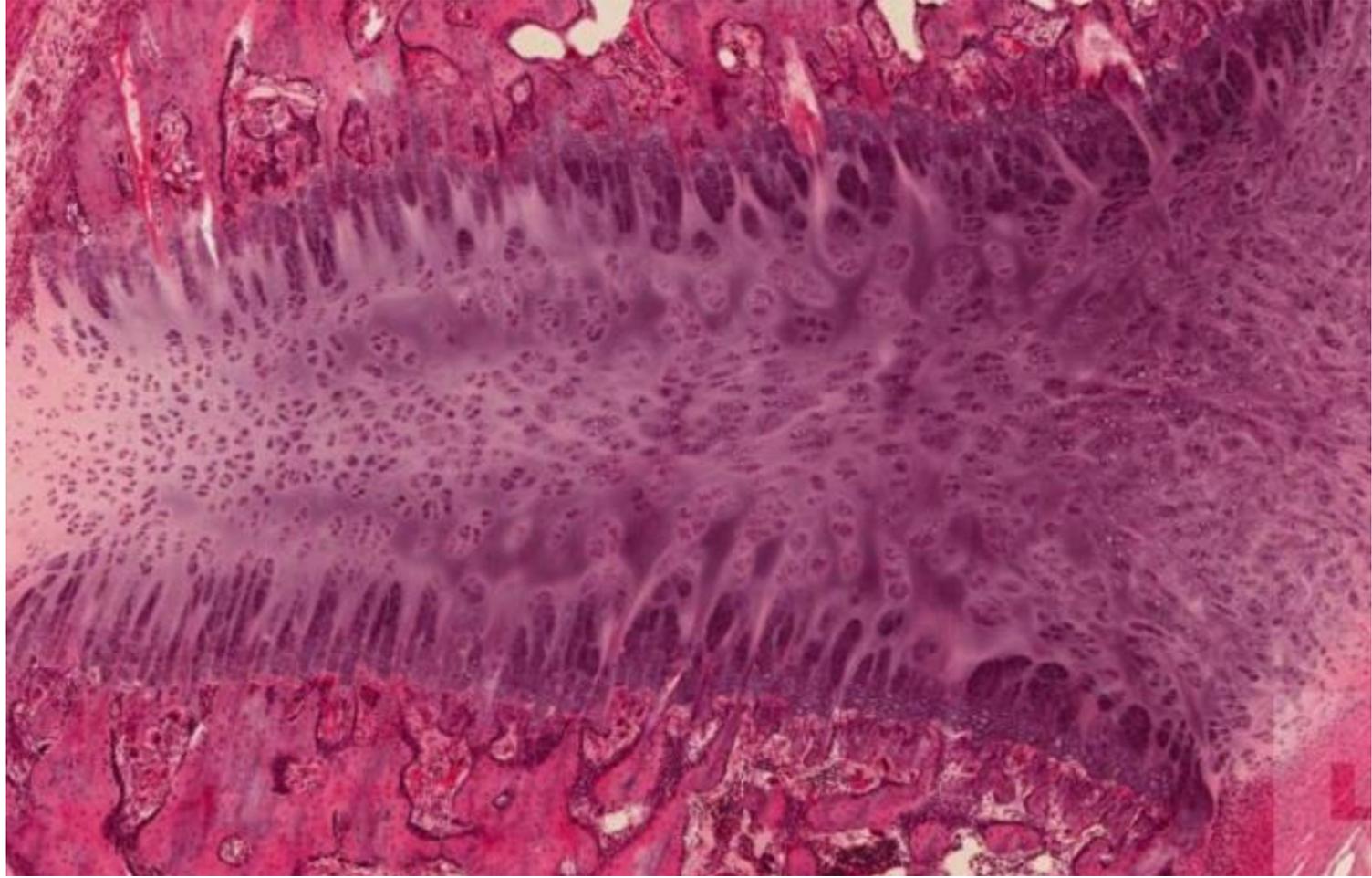


Histology lab cartilage & bone

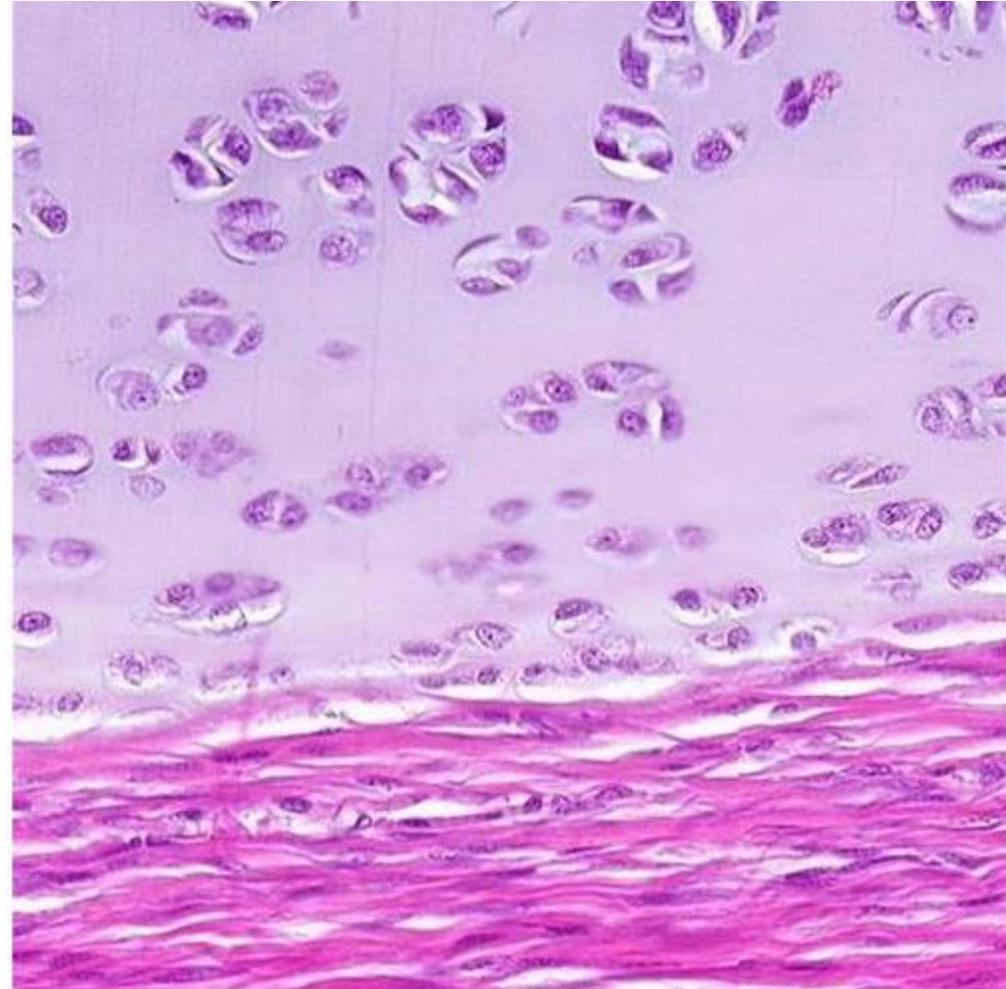
Dr. Amal Albtoosh





hyaline cartilage is found in:

- ❖ physes (growth plates), articular surfaces,
- ❖ tracheal/bronchial rings,
- ❖ larynx,
- ❖ nose,
- ❖ and the ventral portions of the ribs.
- ❖ In the fetus, it serves as a temporary skeleton until it is replaced by bone.



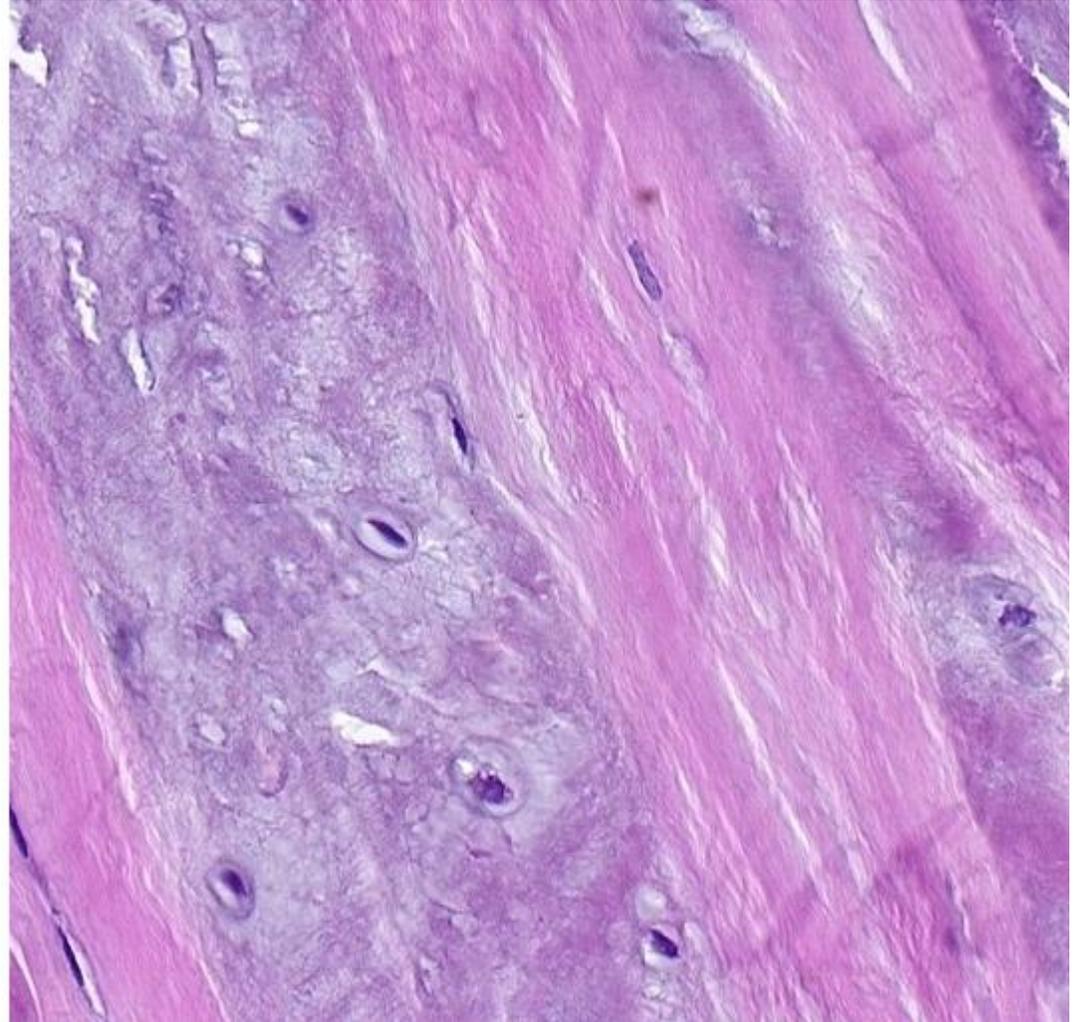
Elastic cartilage

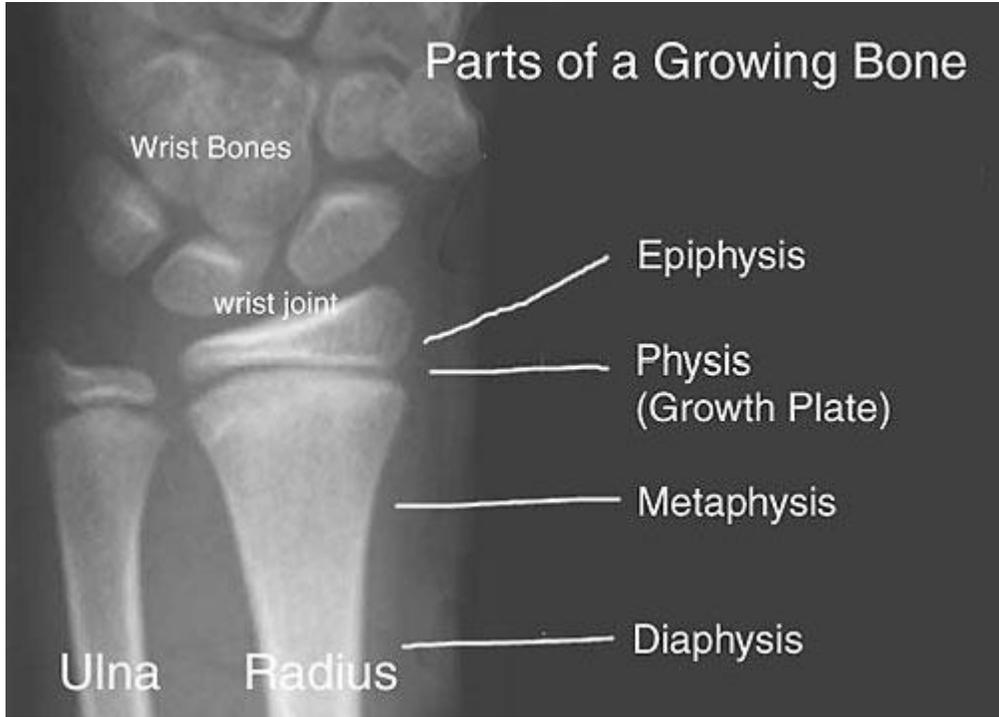
It is found in the:

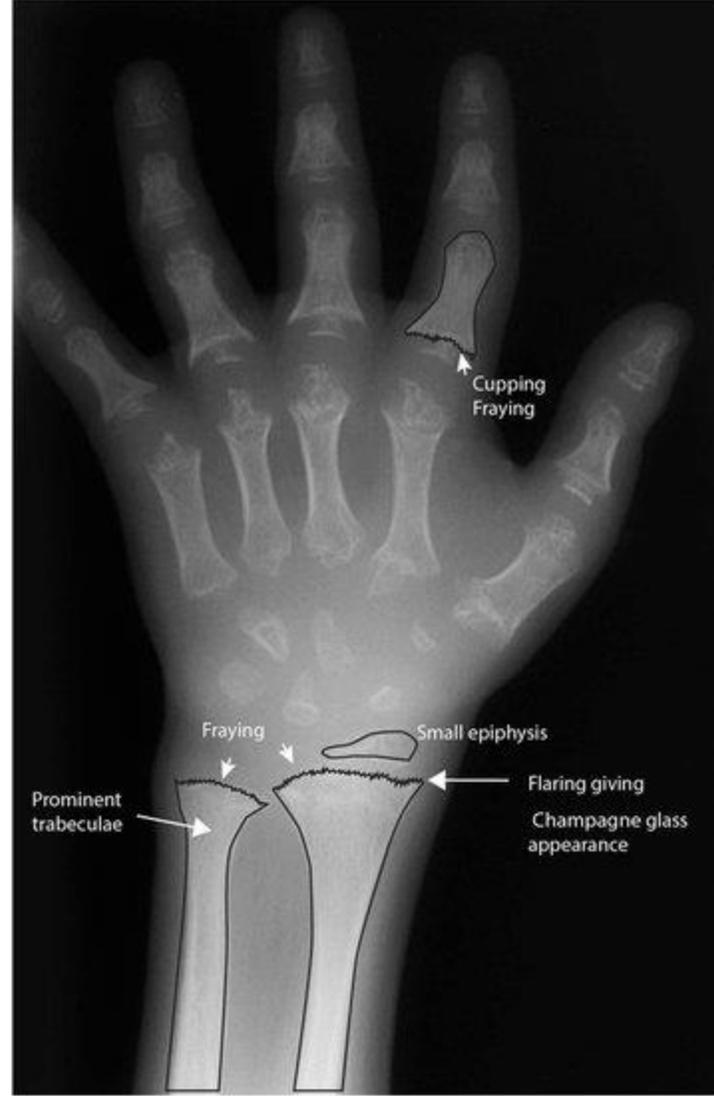
- ❖ external ear (auricular cartilage)
- ❖ auditory tubes
- ❖ The epiglottis
- ❖ The processes of the arytenoid cartilages.
- ✓ **A perichondrium is present.**



- ❖ **Fibrocartilage does not contain a perichondrium.**
- ❖ Fibrocartilage Is Found In The Menisci Of The Stifle Joint,
- ❖ Symphyses (E.G., The Pelvic Symphysis),
- ❖ The Annulus Fibrosis Of The Intervertebral Discs,
- ❖ Where Ligaments And Tendons Attach To Hyaline Cartilage Surfaces Of Joints







diaphysis

metaphysis

Epiphysis

epiphyseal plate

medullary cavity

compact bone

periosteum

DSO

