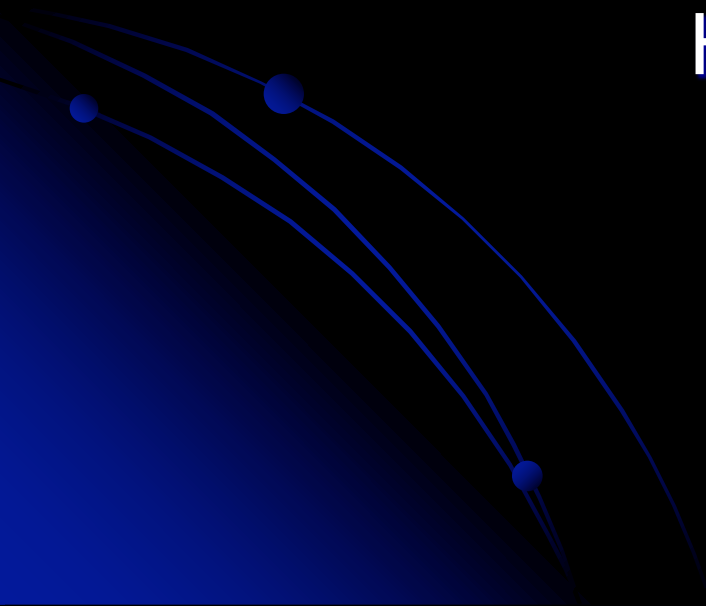
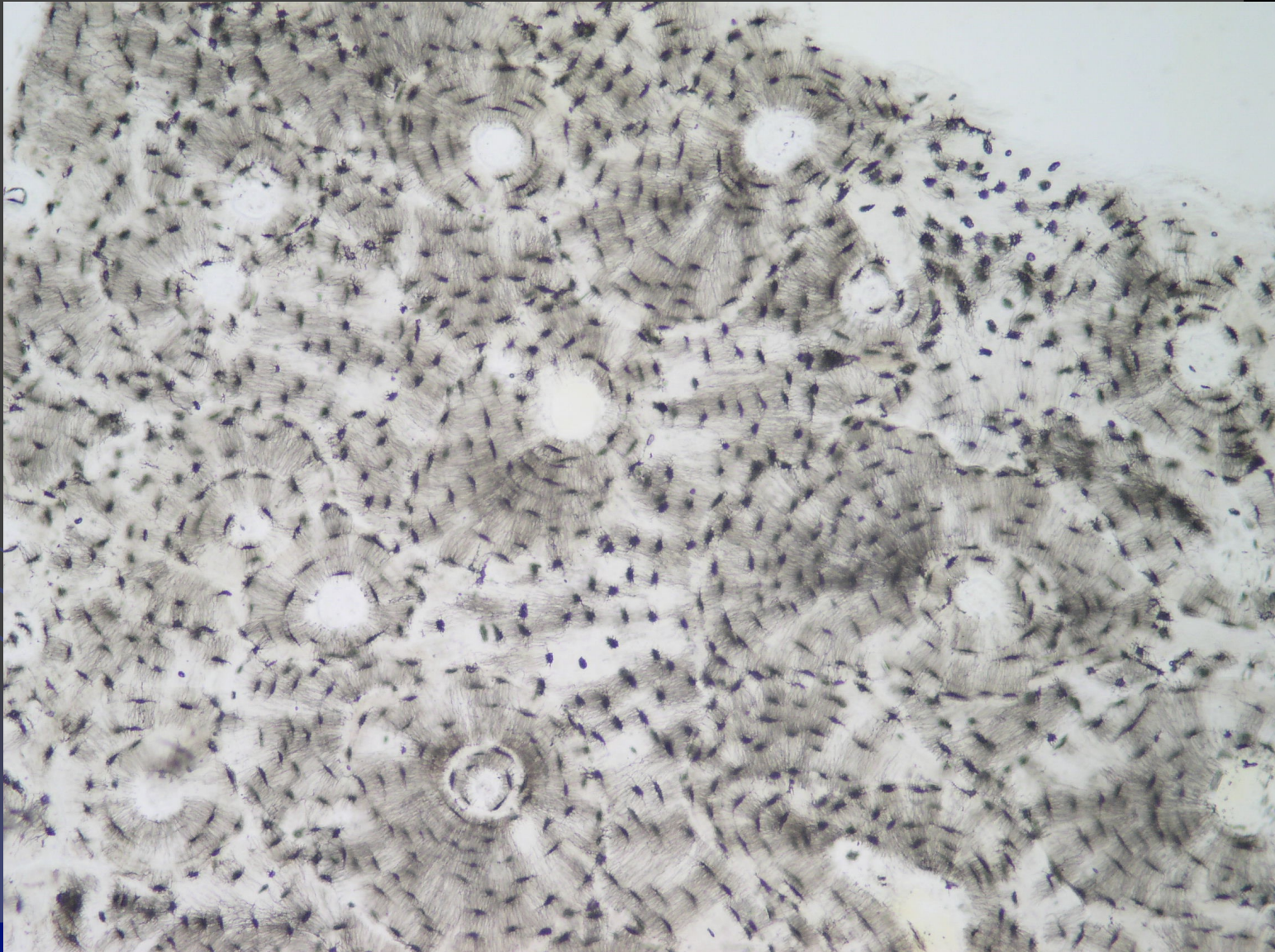


Bone & Cartilage

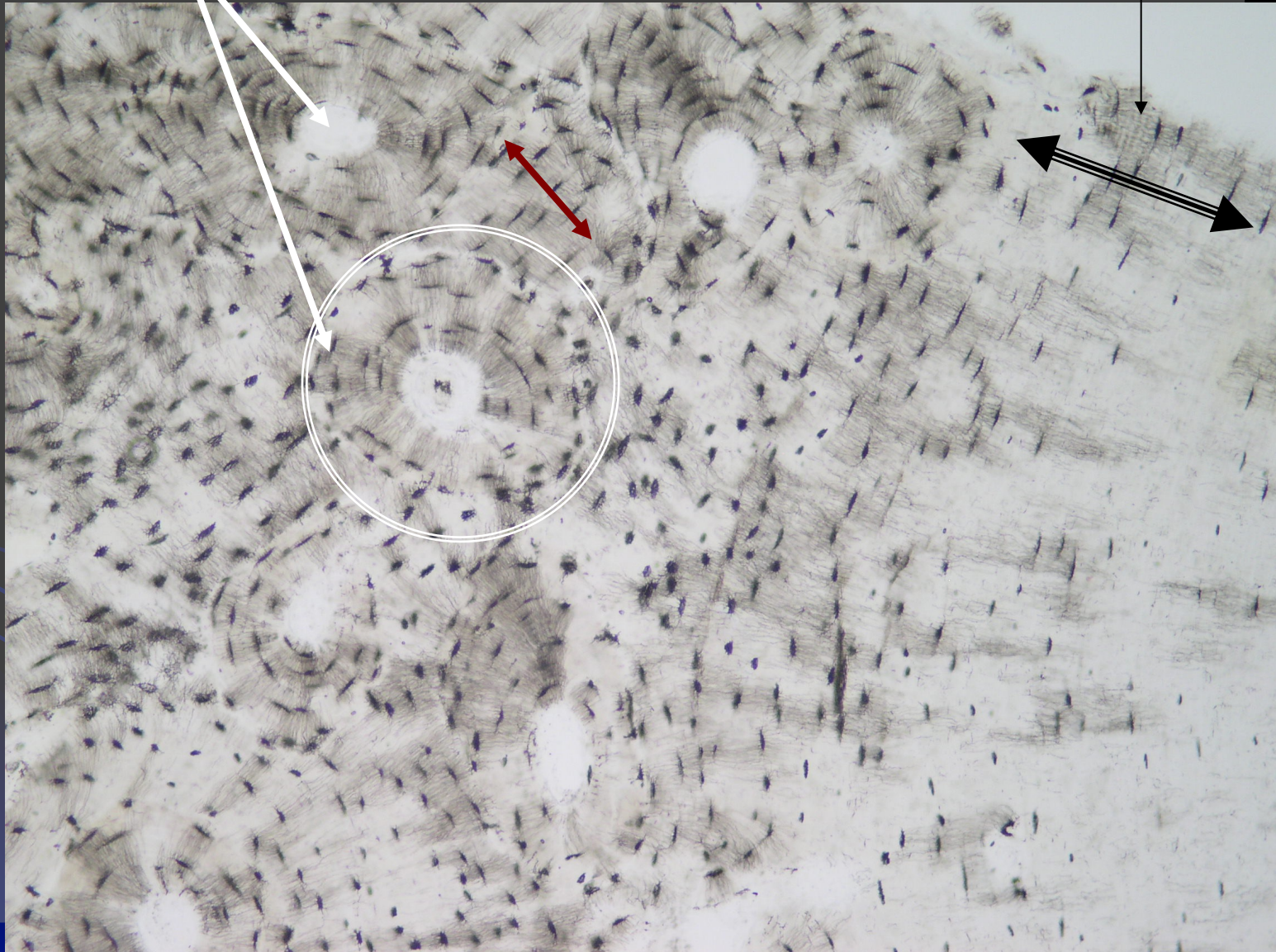
Histology Lab.



Compact Bone-ground

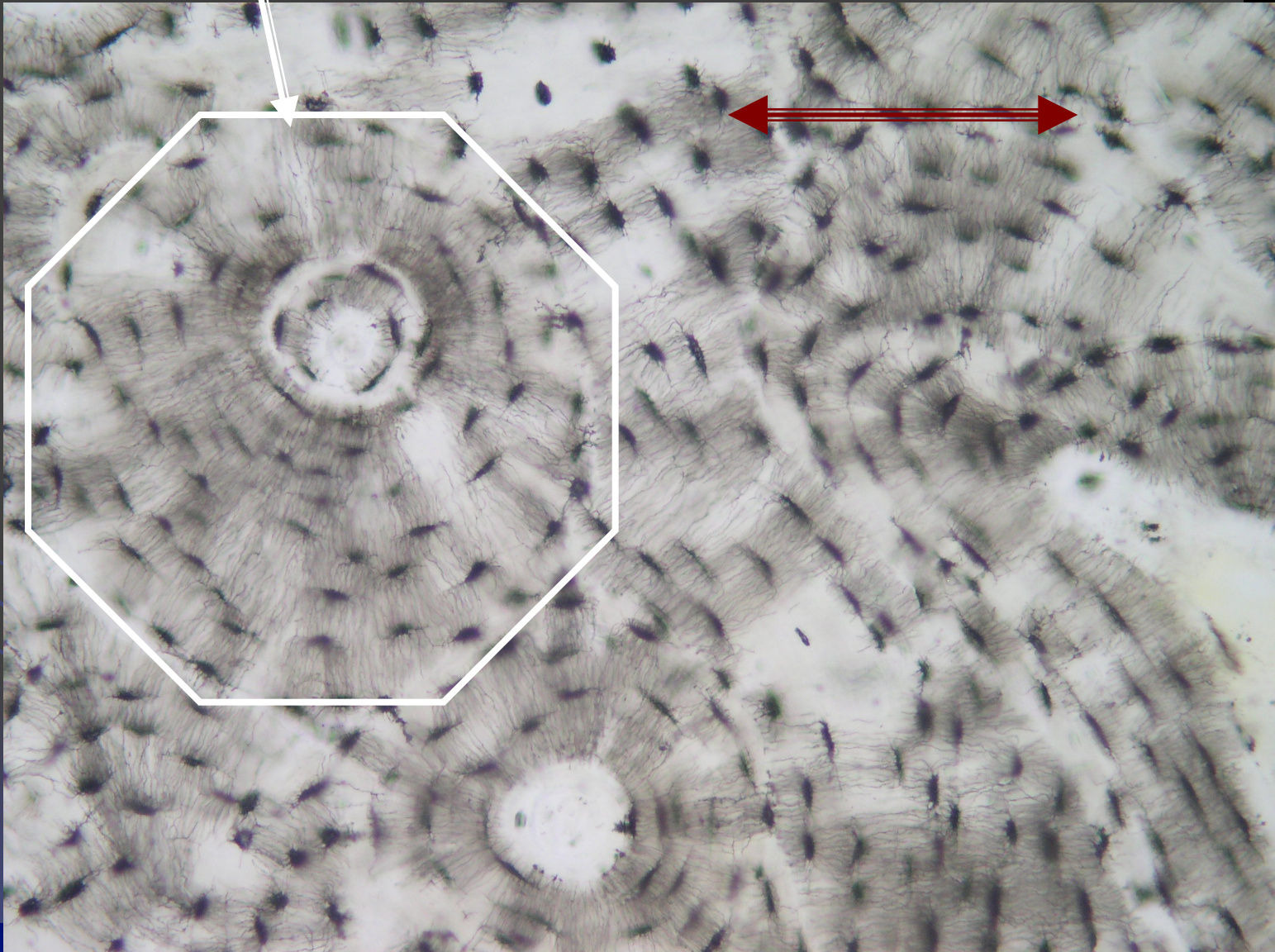


Osteons outercircumferential lamellae

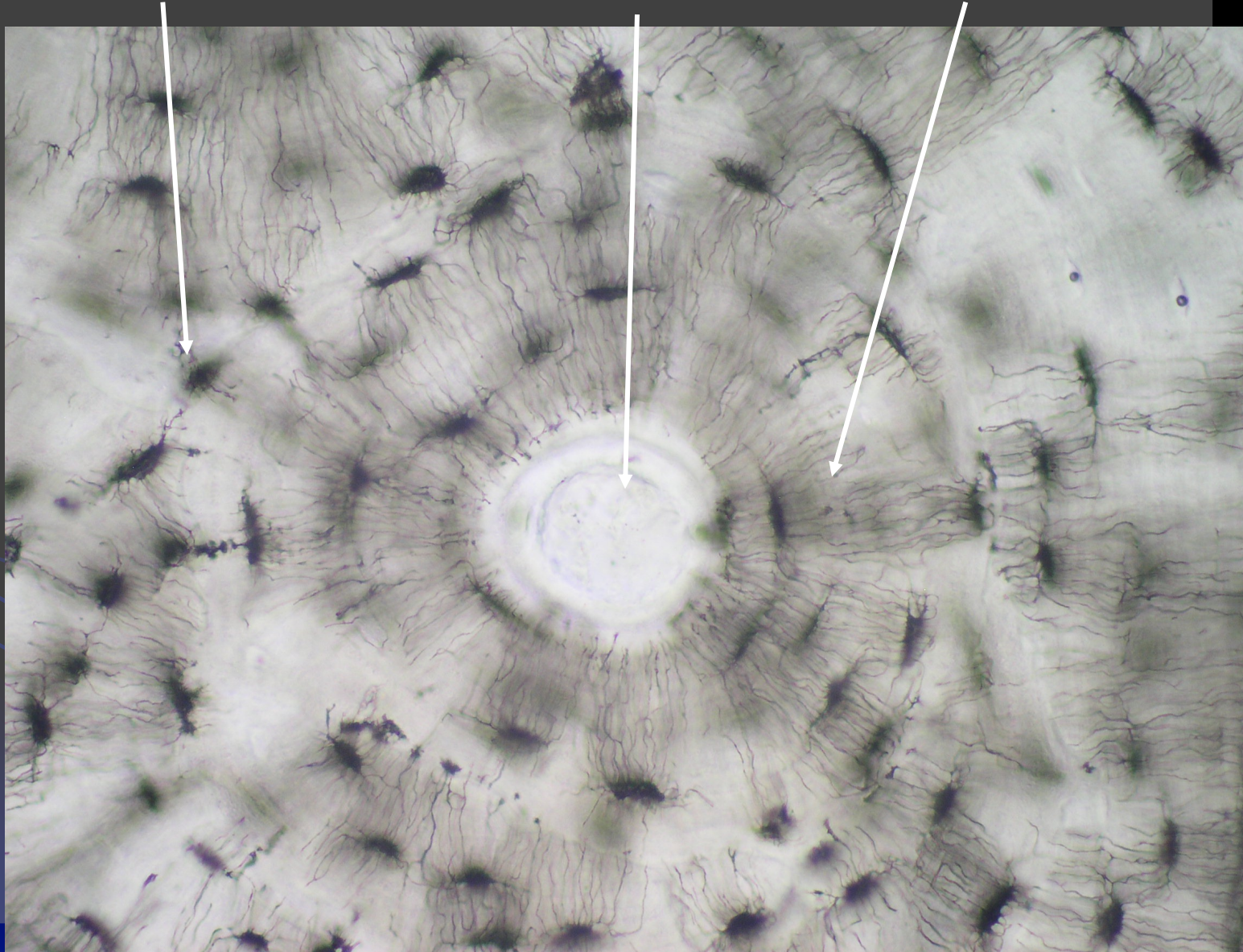


Osteon

interstitial lamellae



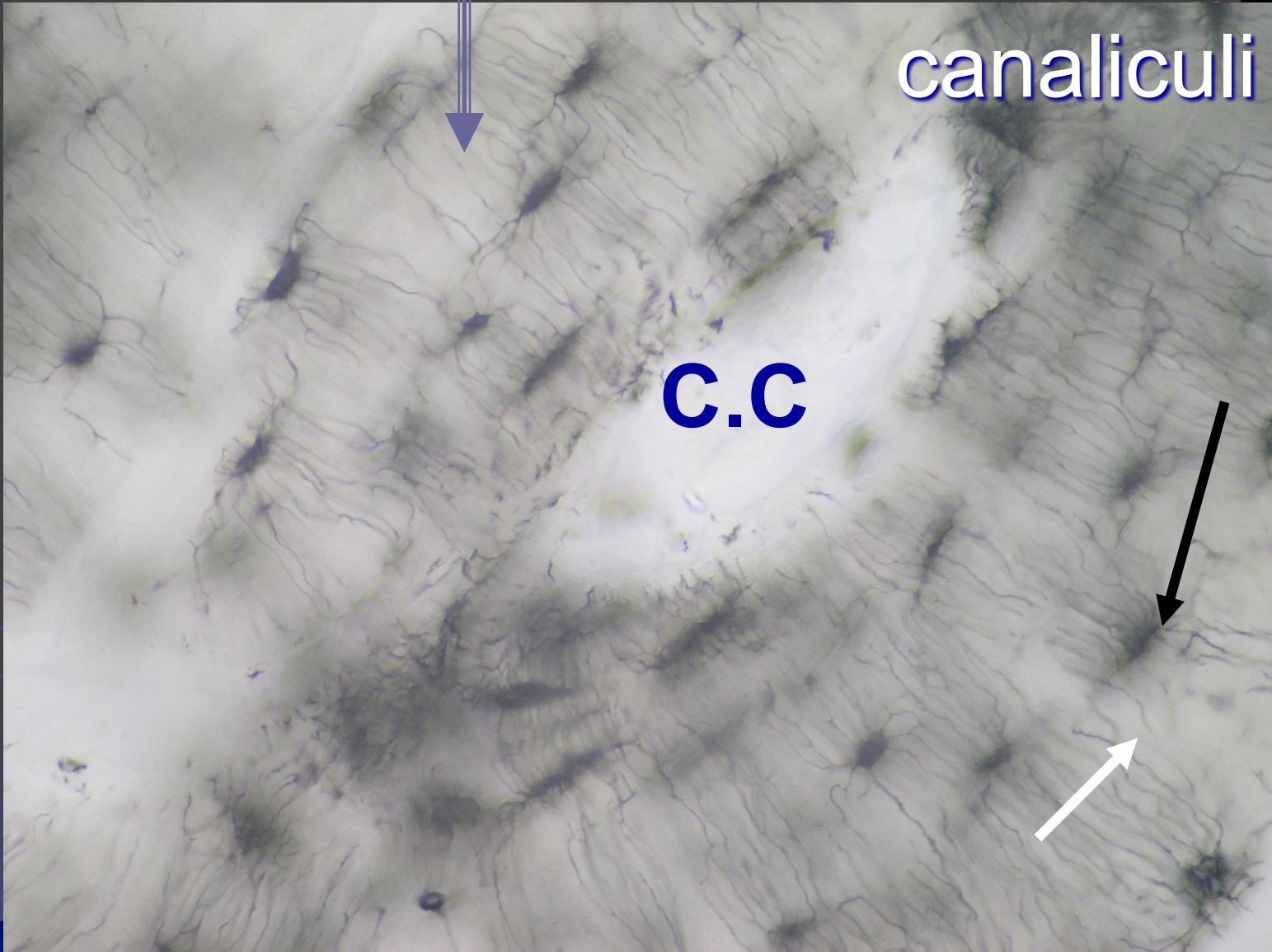
Lacuna Haversian canal canaliculi



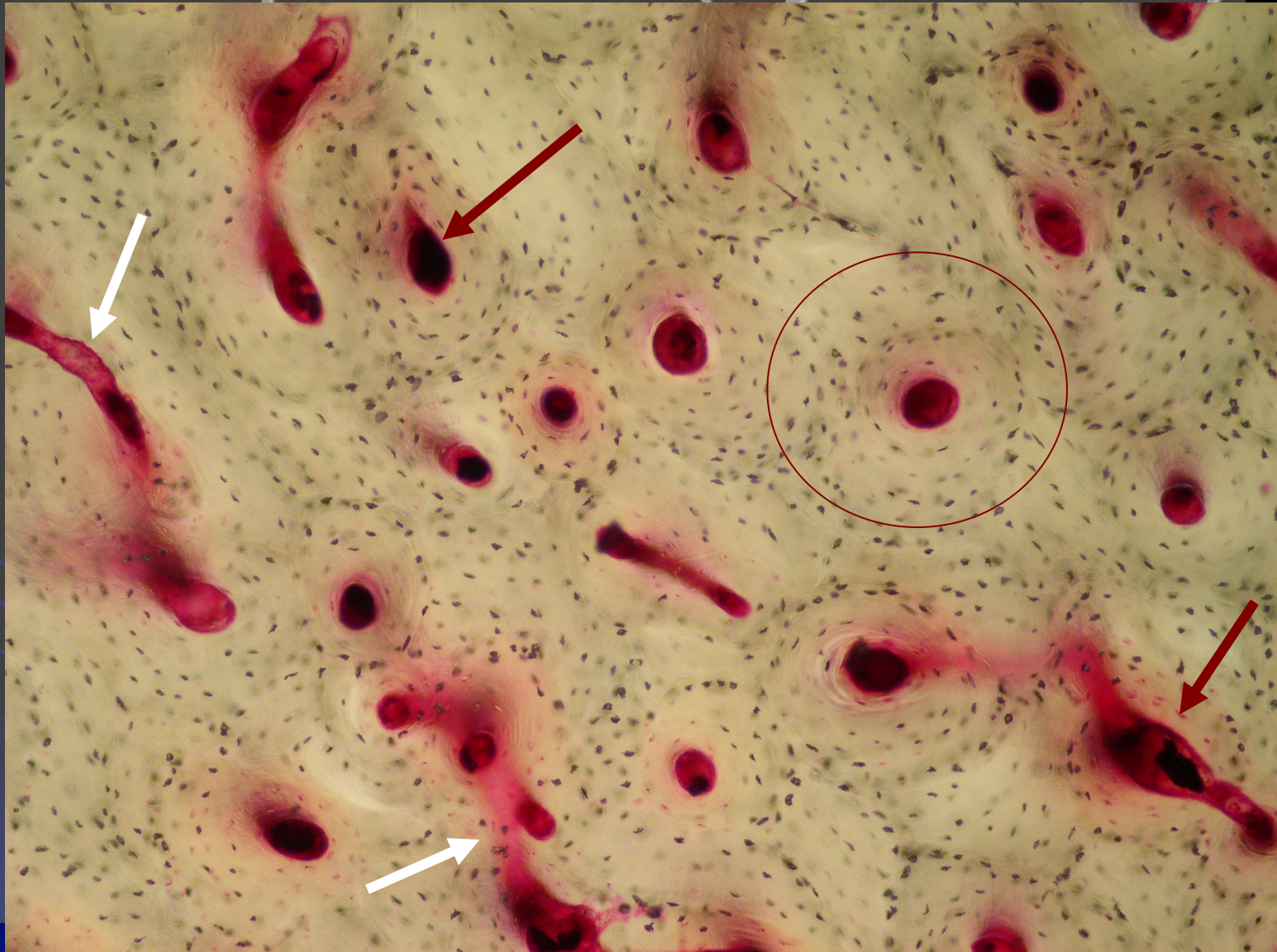
lamellae

canaliculi

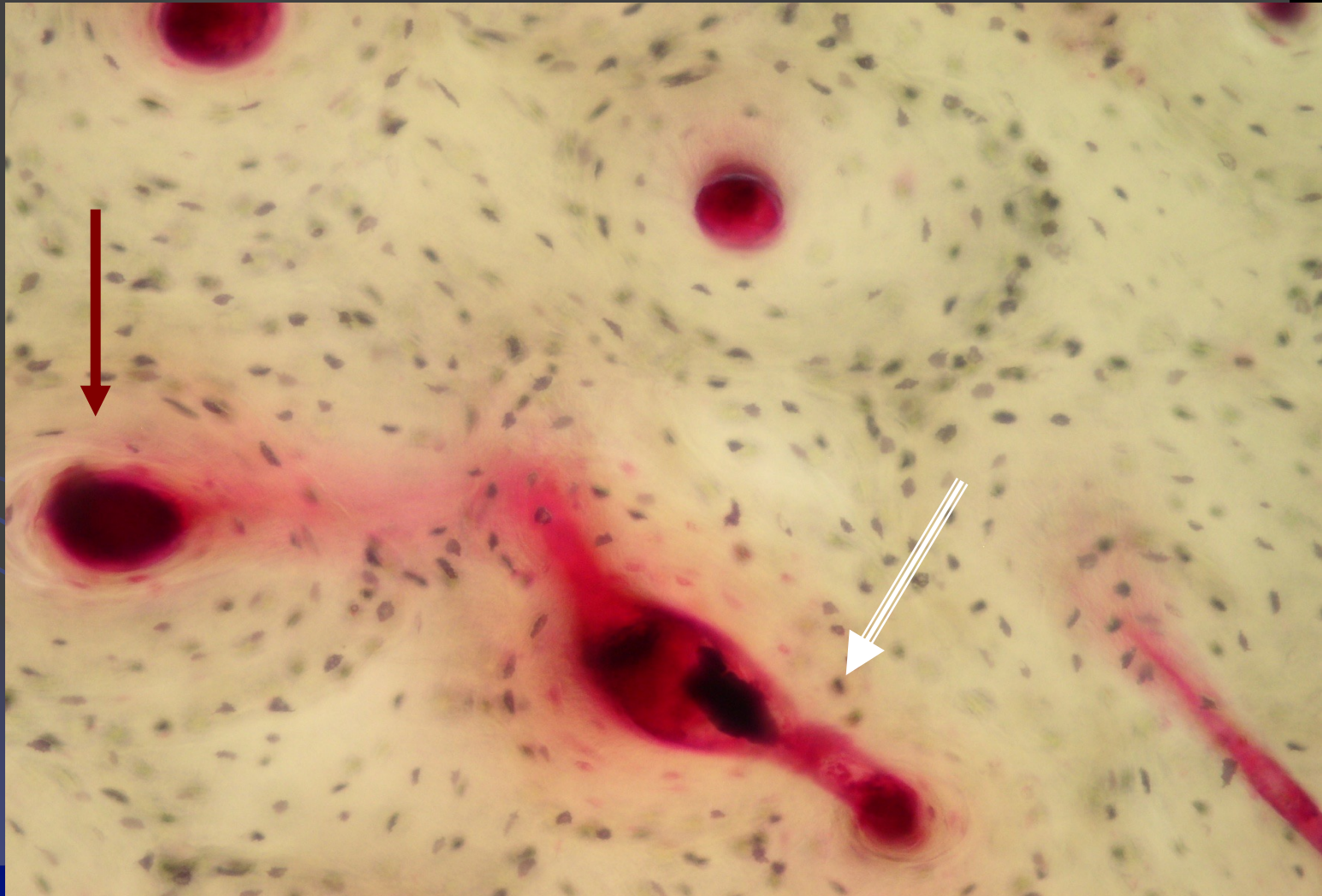
C.C



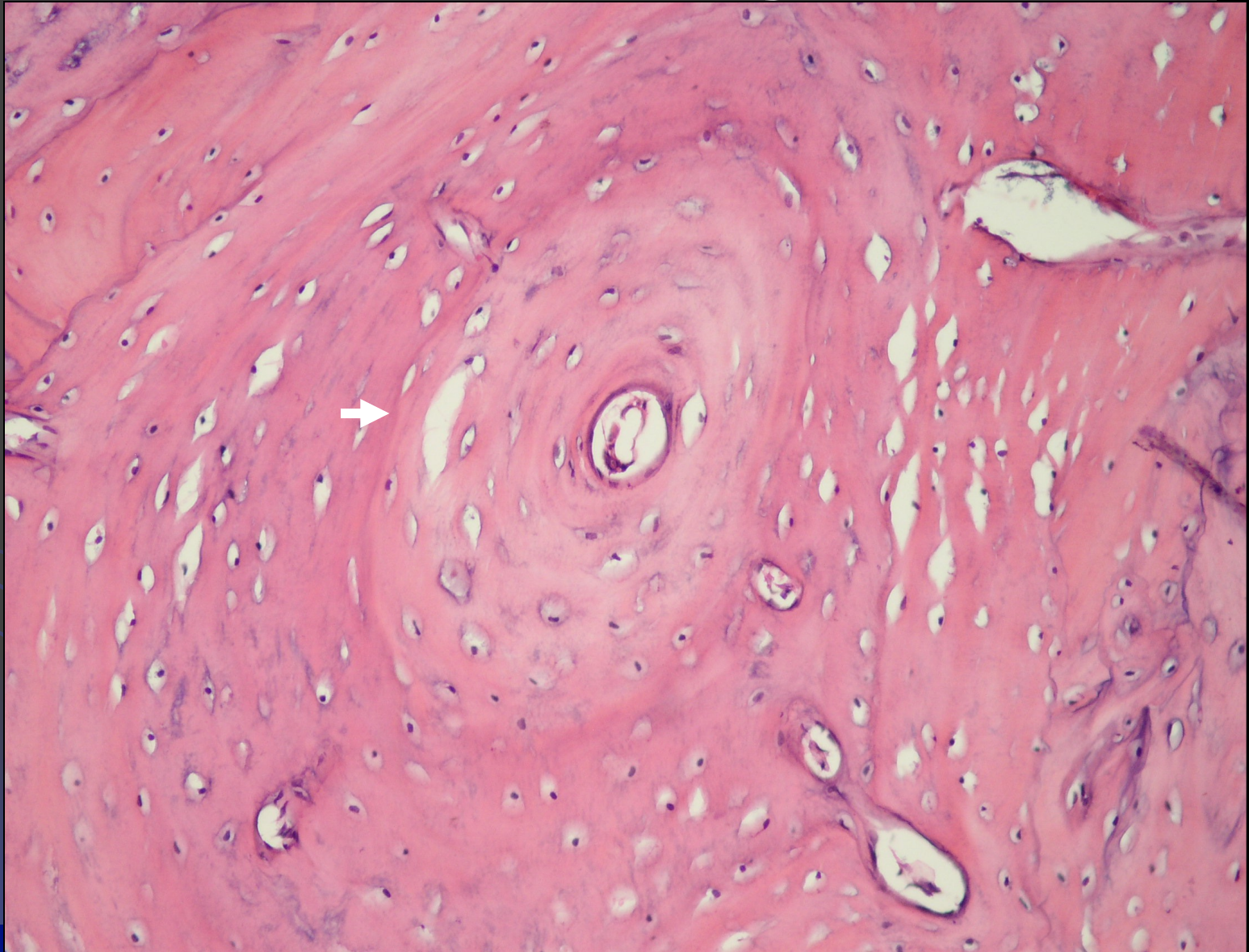
Compact bone(injected ink)



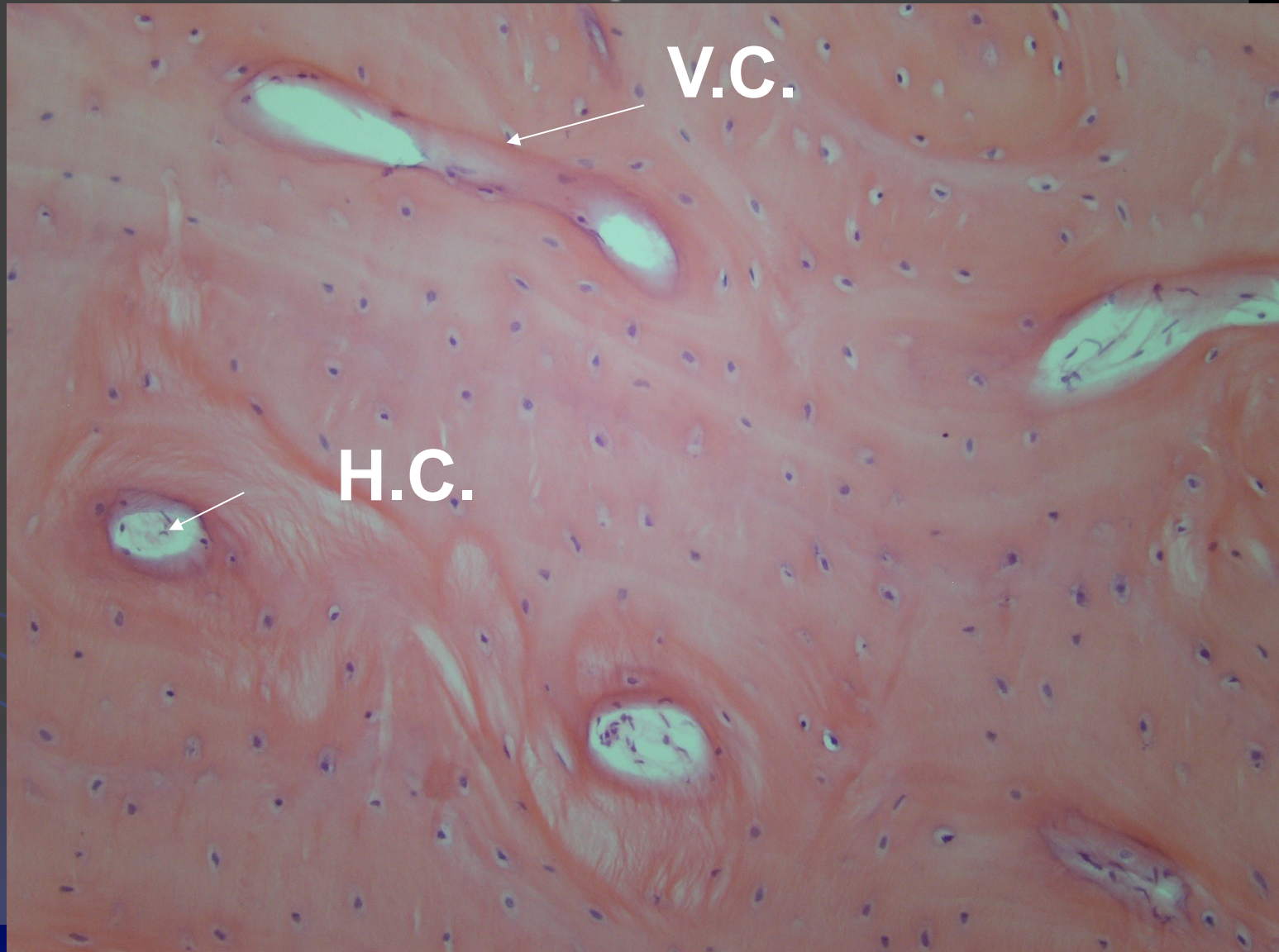
Haversian & Volkmann's canal central and perforating



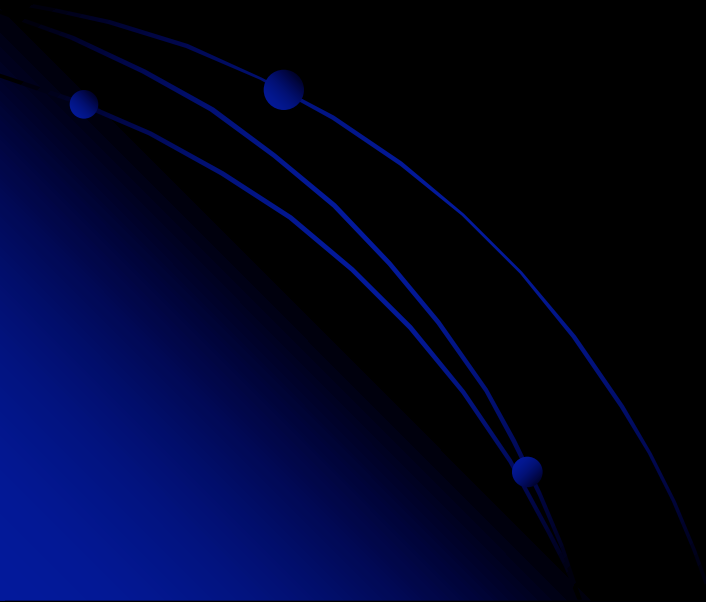
Decalcified compact bone



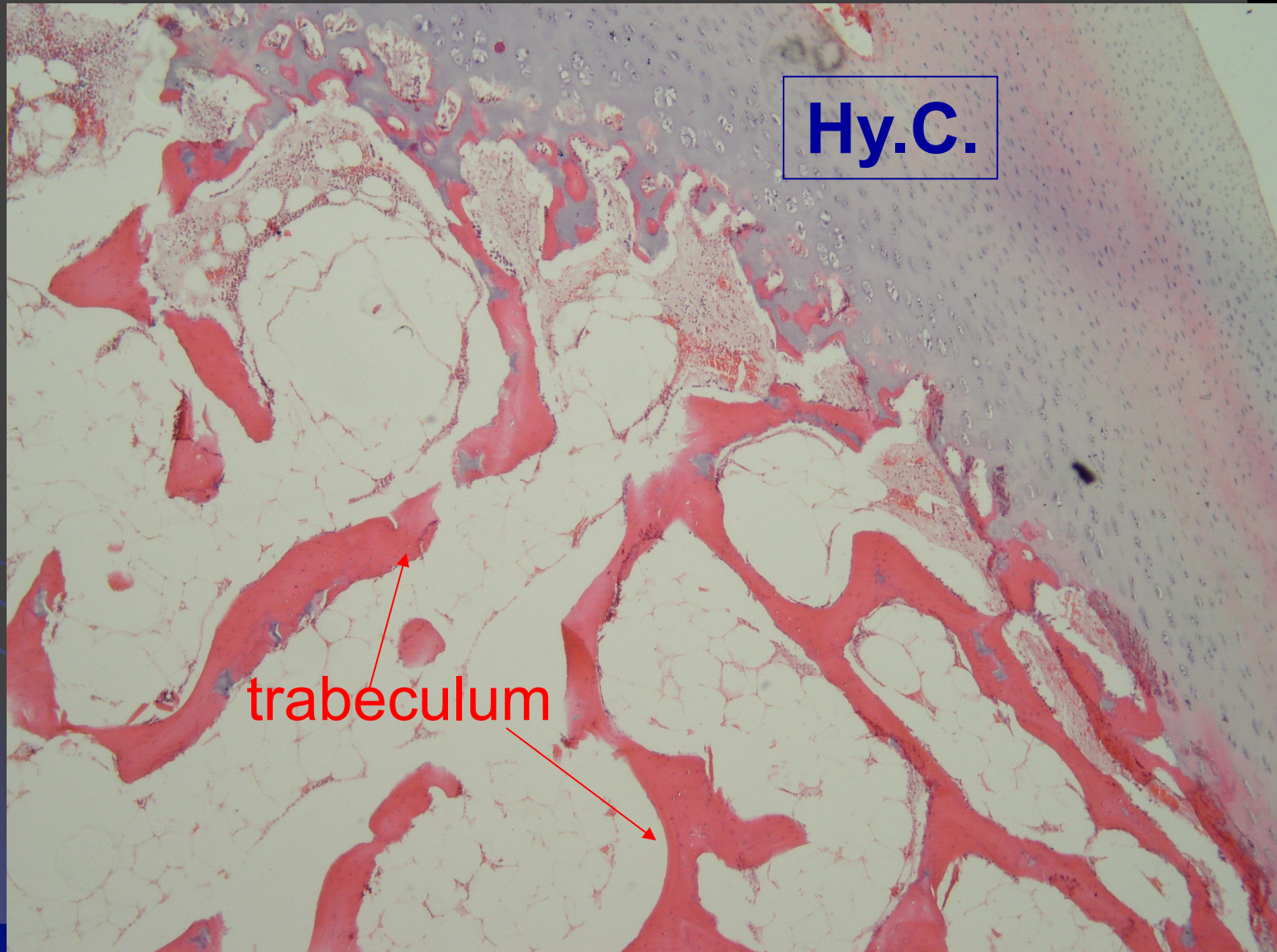
compact bone



Spongy bone=cancellous bone



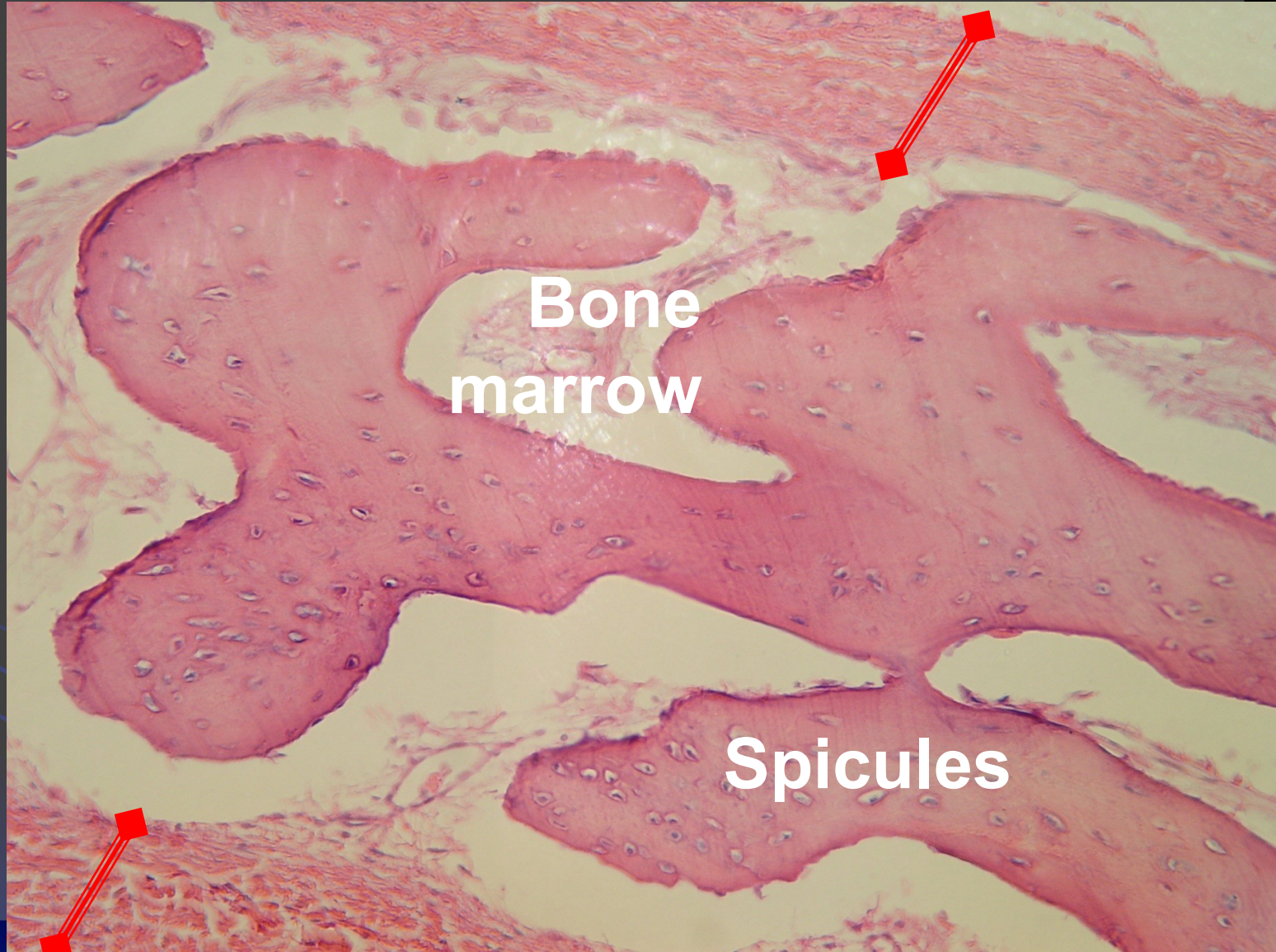
Spongy Bone (articular surface)



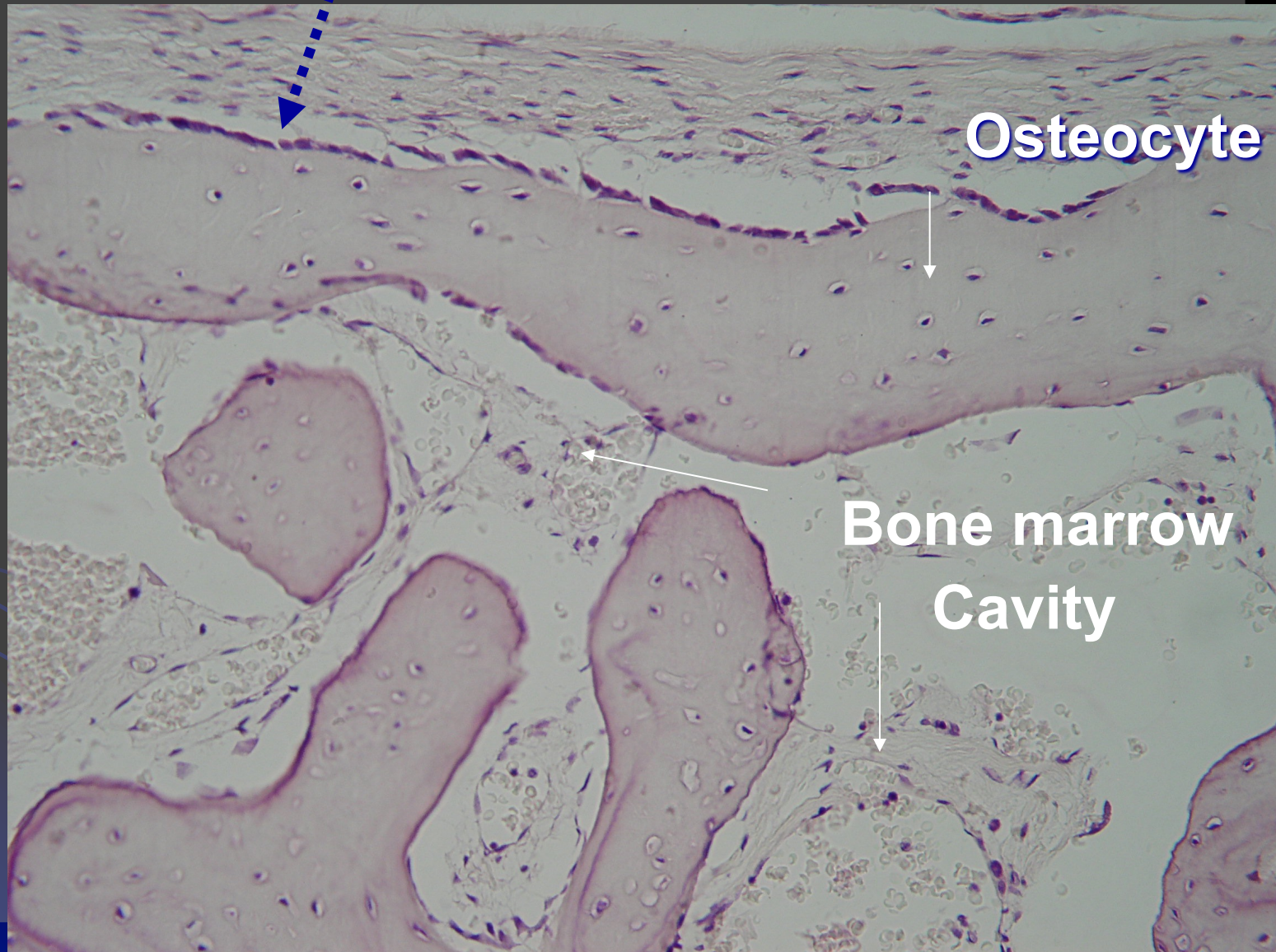
vertebrae



Mesenchyme C.T



Osteoblast cell



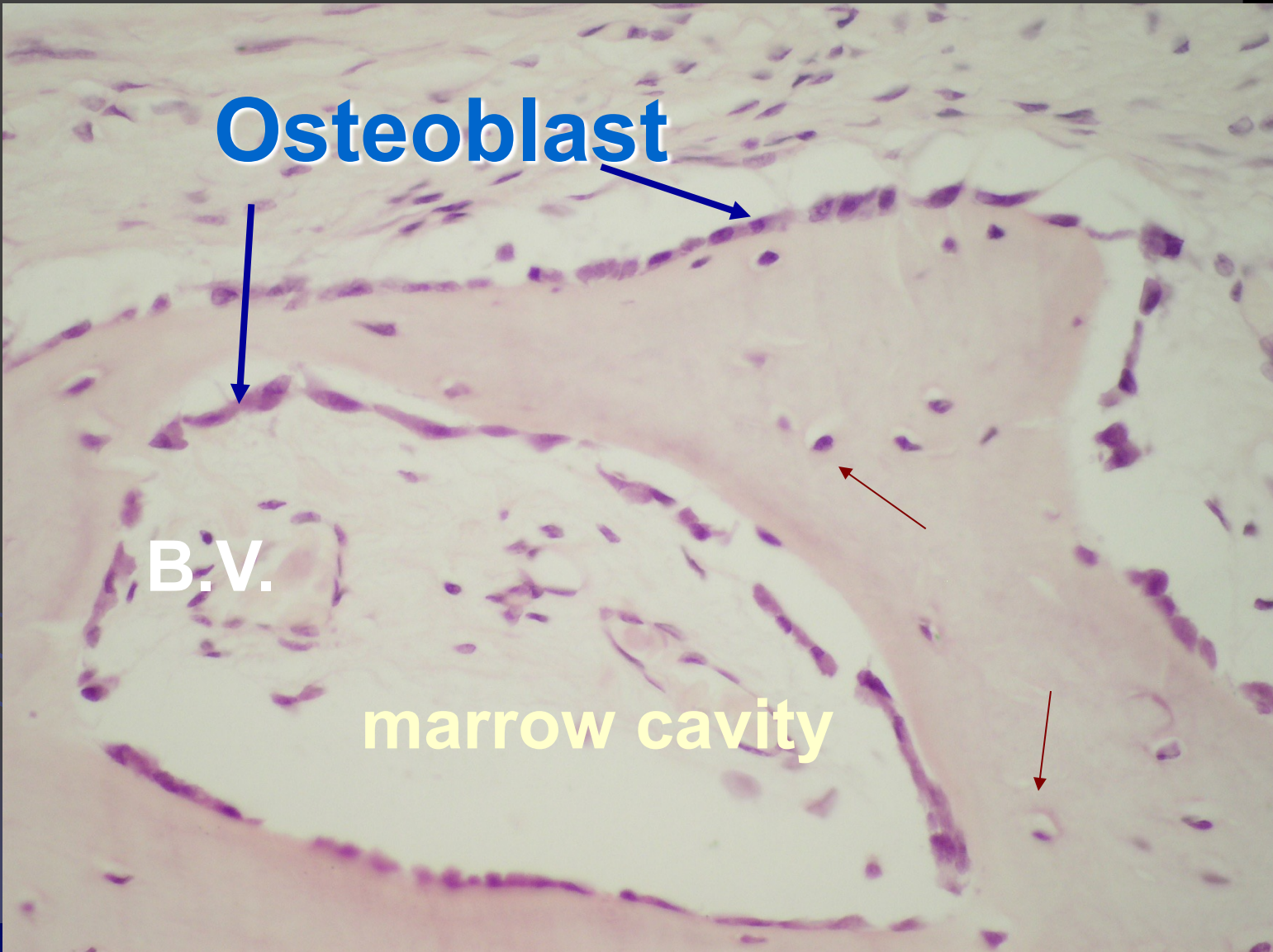
Osteocyte

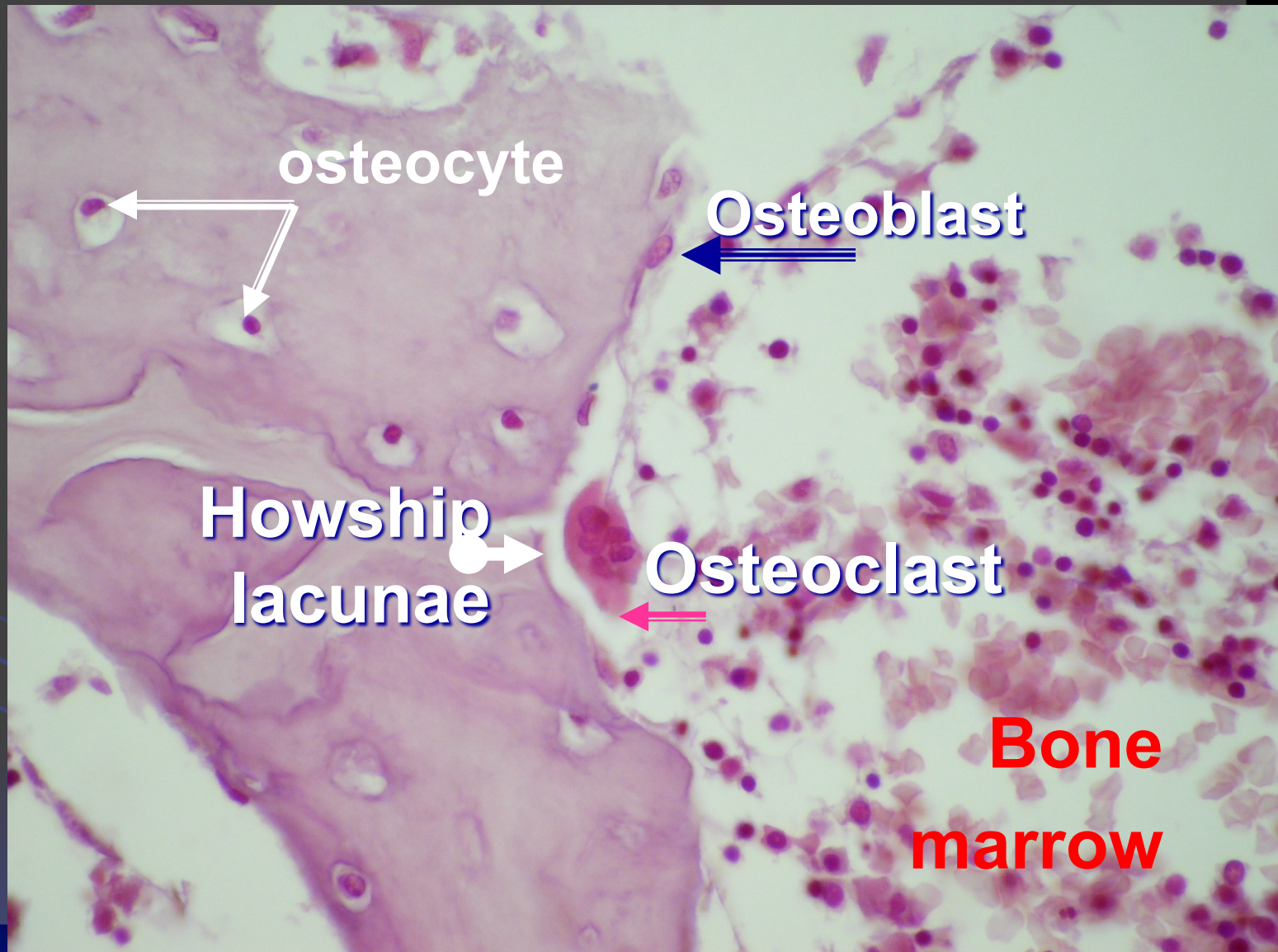
Bone marrow
Cavity

Osteoblast

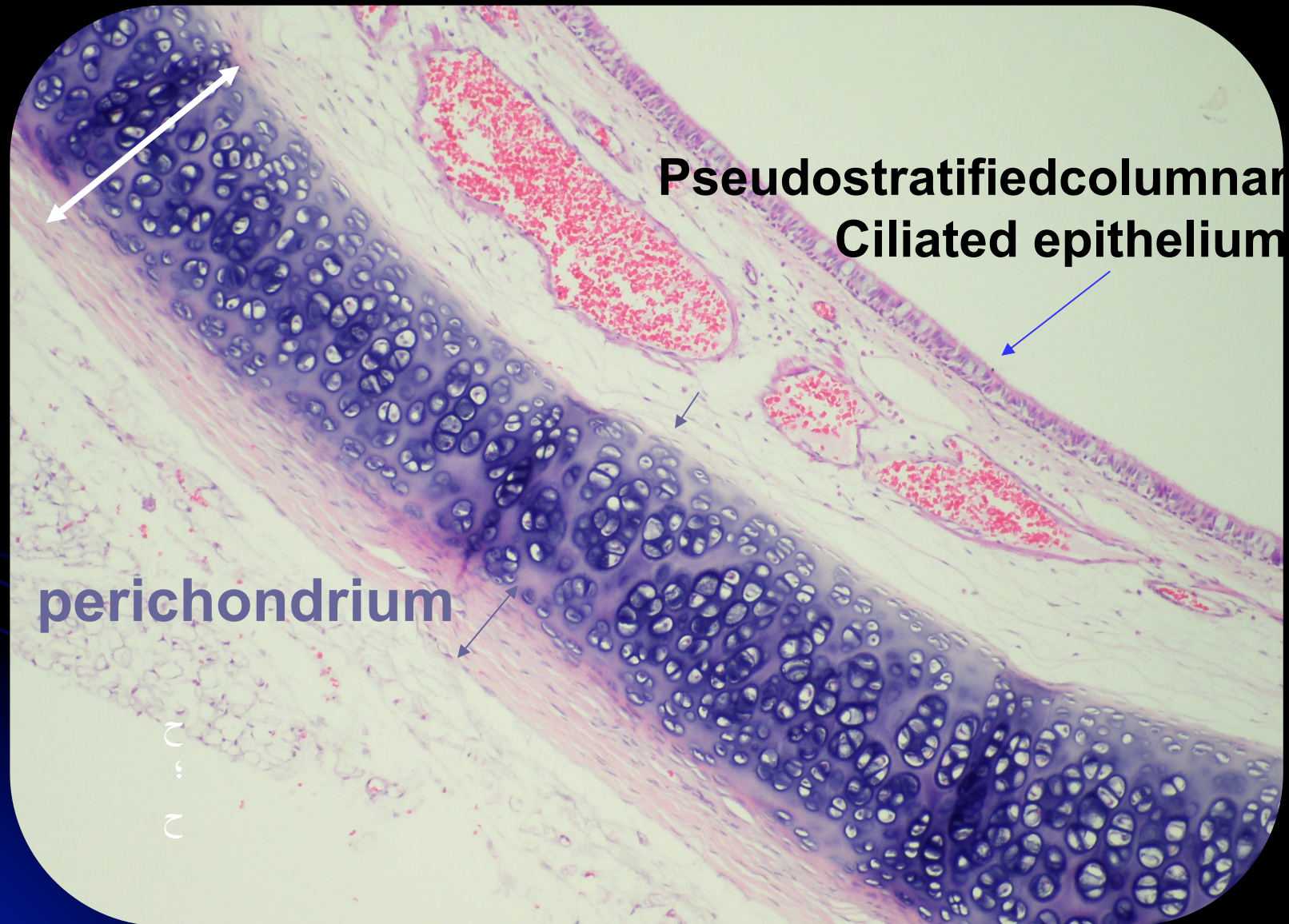
B.V.

marrow cavity

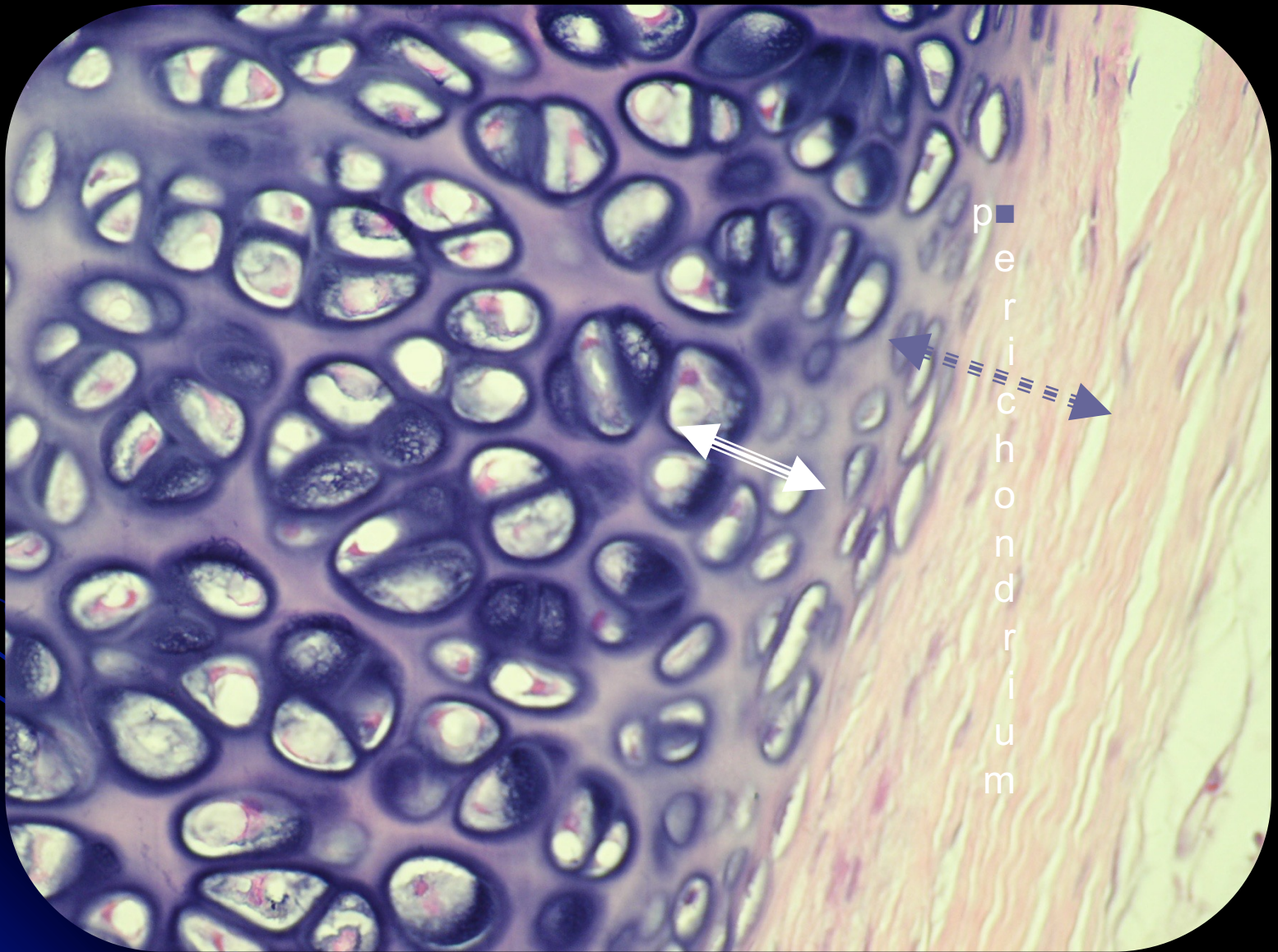




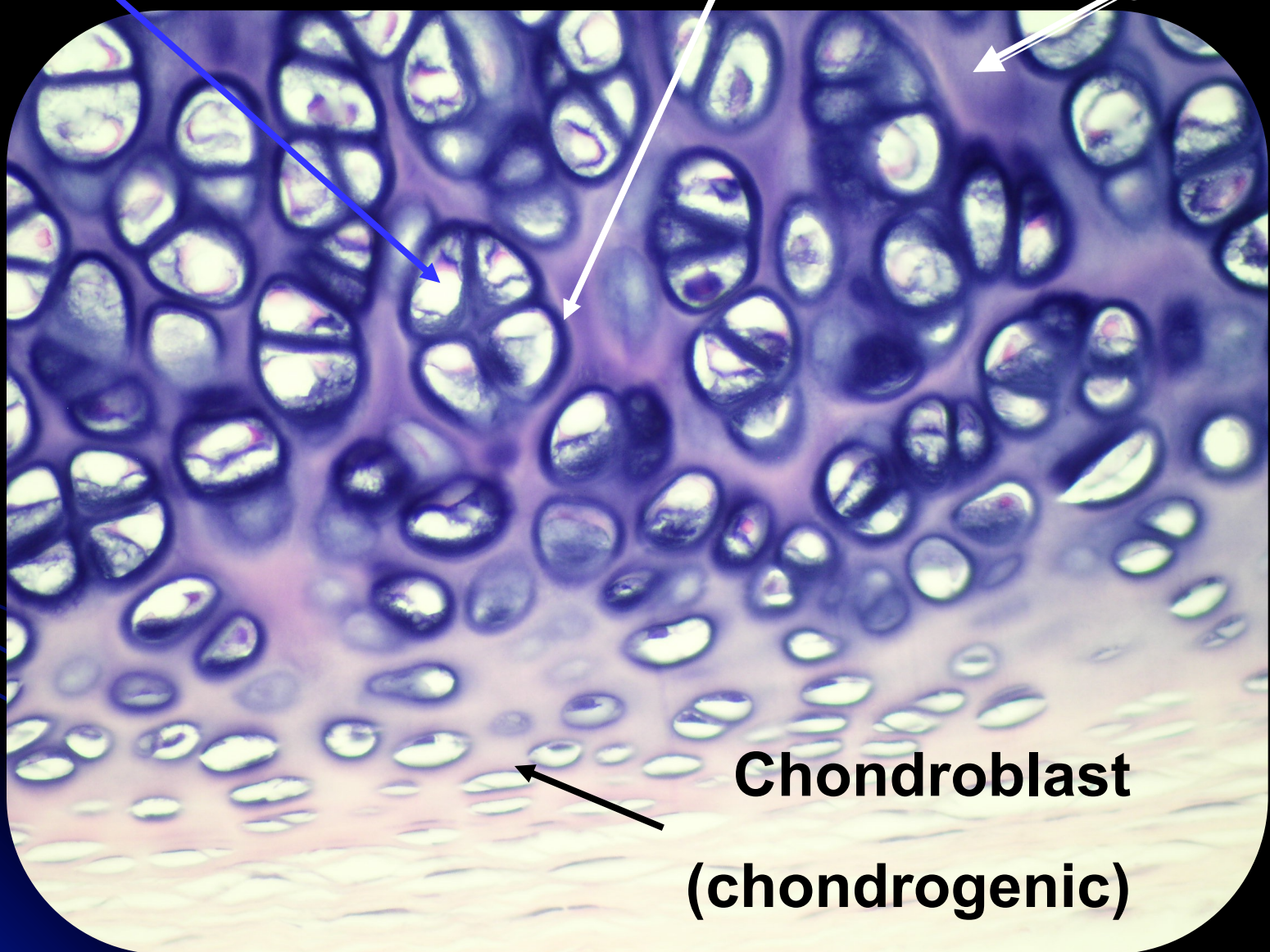
Hyaline Cartilage(e.g :Trachea)



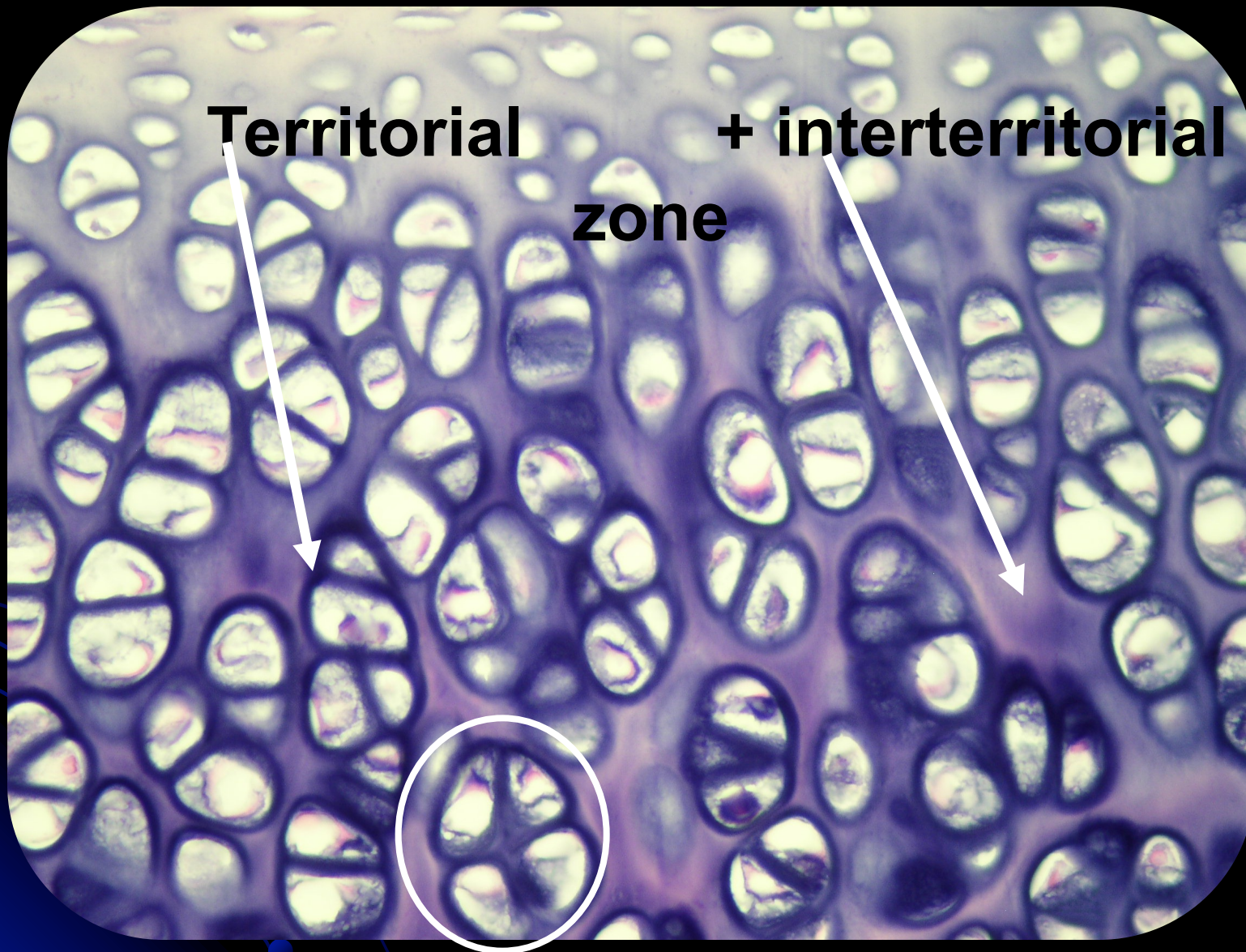
Perichondrium: fibrous + Cellular



Chondrocyte in lacunae: Territorial+ interterritorial



**Chondroblast
(chondrogenic)**



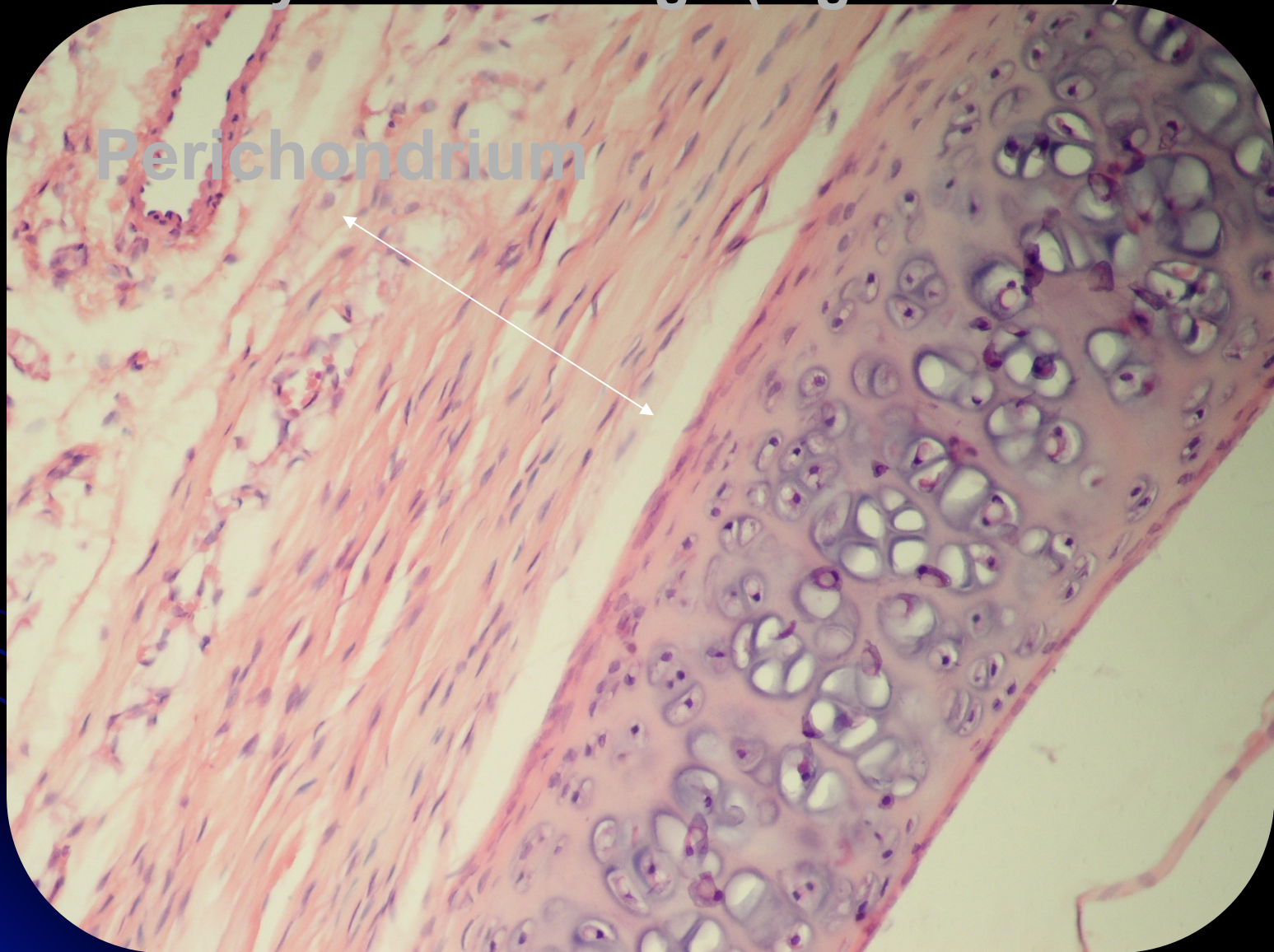
Territorial

+ interterritorial

zone

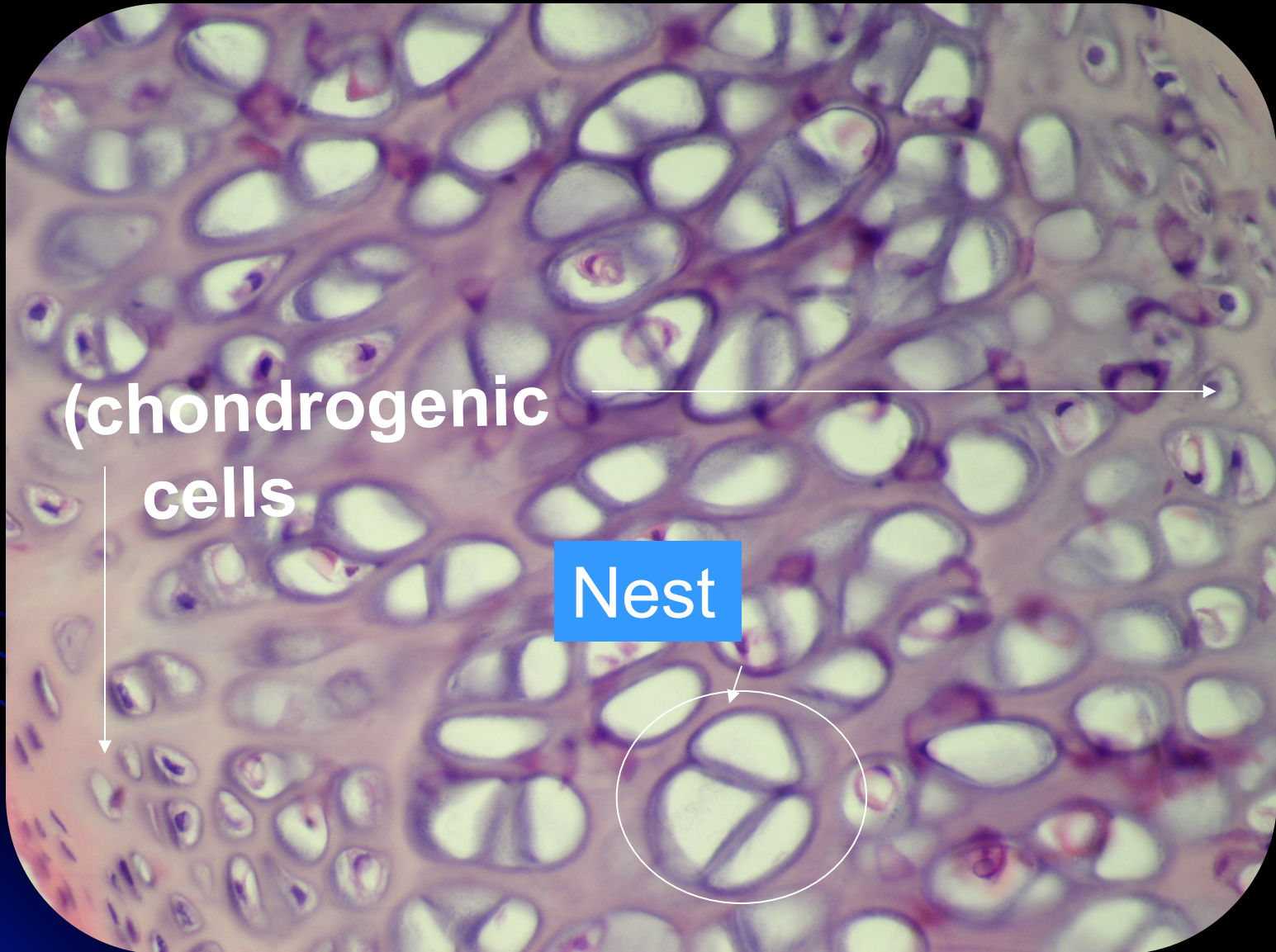
Nest

Hyaline Cartilage (e.g :Trachea)

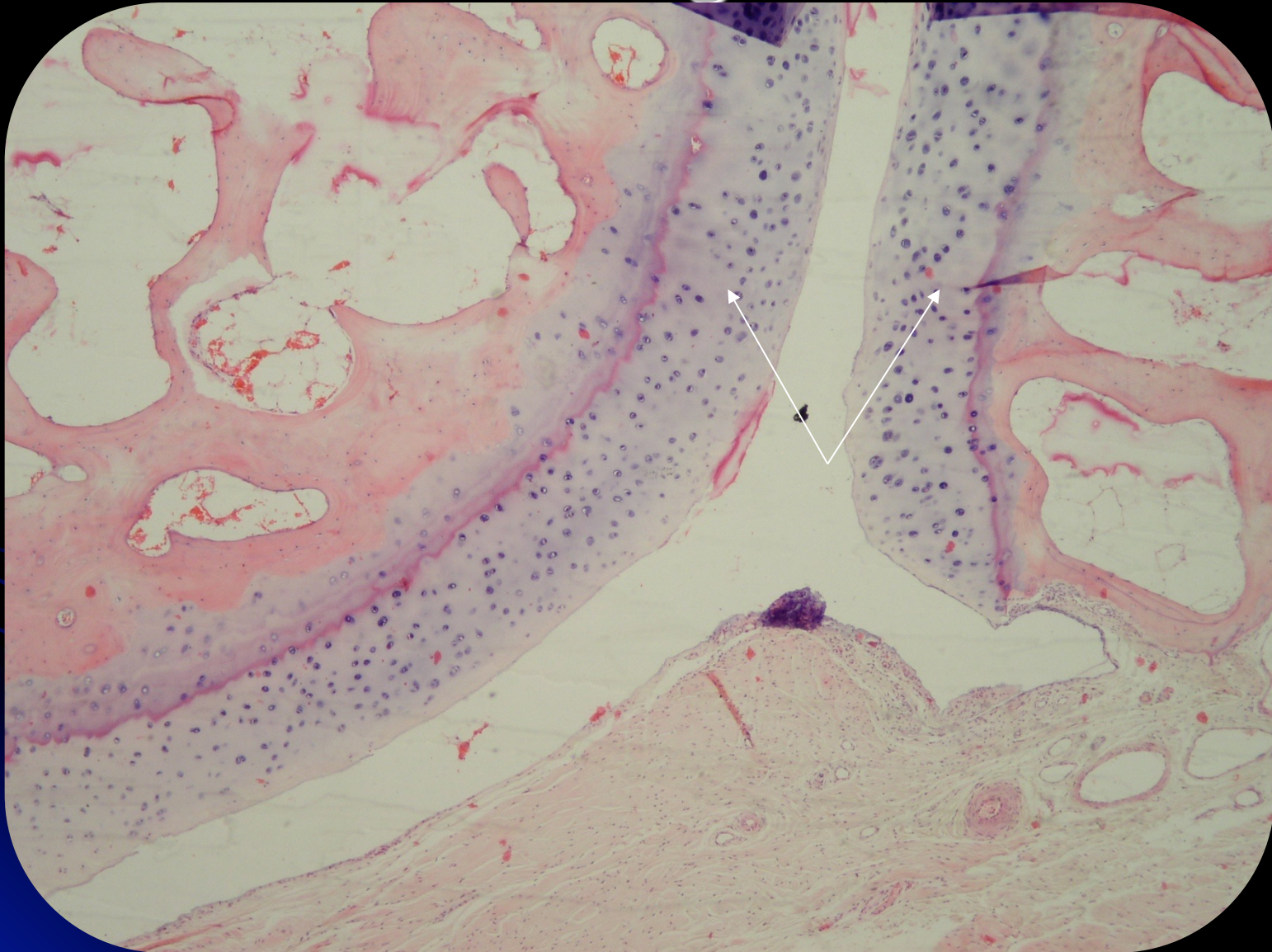


(chondrogenic
cells

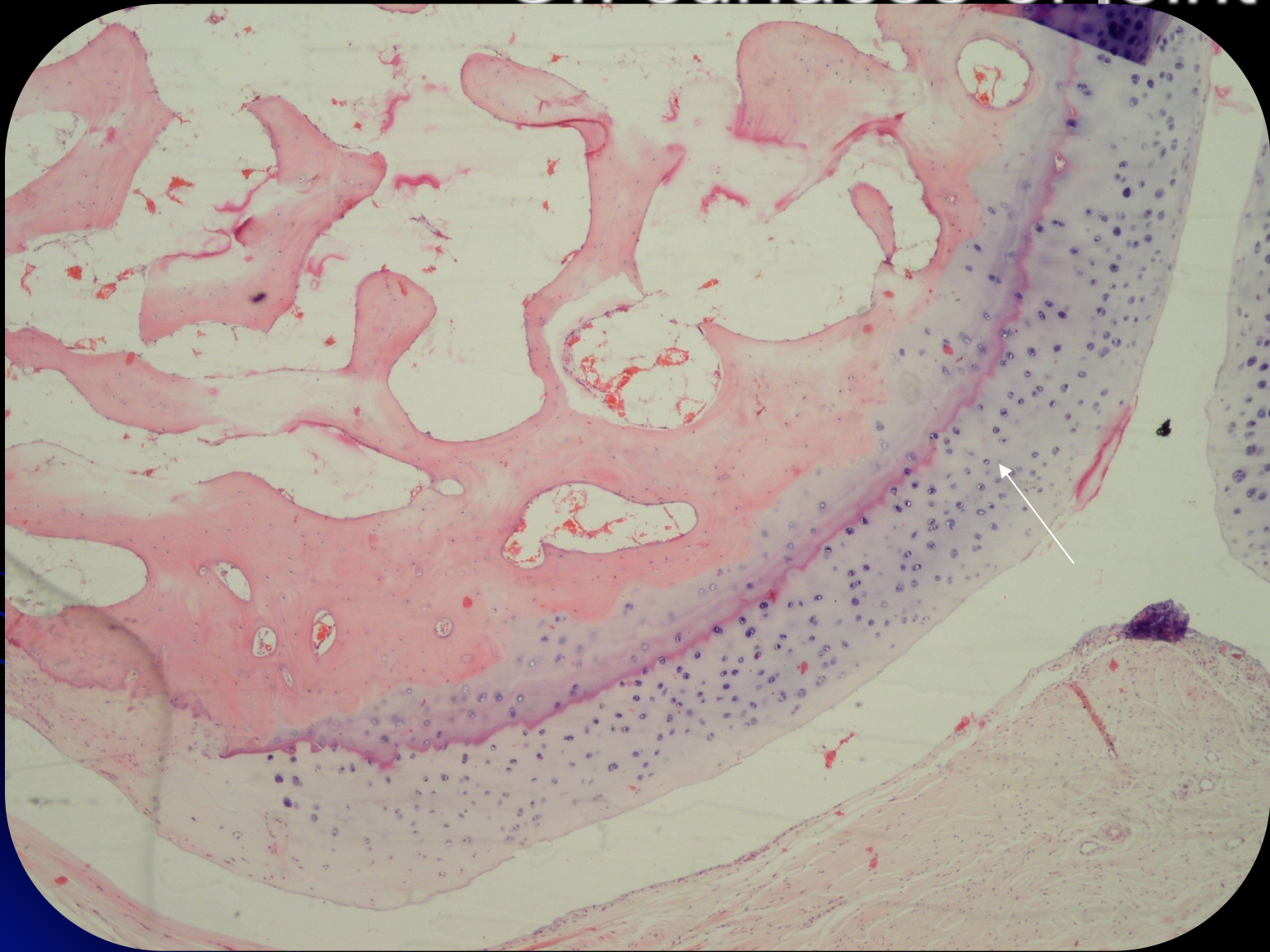
Nest



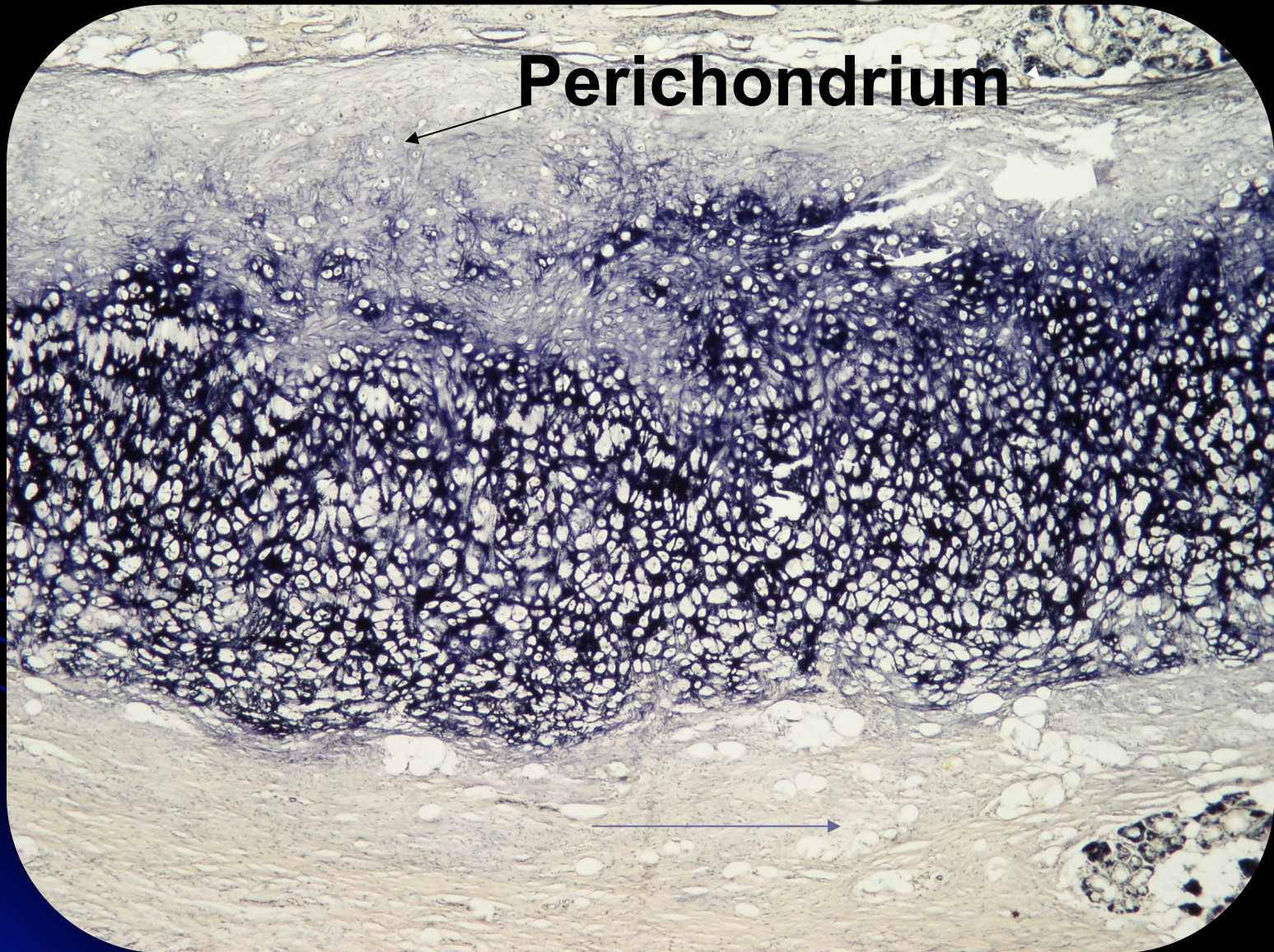
Articular cartilage On surfaces of joint



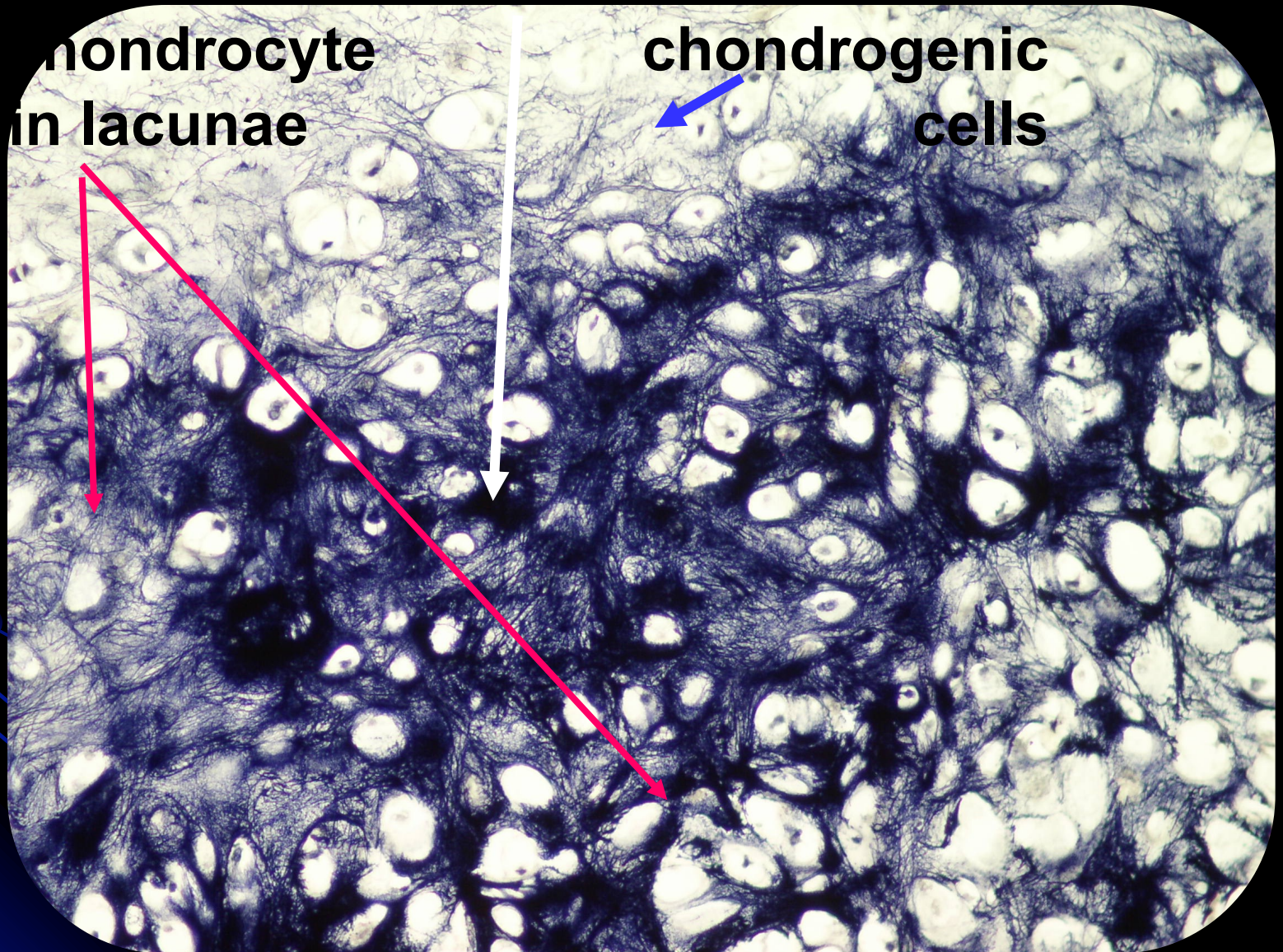
On surfaces of joint

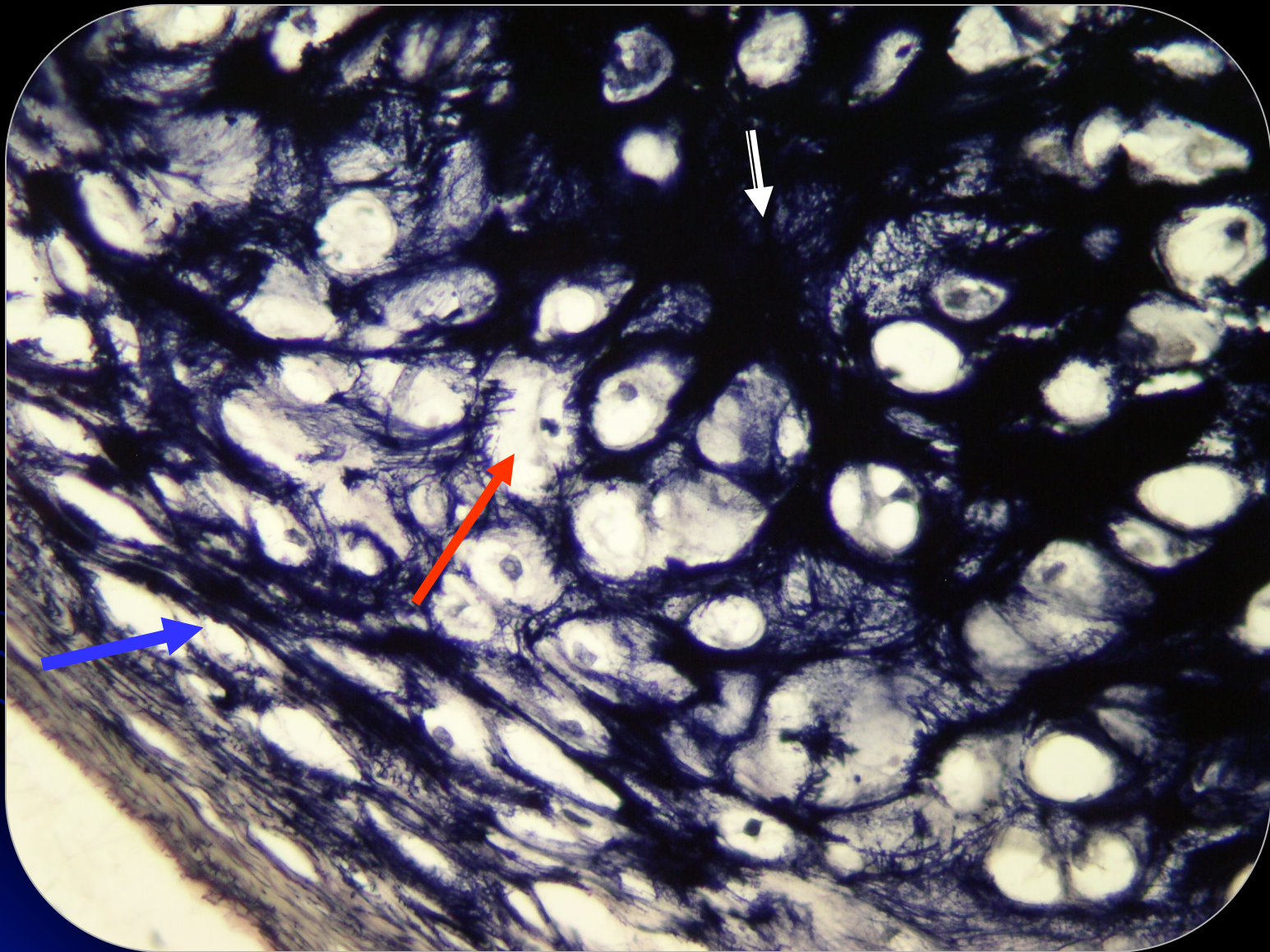


Elastic Cartilage:

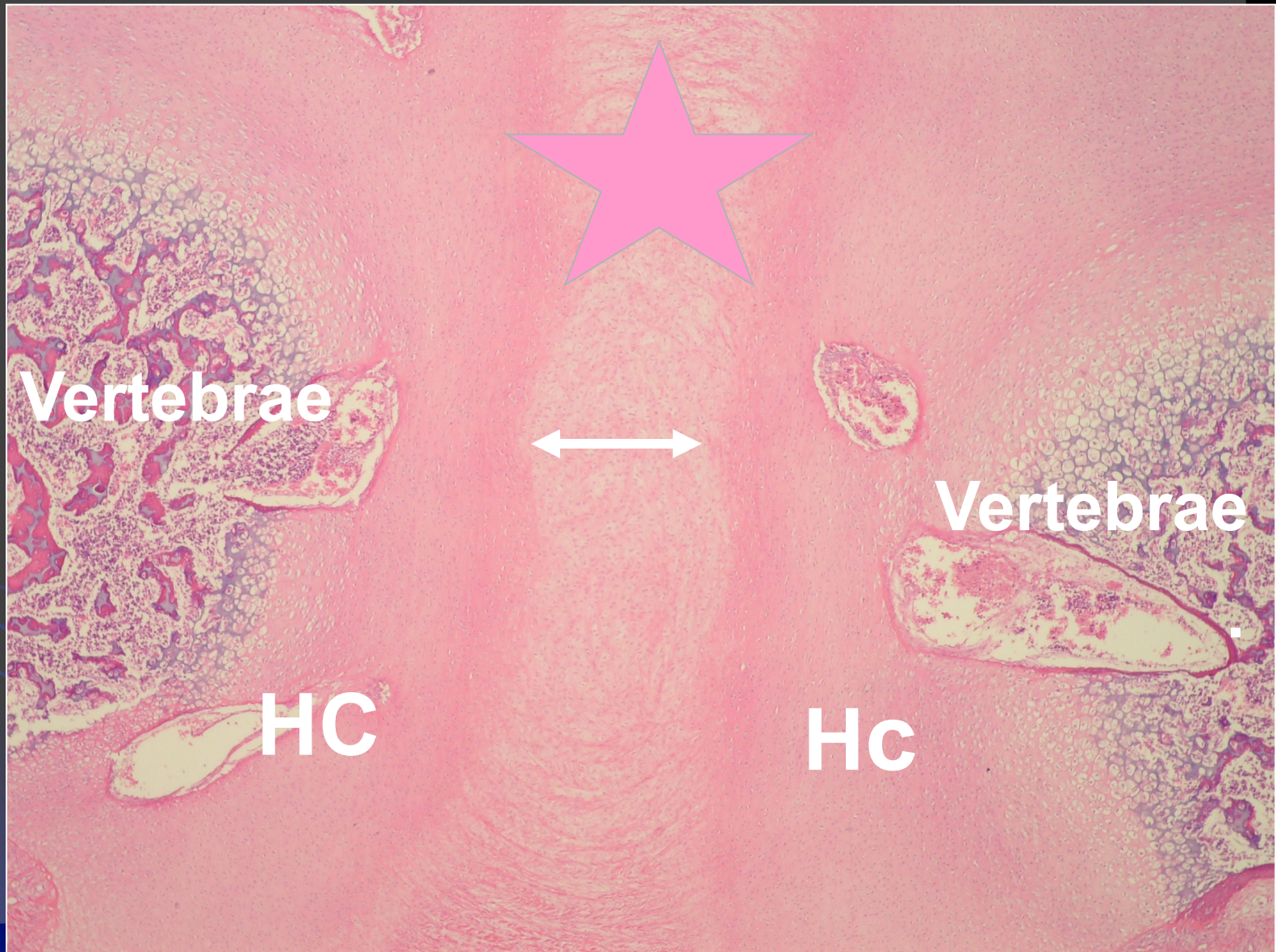


Elastic fibers



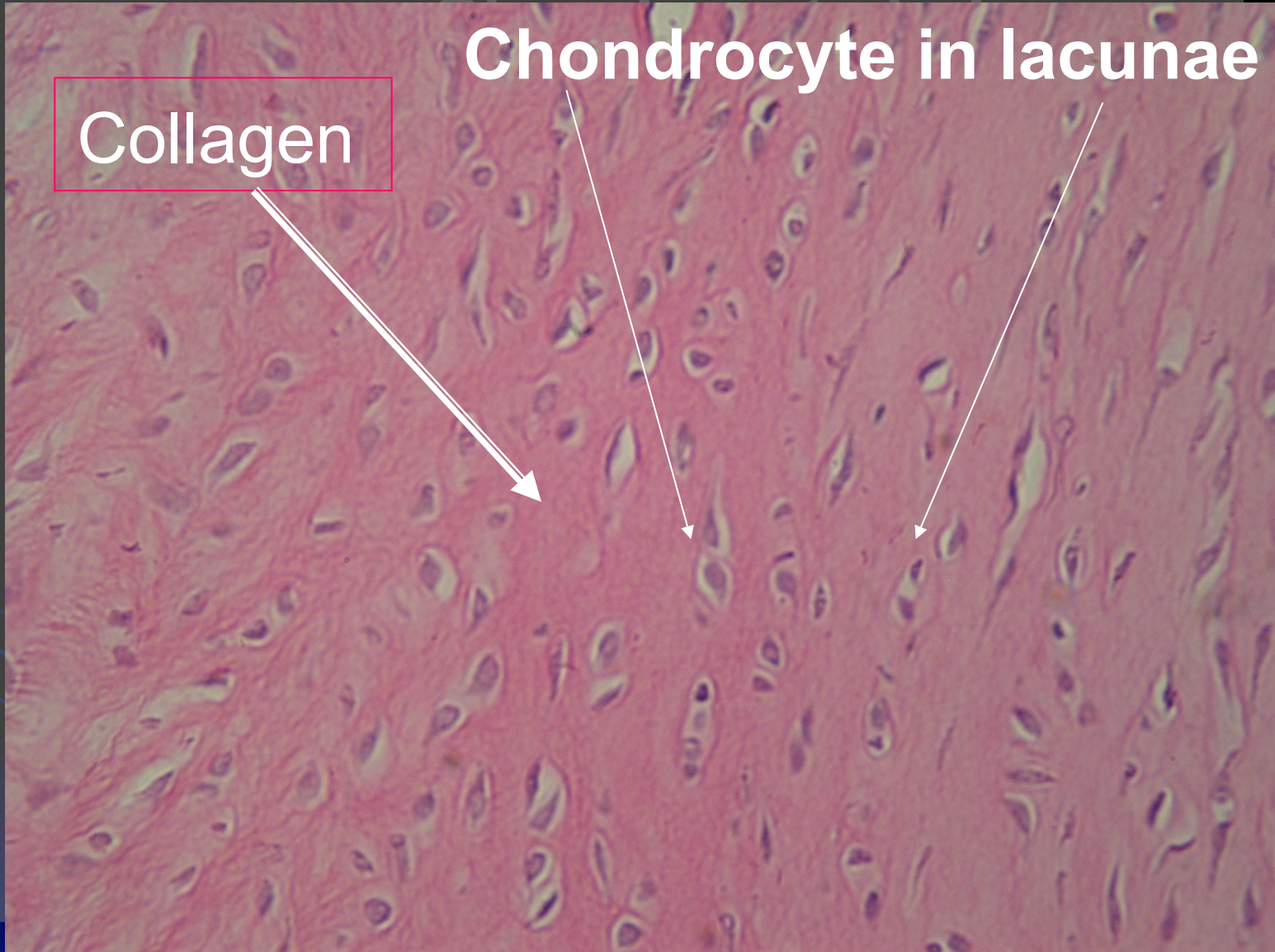


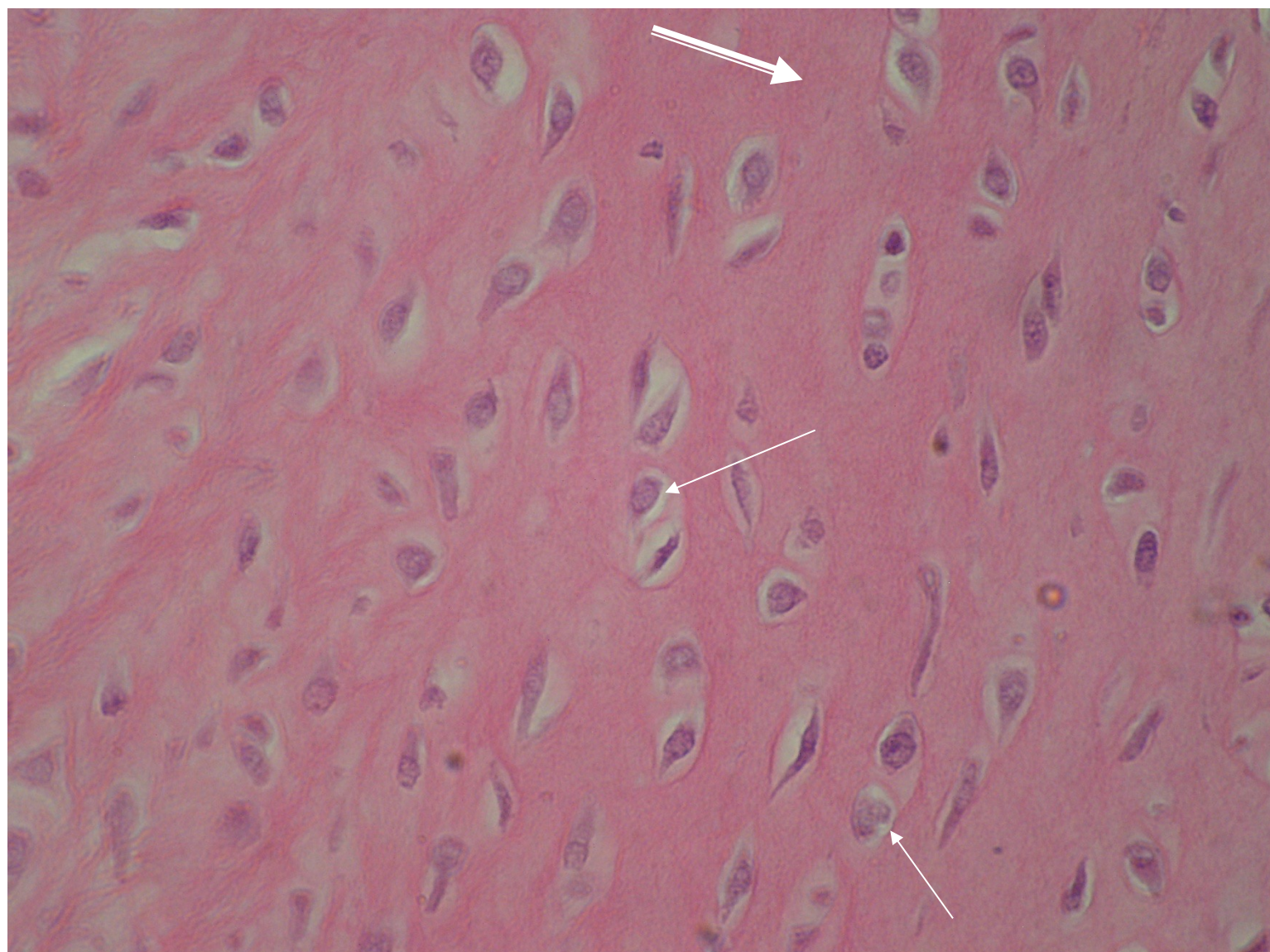
Fibrocartilage: intervertebral disc



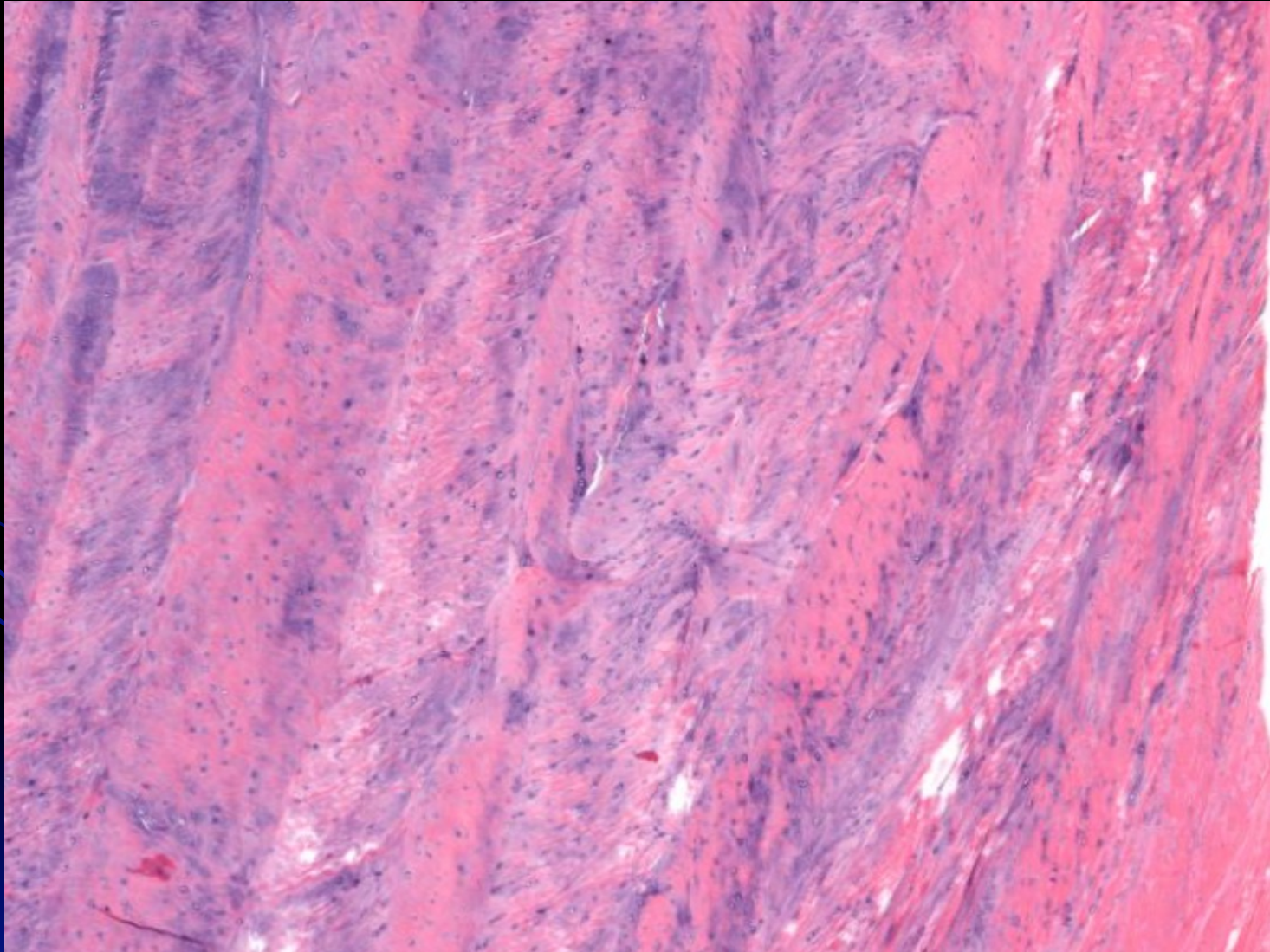
Collagen

Chondrocyte in lacunae

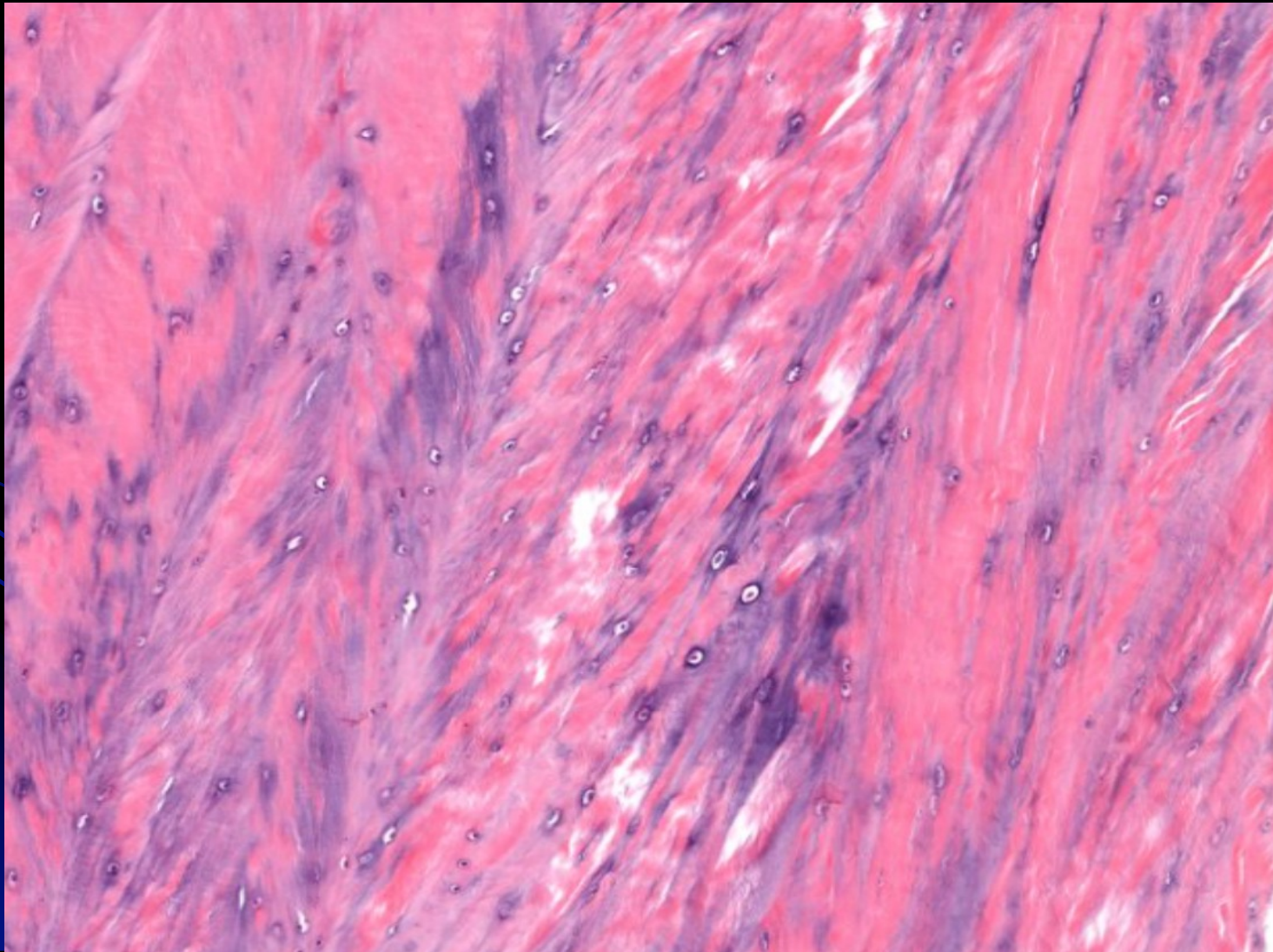




Identify?

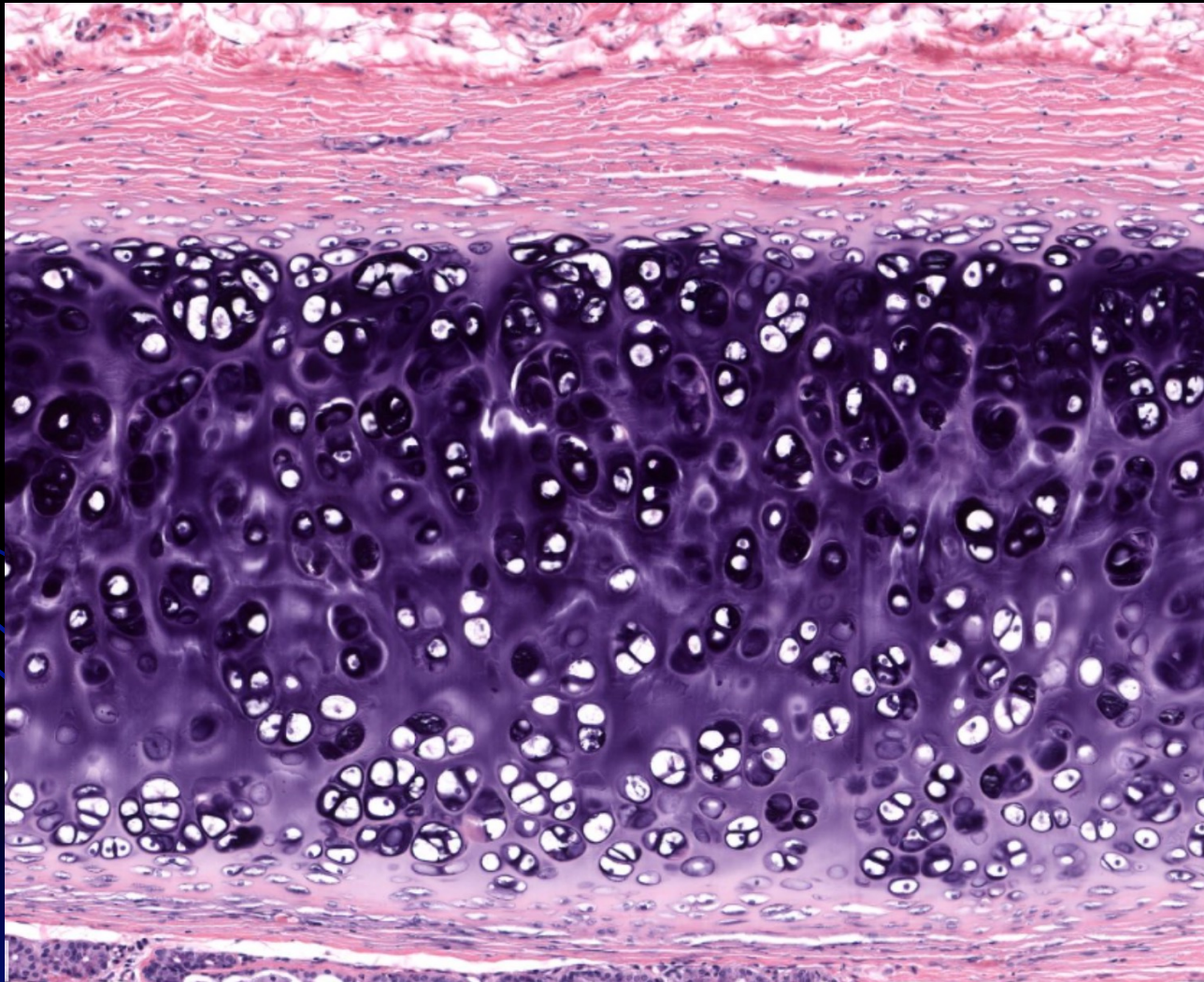


Identify?



Identify?





Identify?

