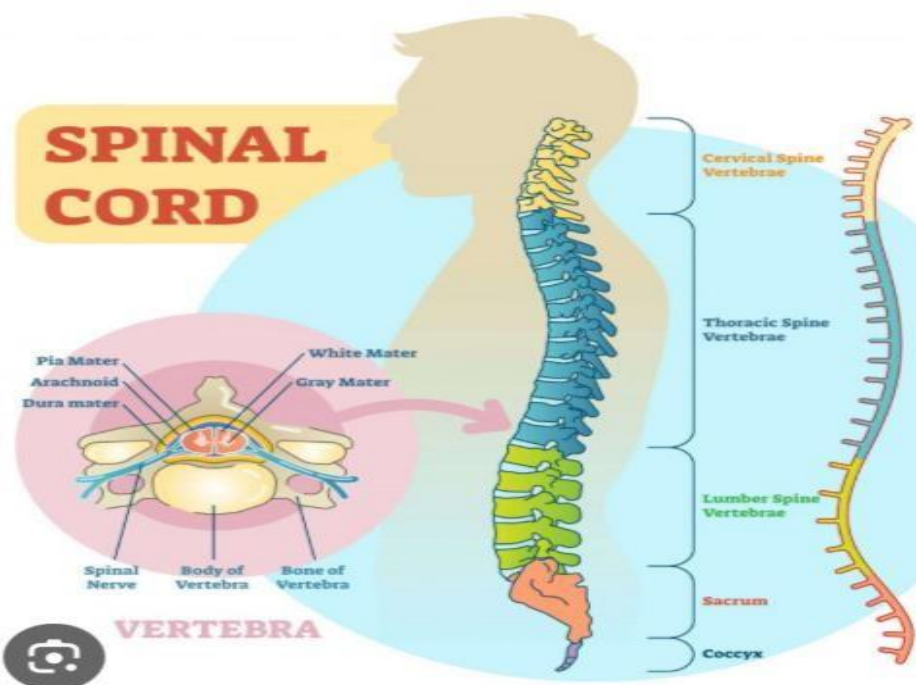


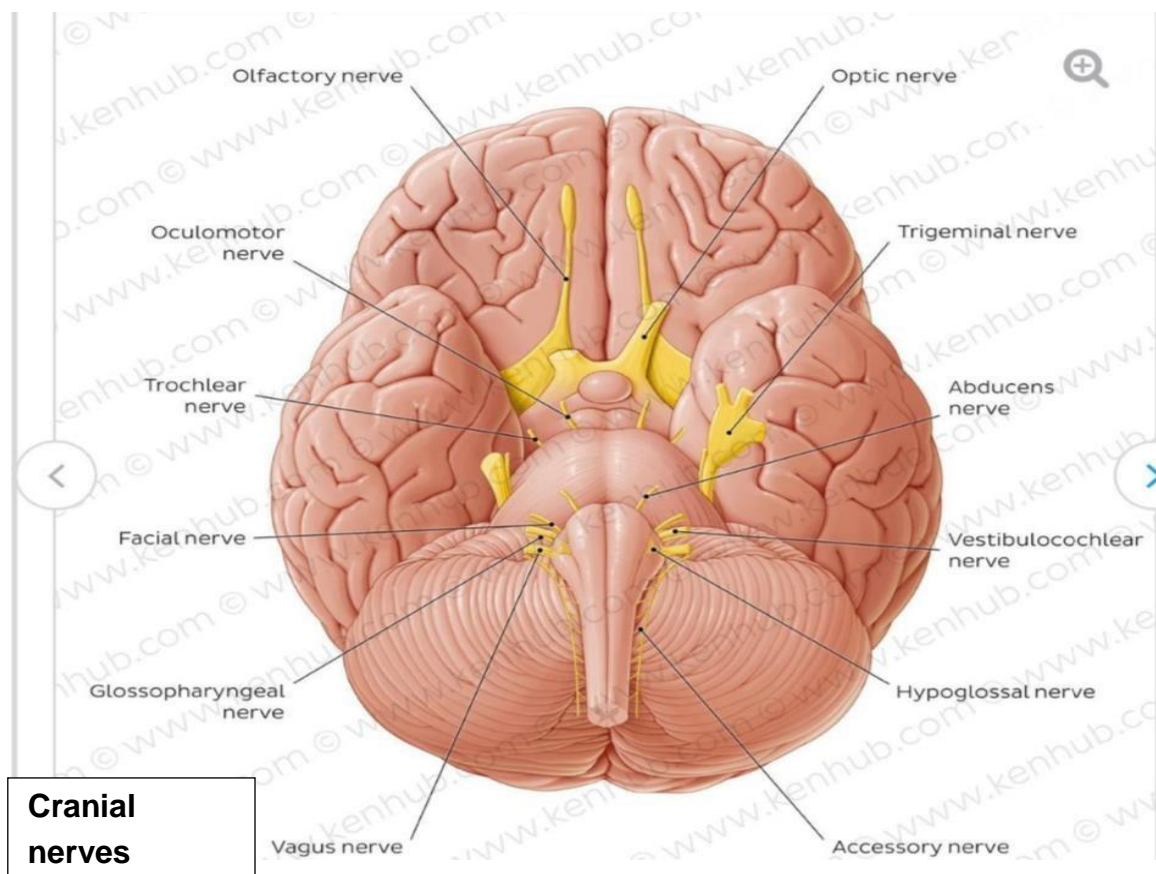
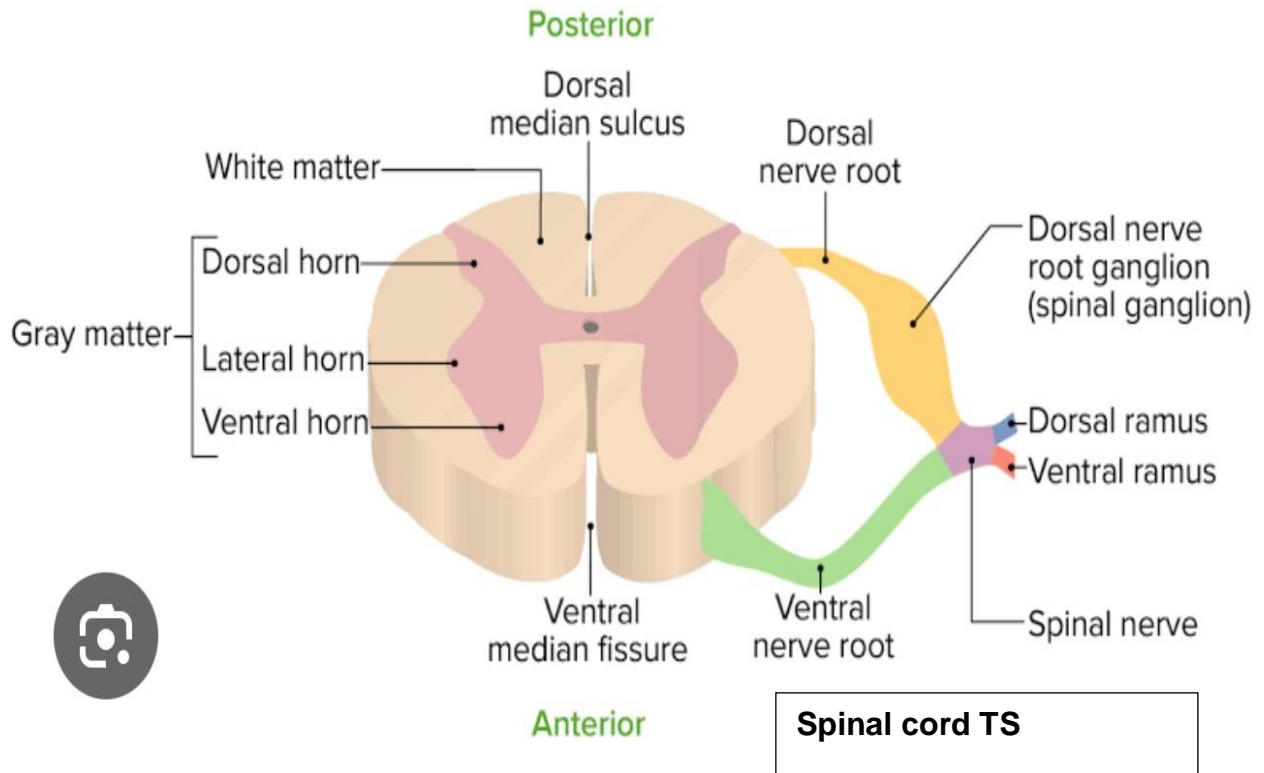


**Pons ventral
view**



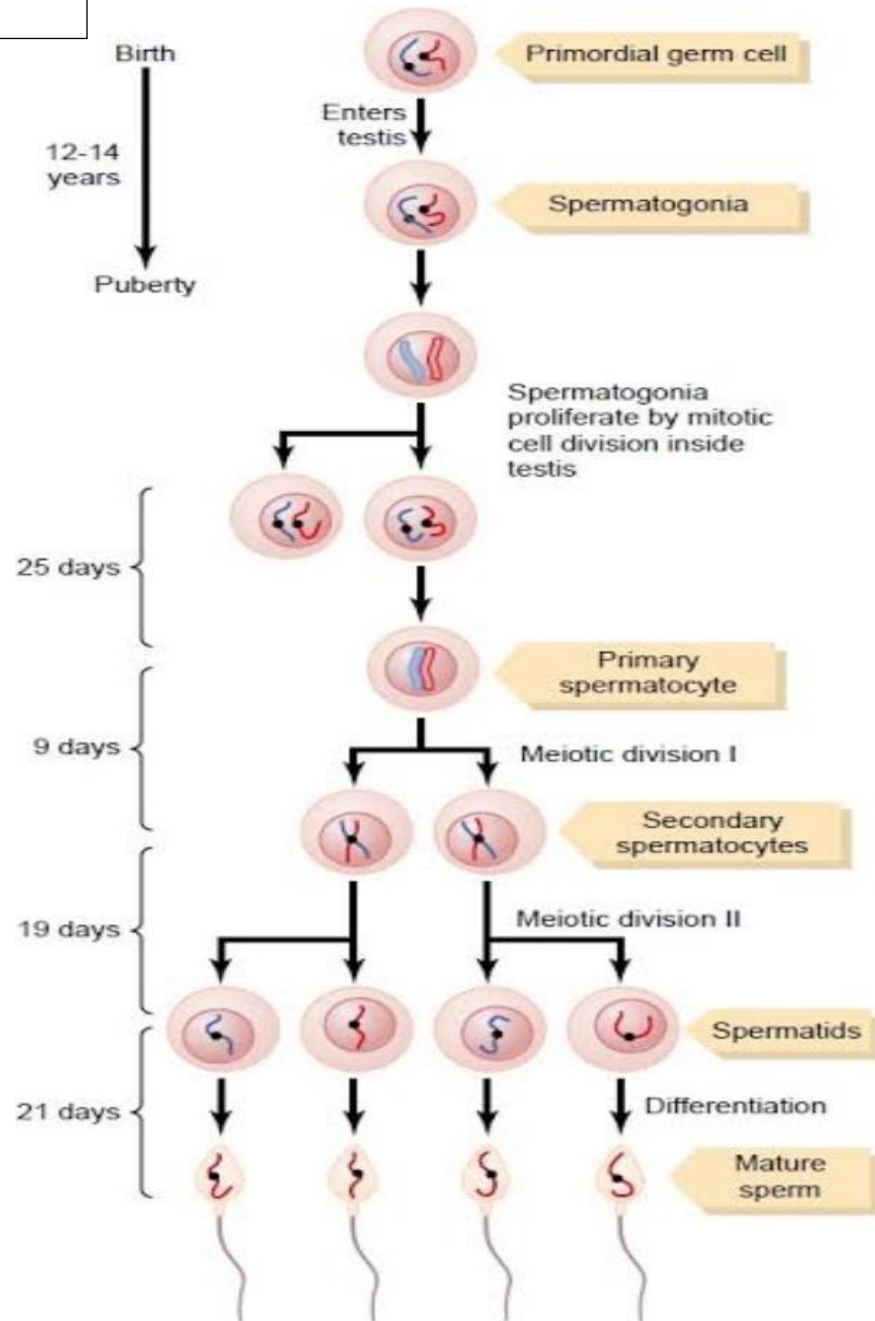
**Medulla ventral
view**



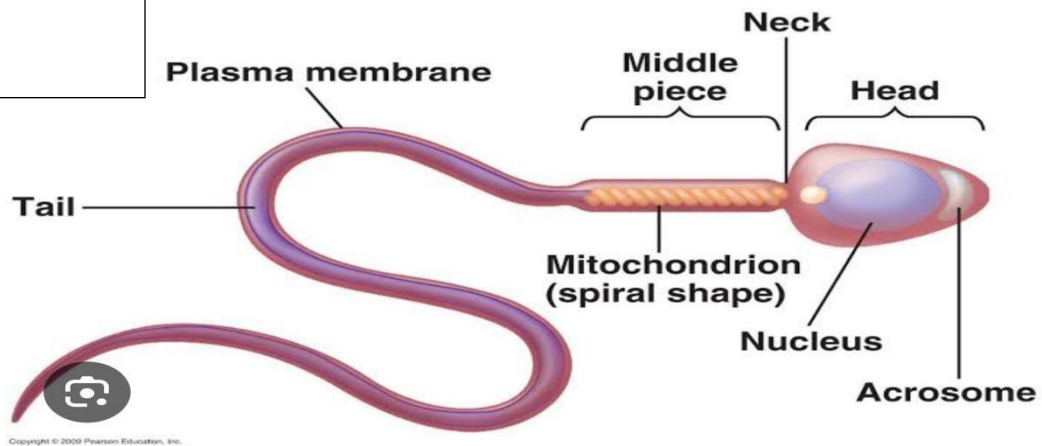


Embryology Ibs

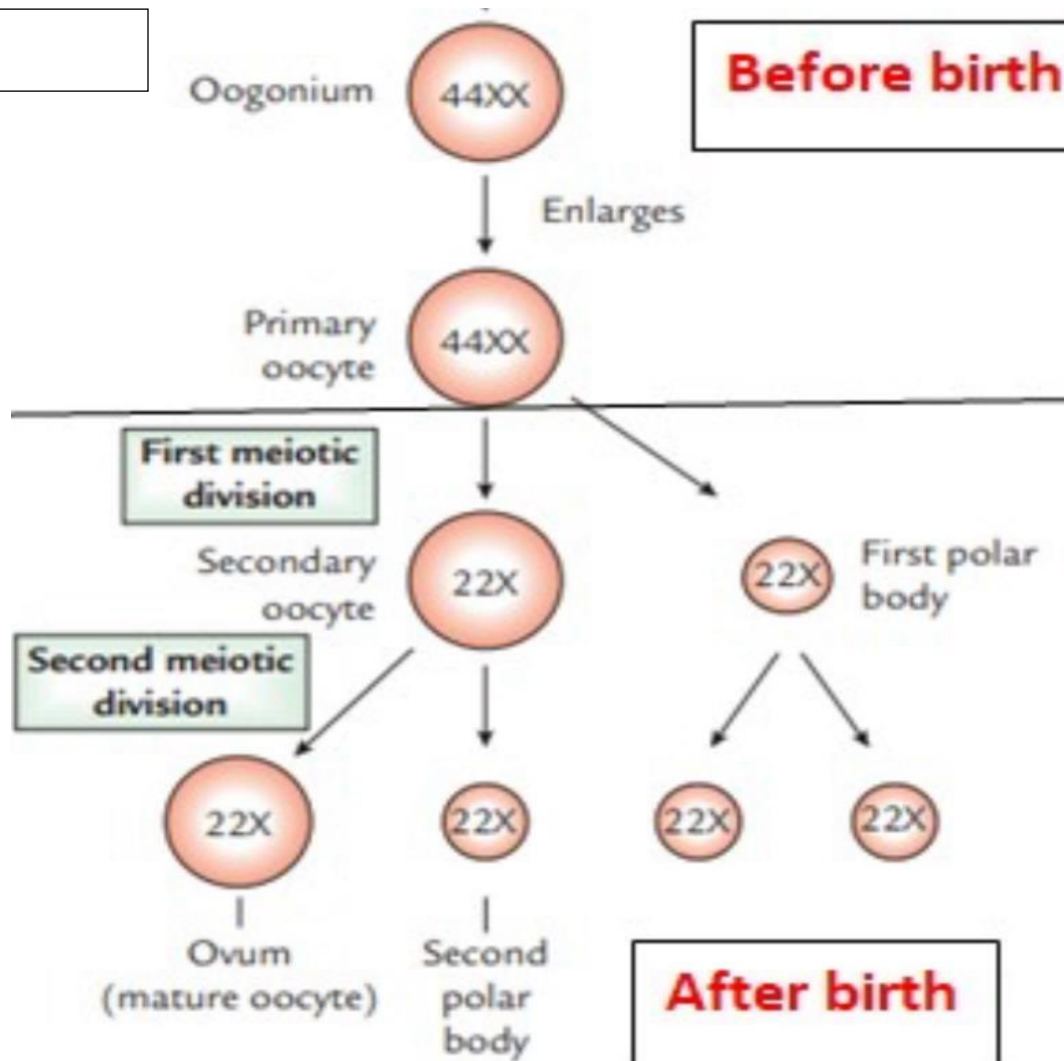
Spermatogenesis

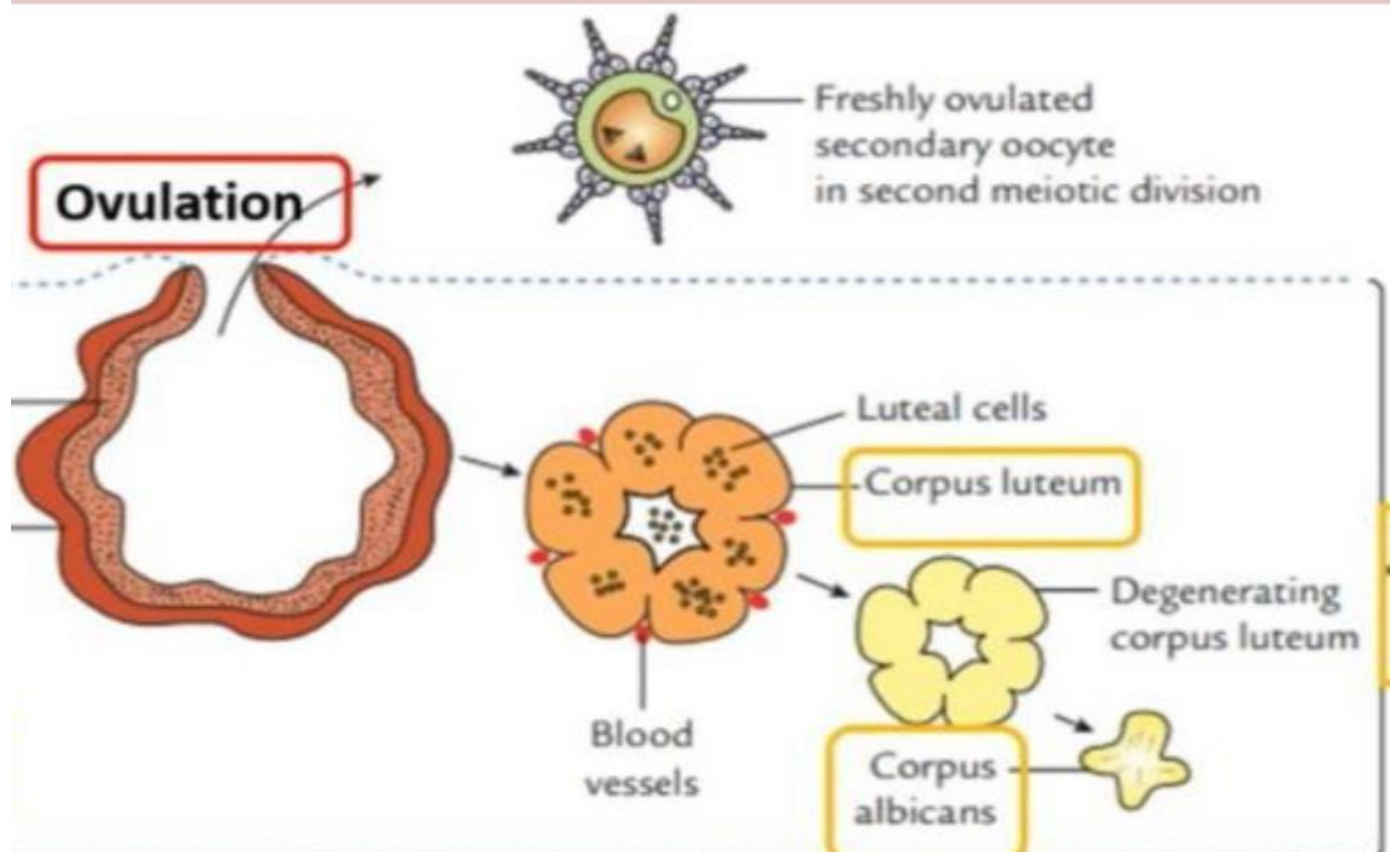
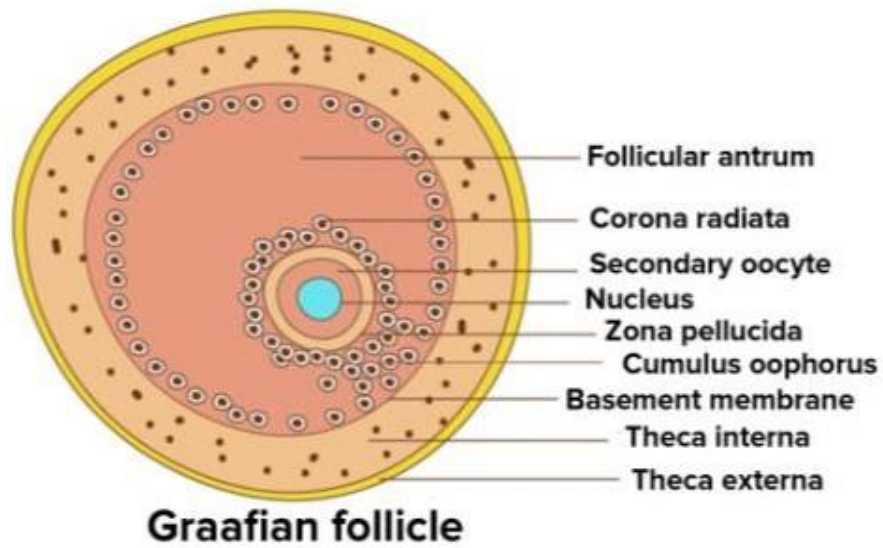


Mature sperm

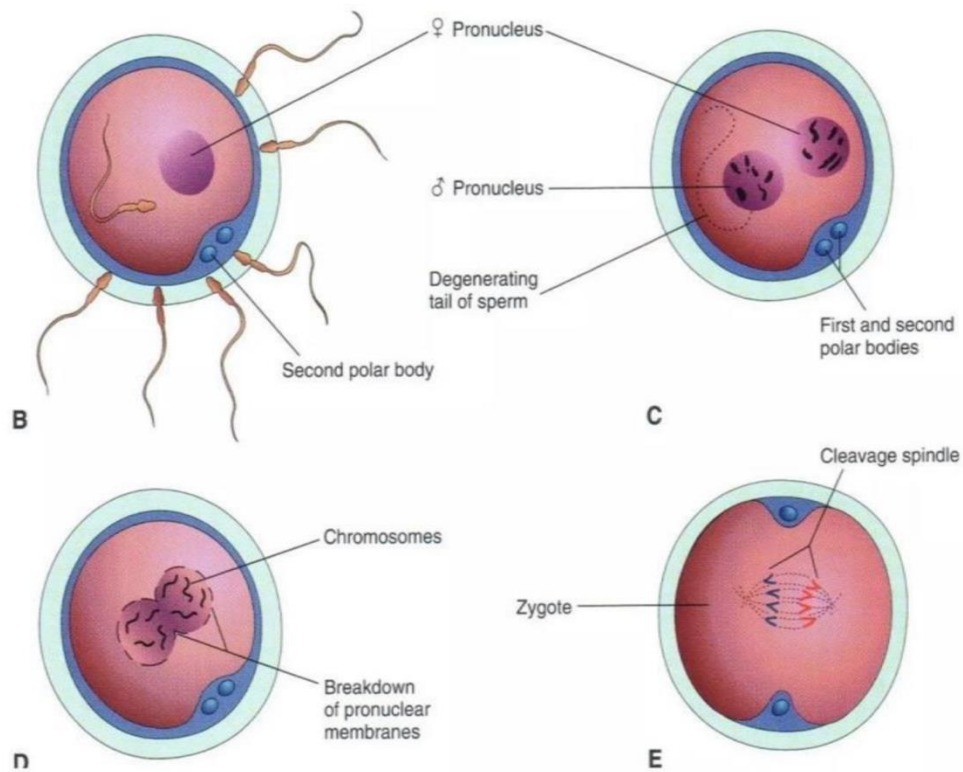
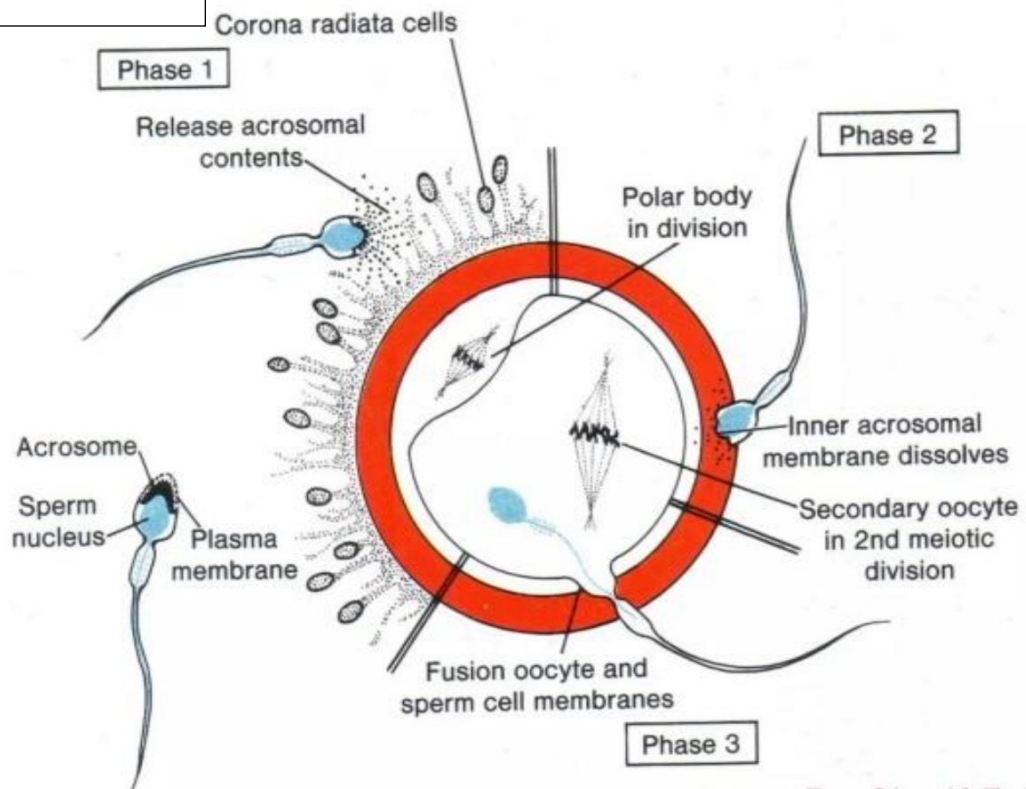


Oogenesis

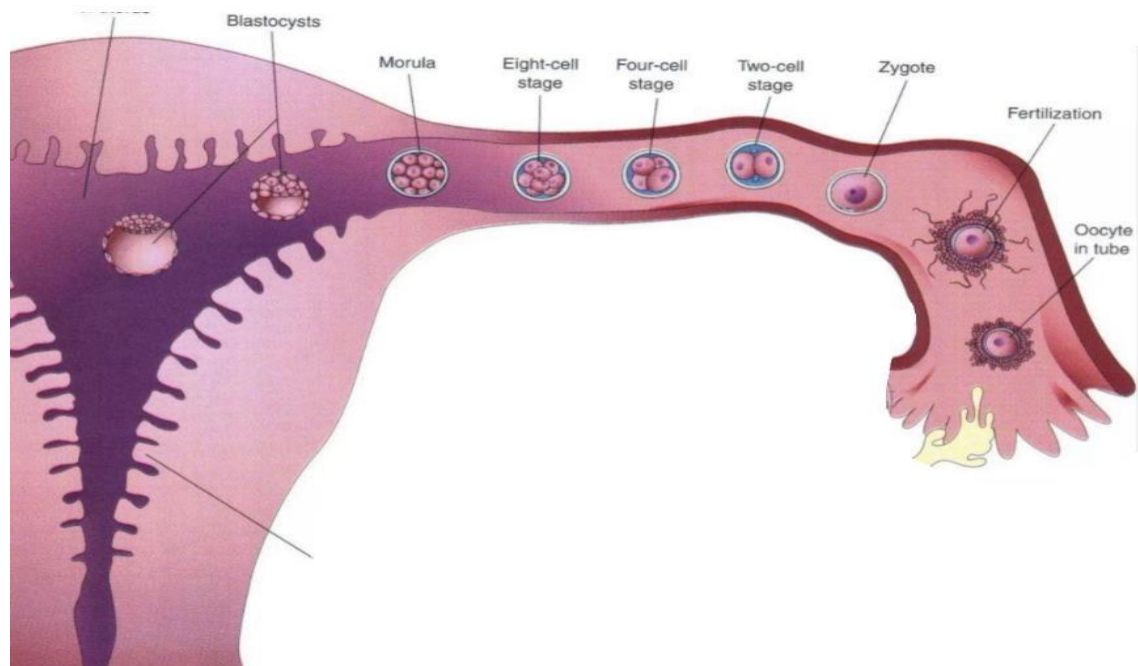




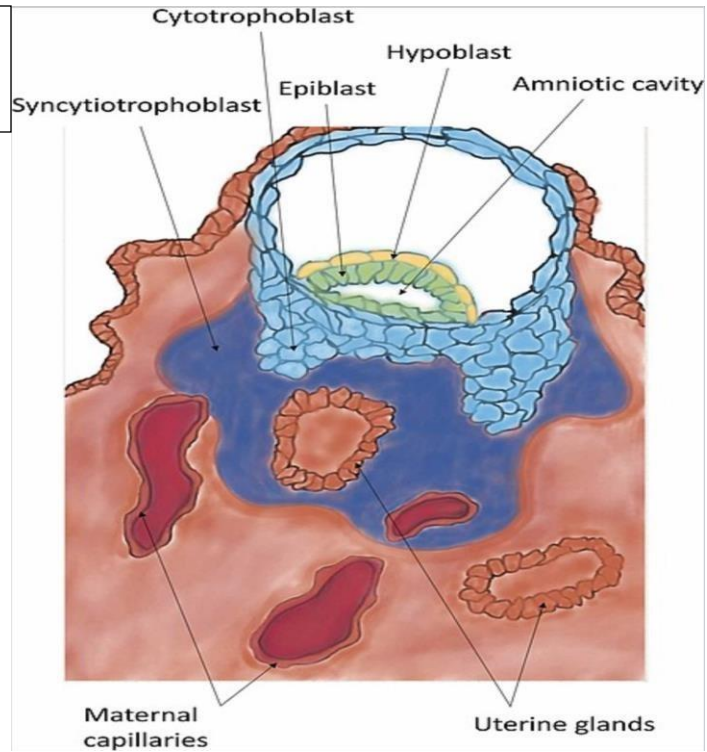
Fertilization process



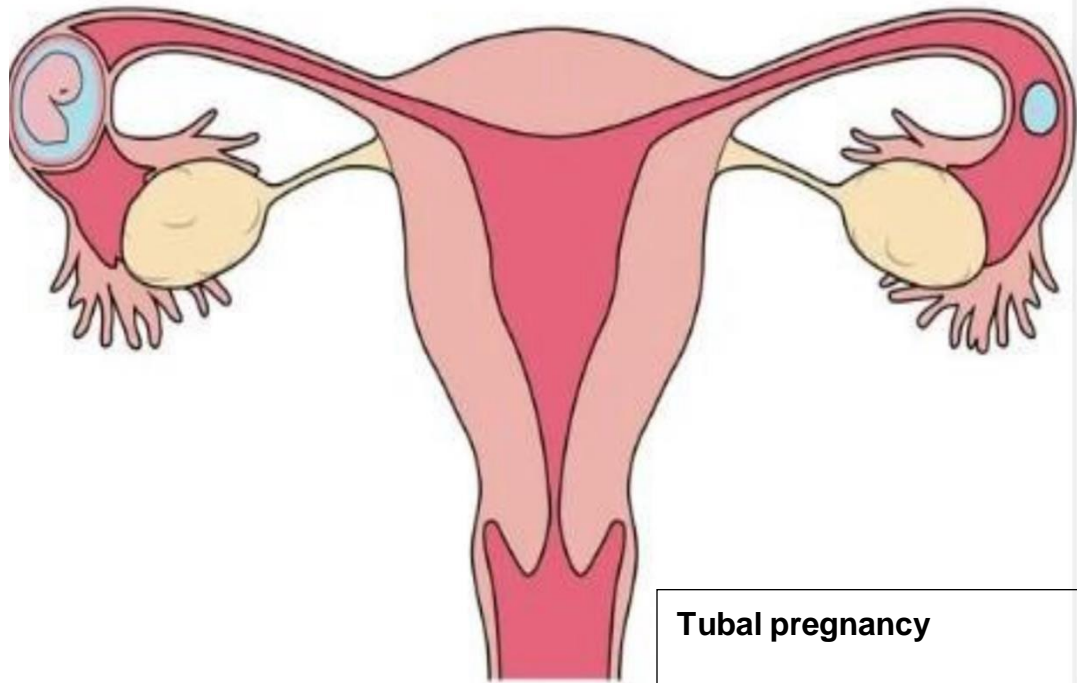
Cleavage



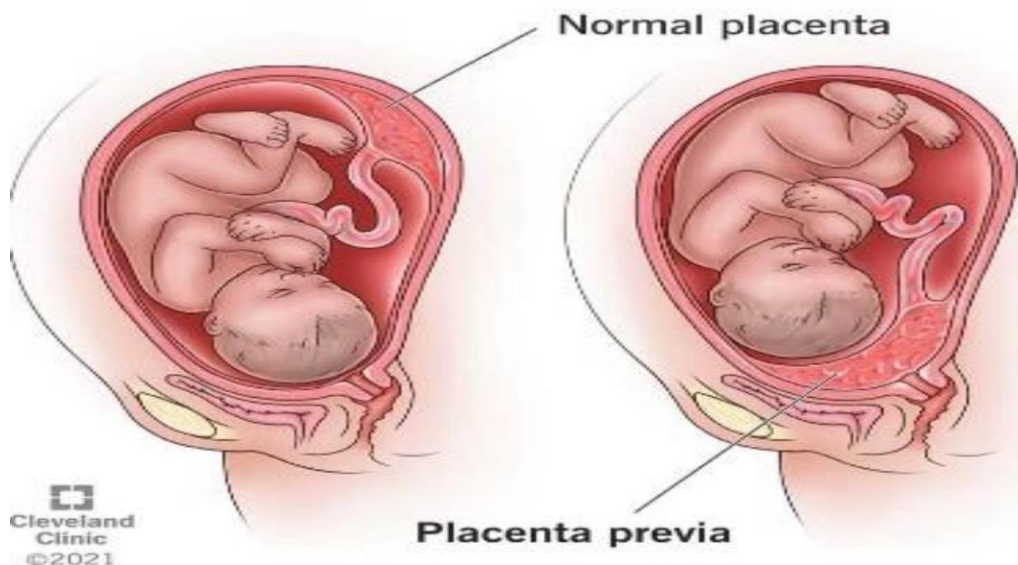
Implantation



**Abnormal sites of
implantation**



Tubal pregnancy



Normal placenta

Placenta previa