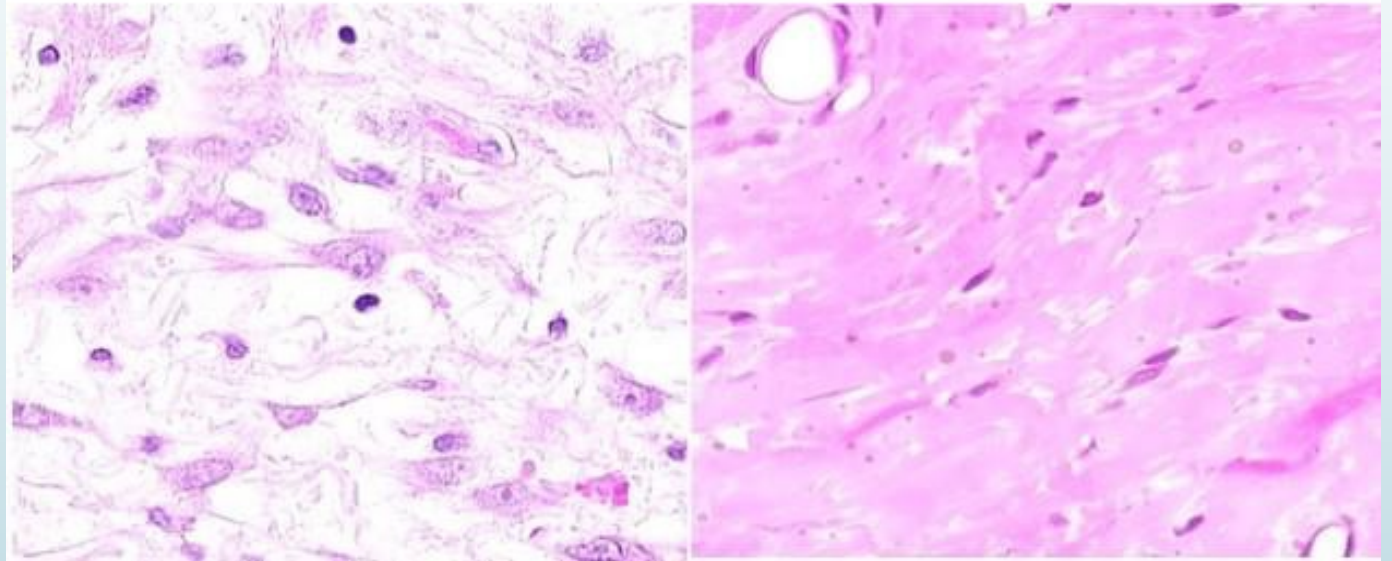


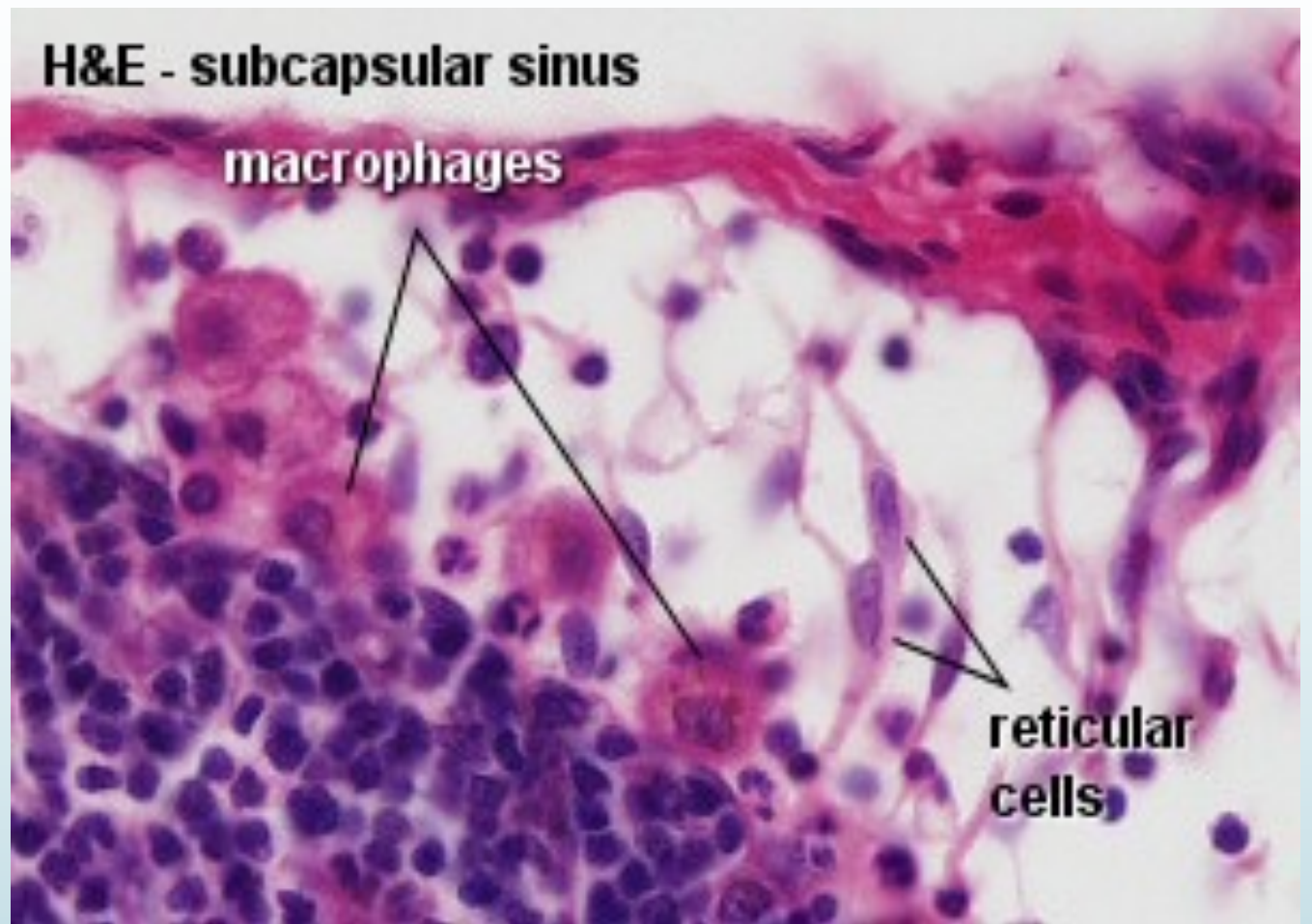


Connective tissue

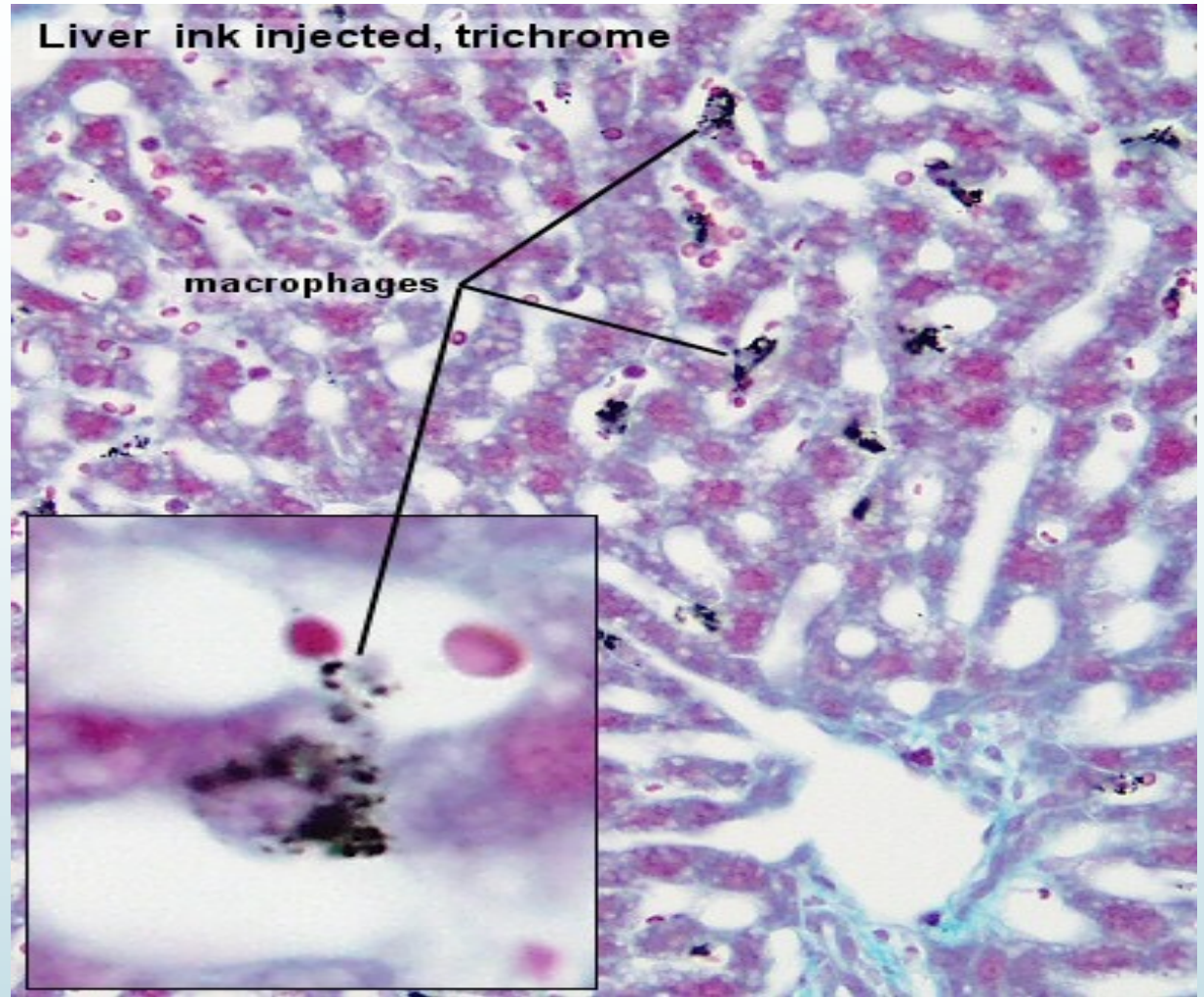




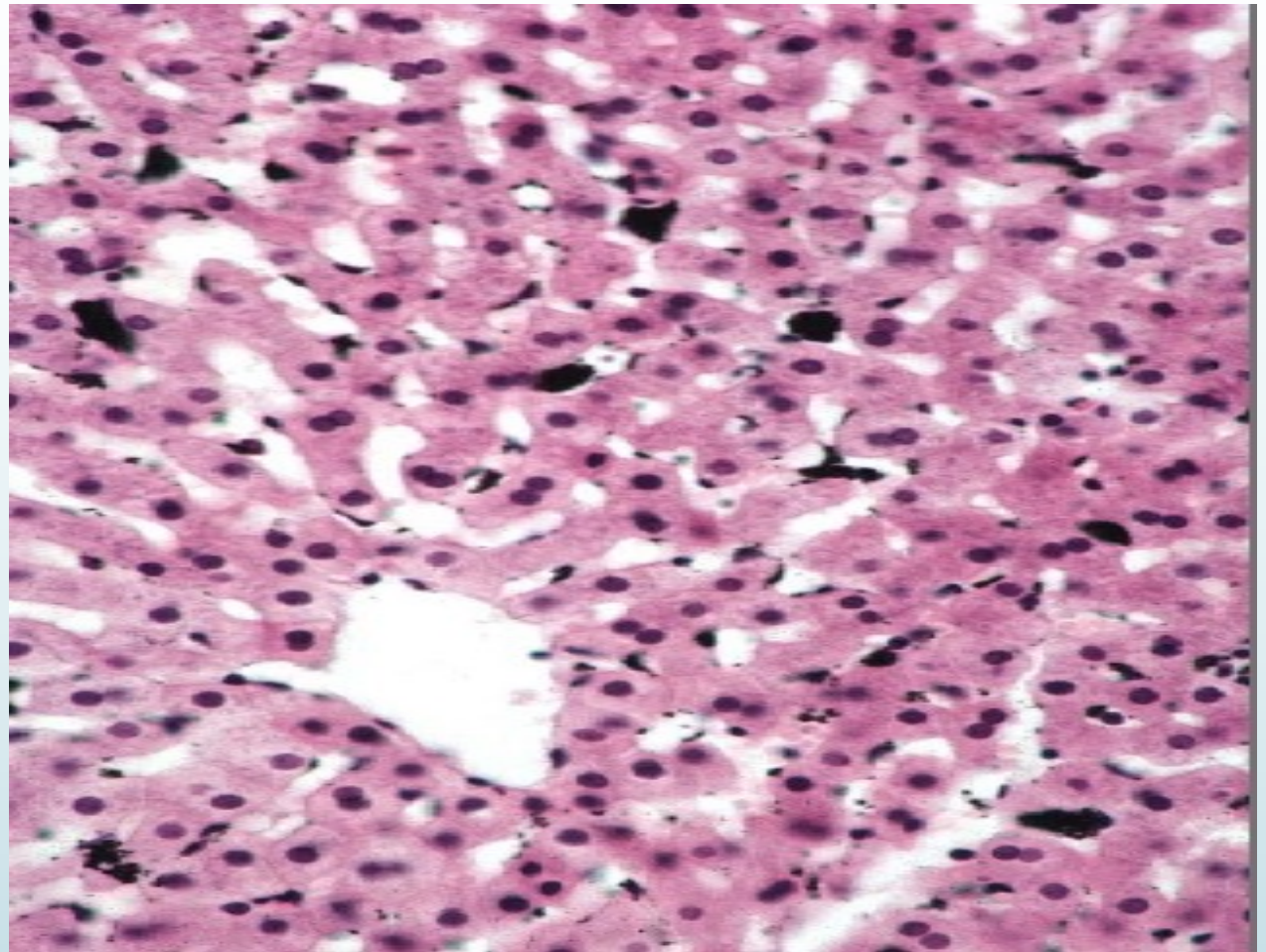
Macrophage



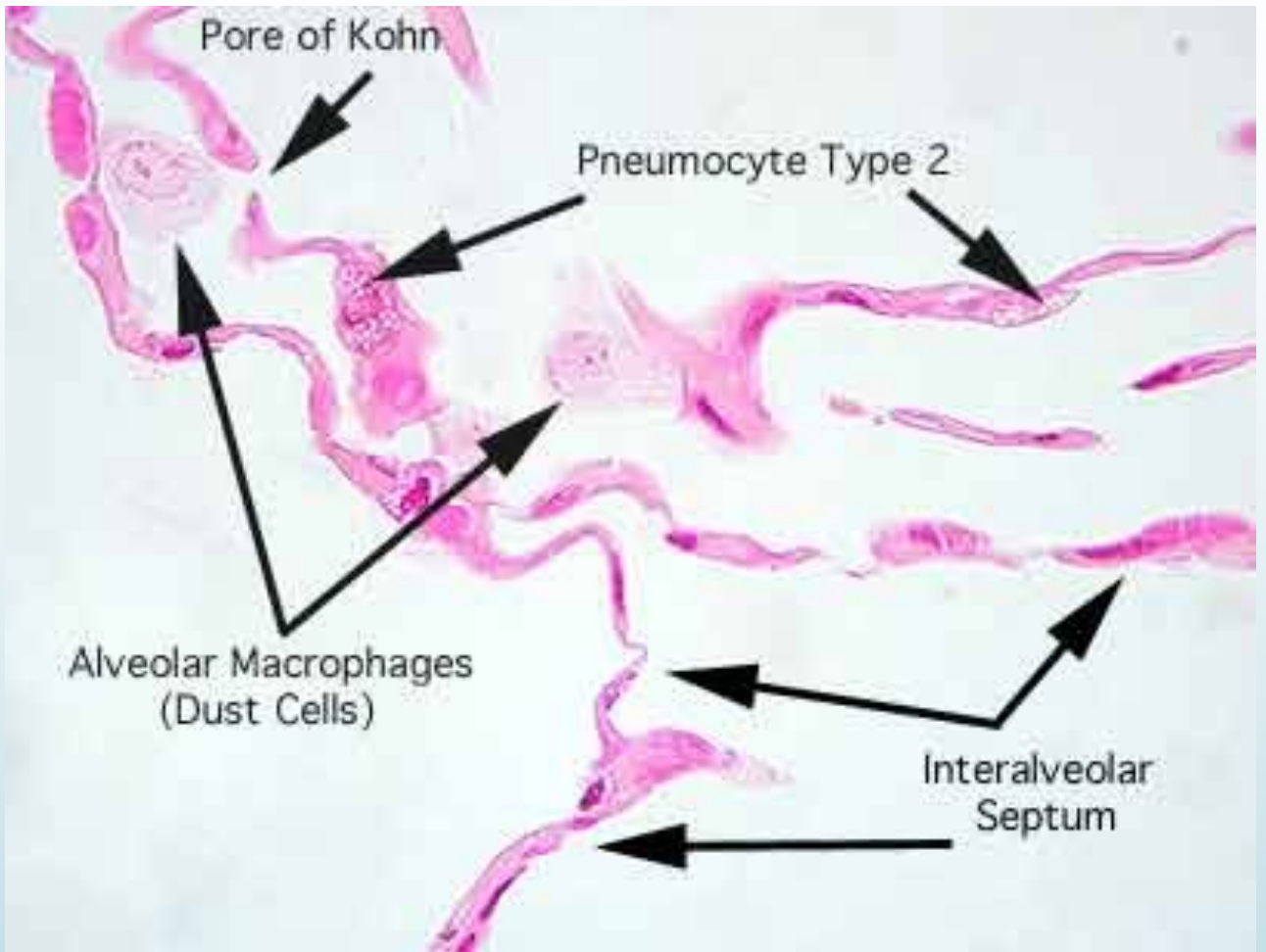
Macrophage



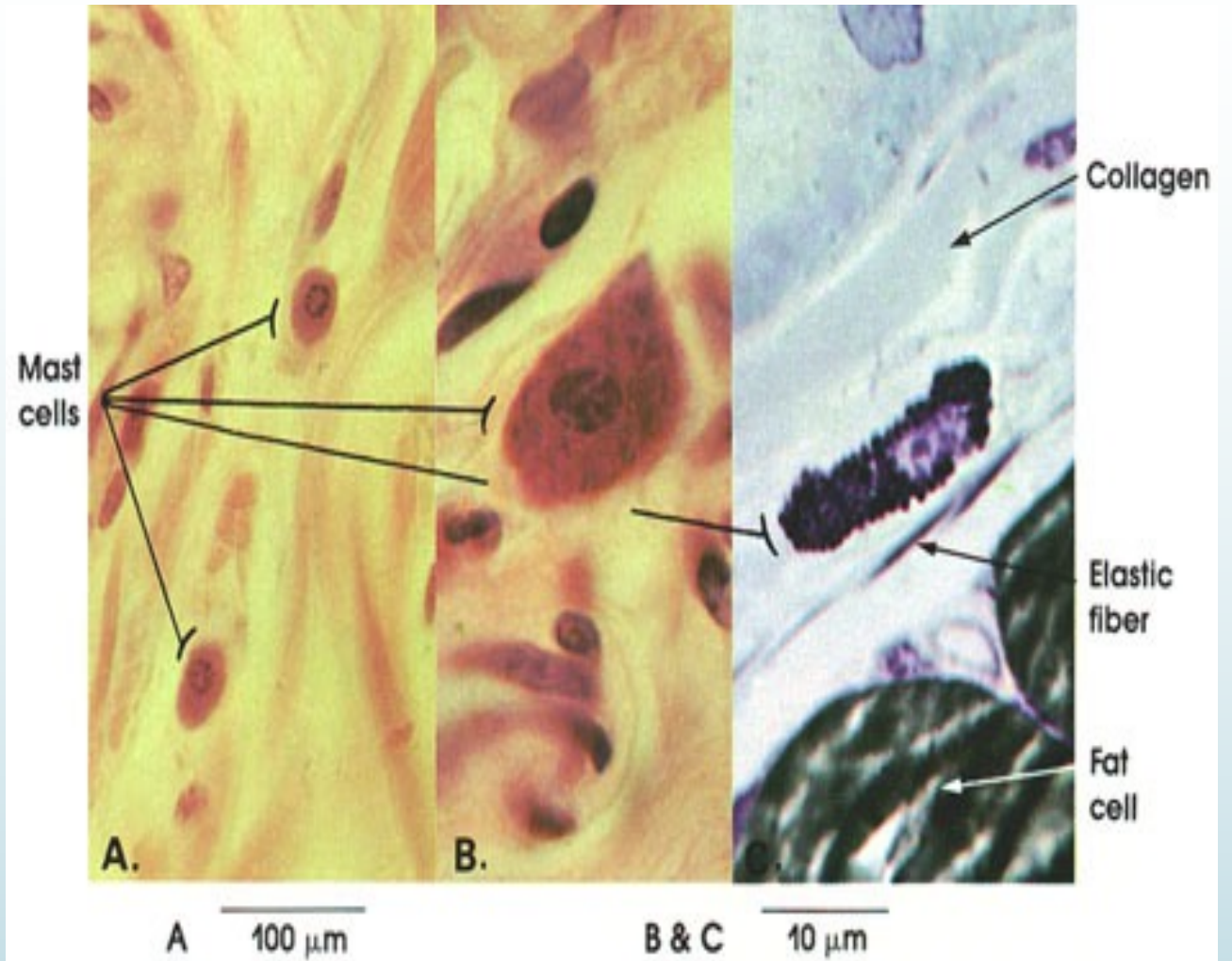
Macrophage



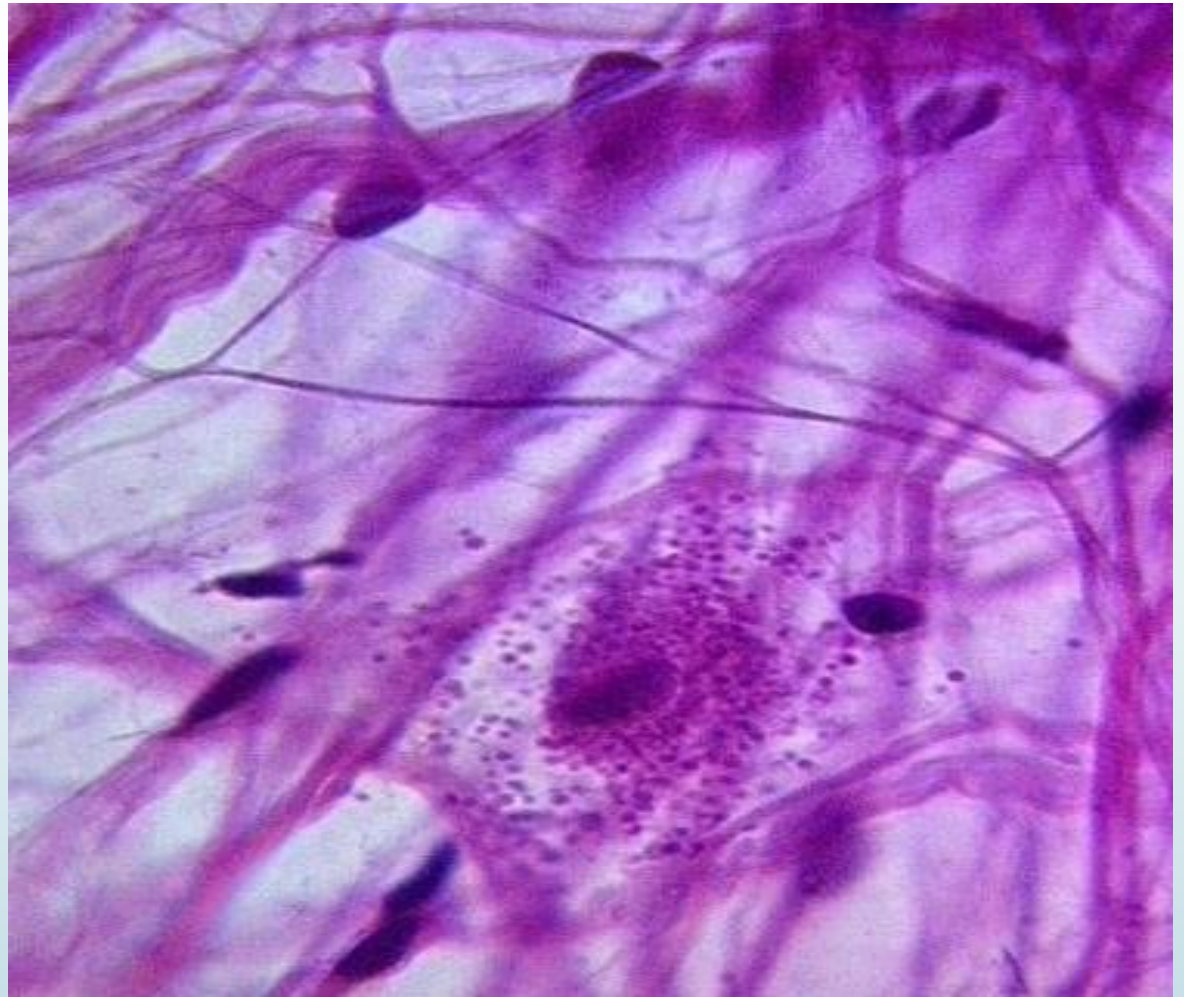
Macrophage



Mast cells



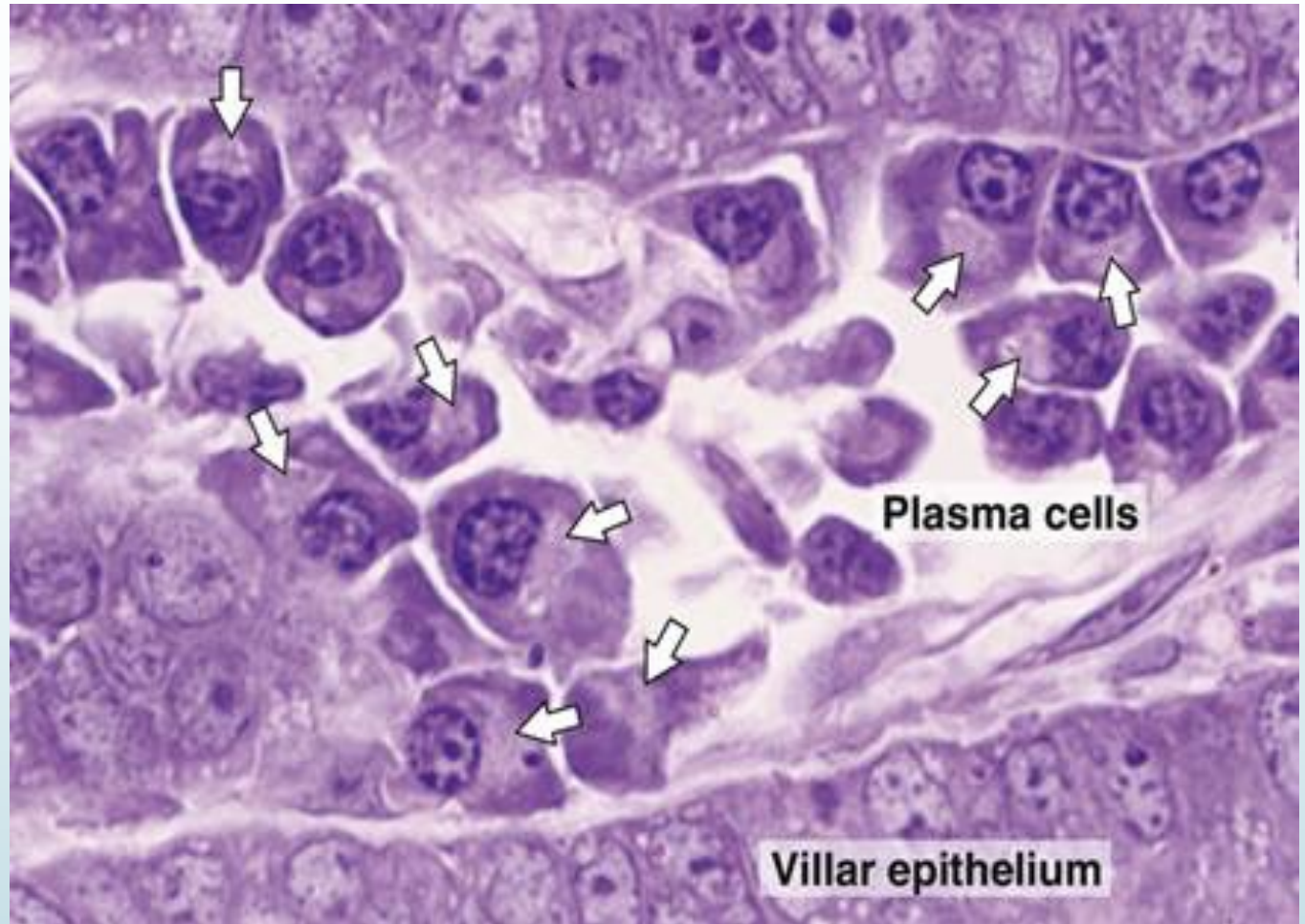
Mast cells



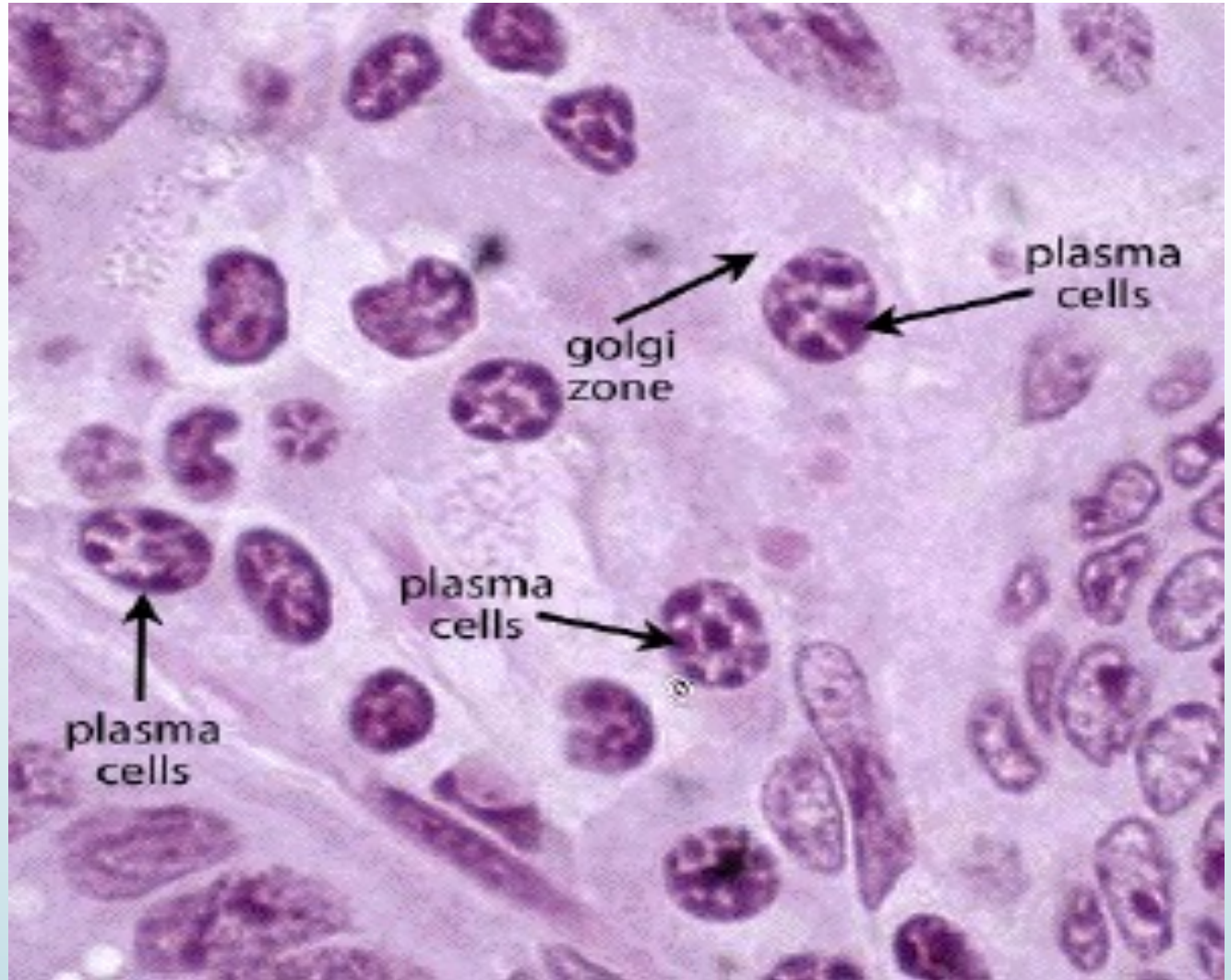
Mast cells



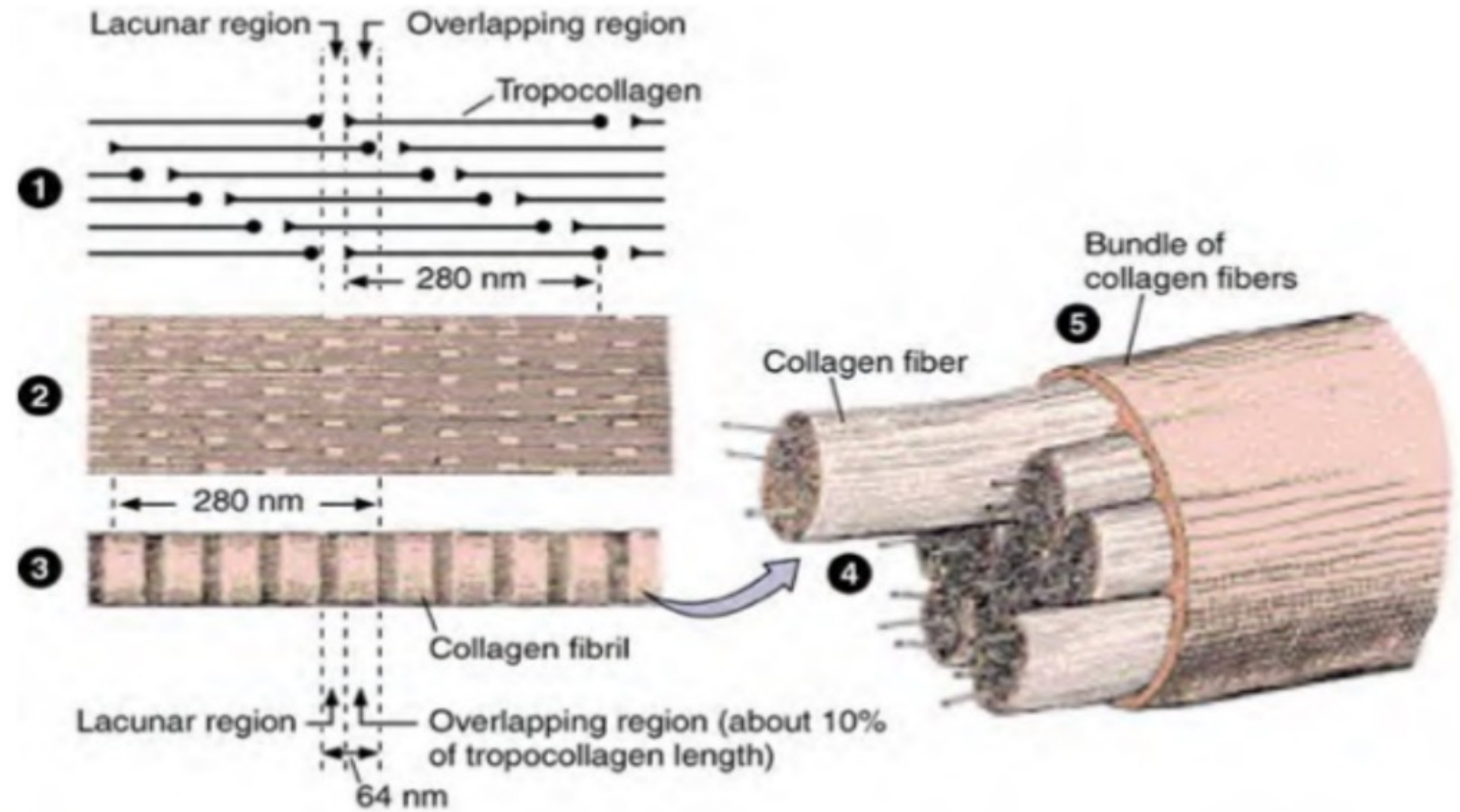
Plasma cells



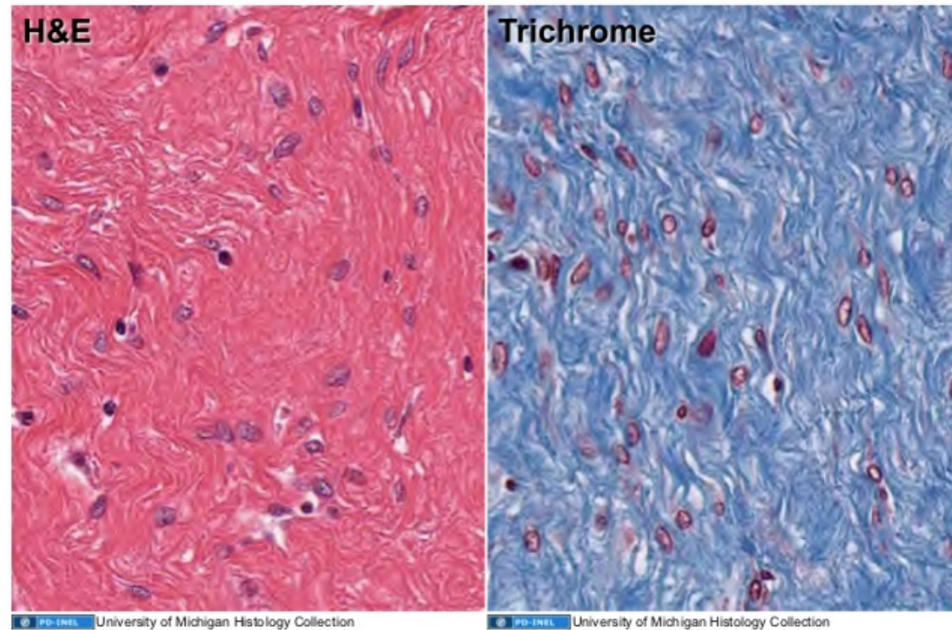
Plasma cells



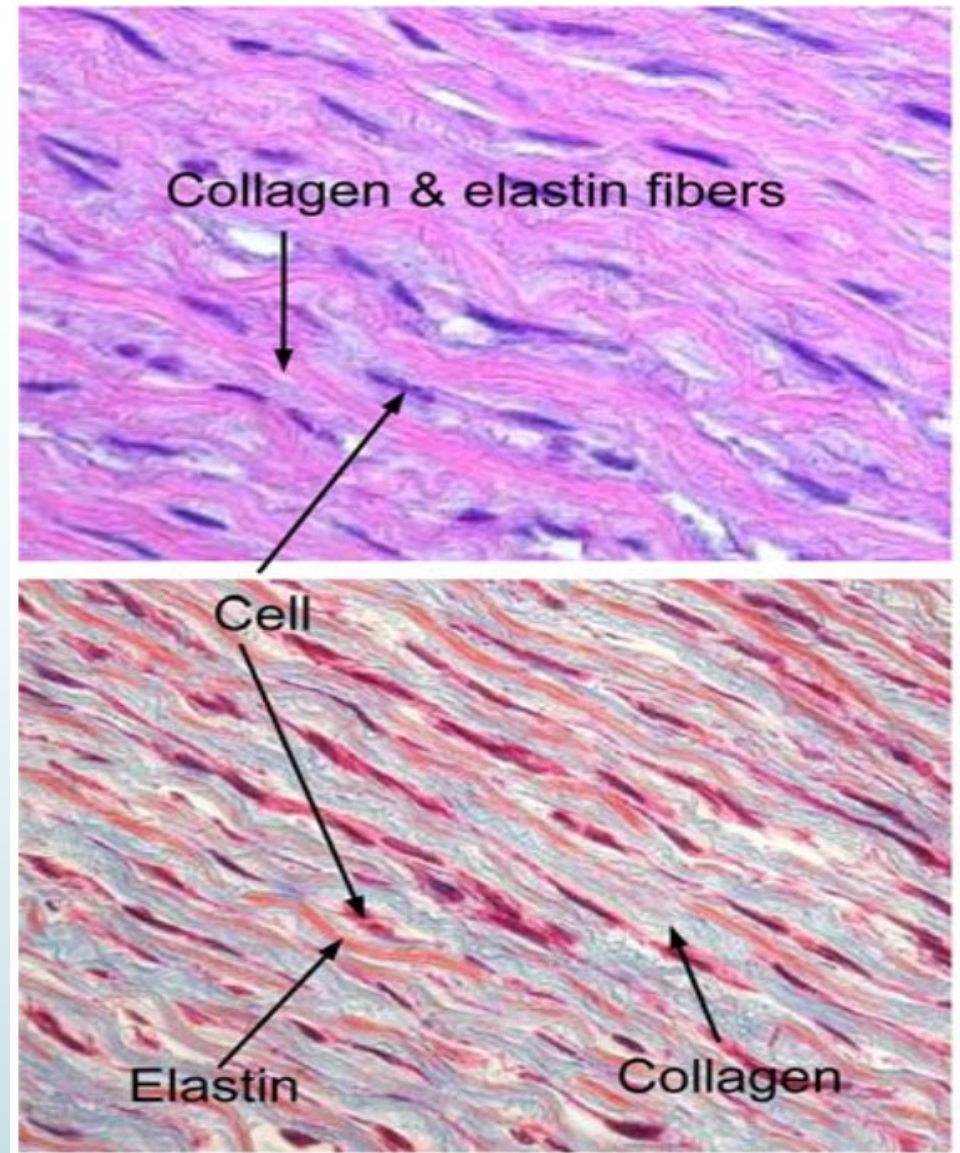
Assembly of collagen fibers



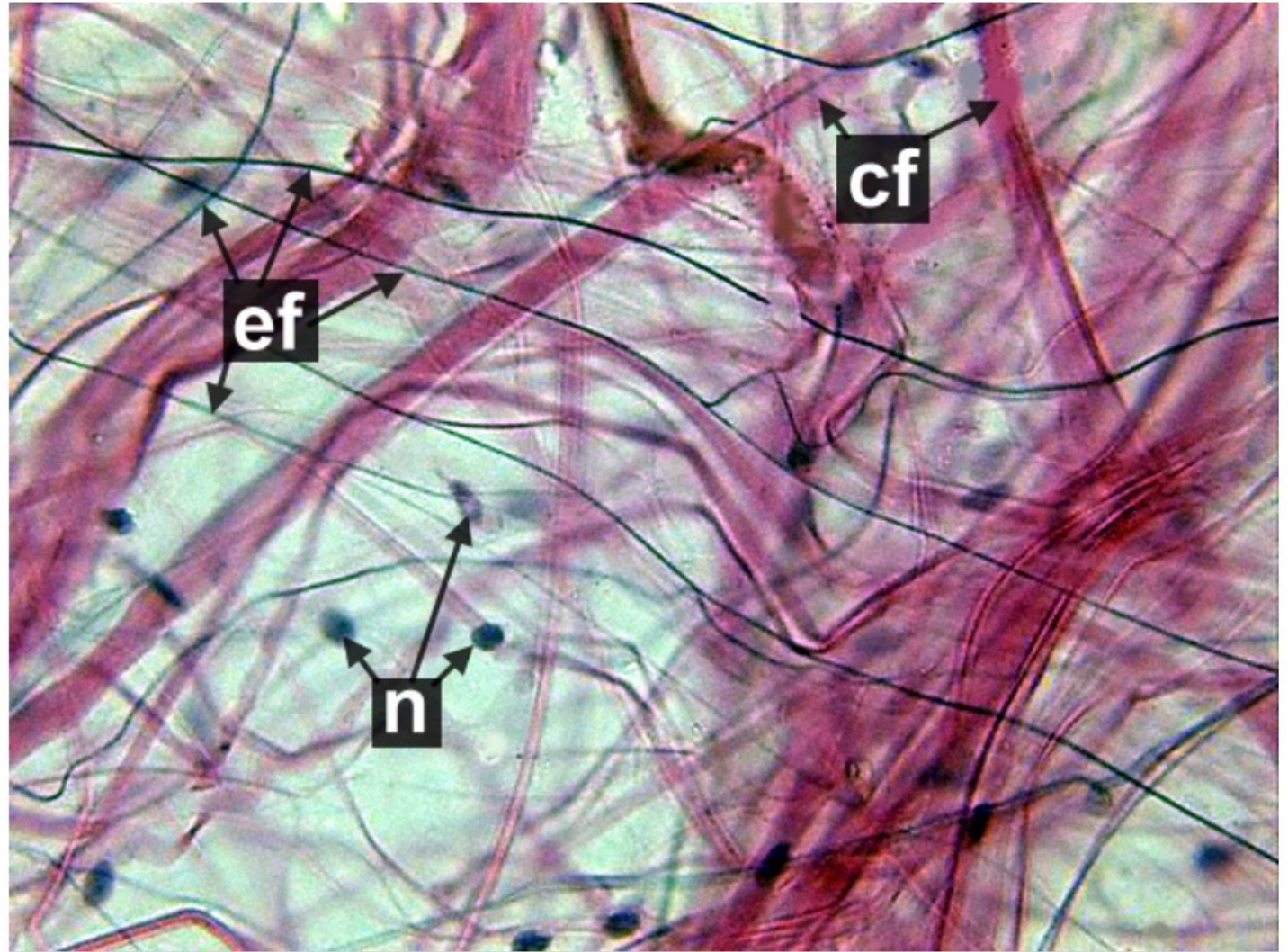
Collagen and elastin



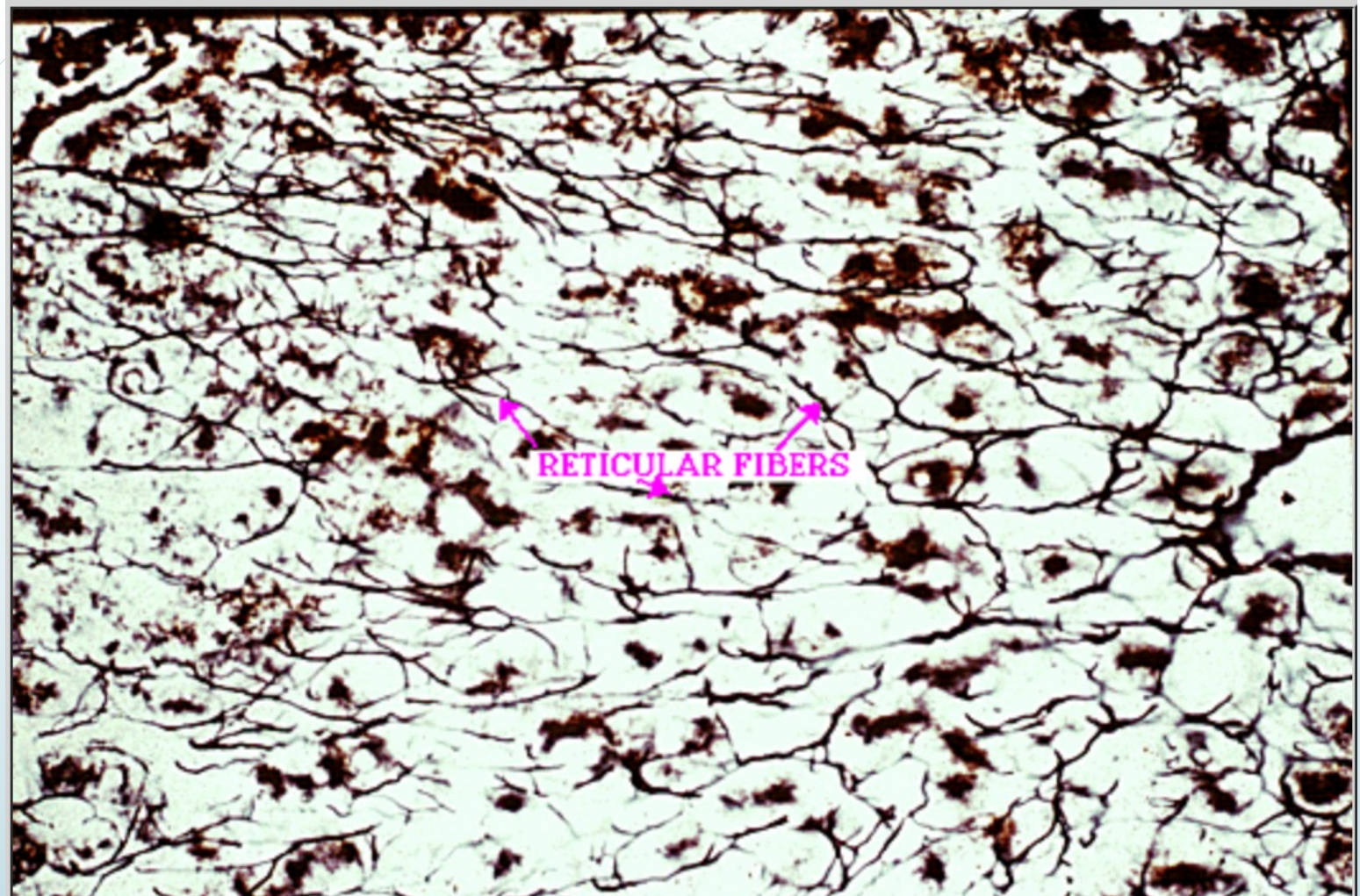
Masson's trichrome

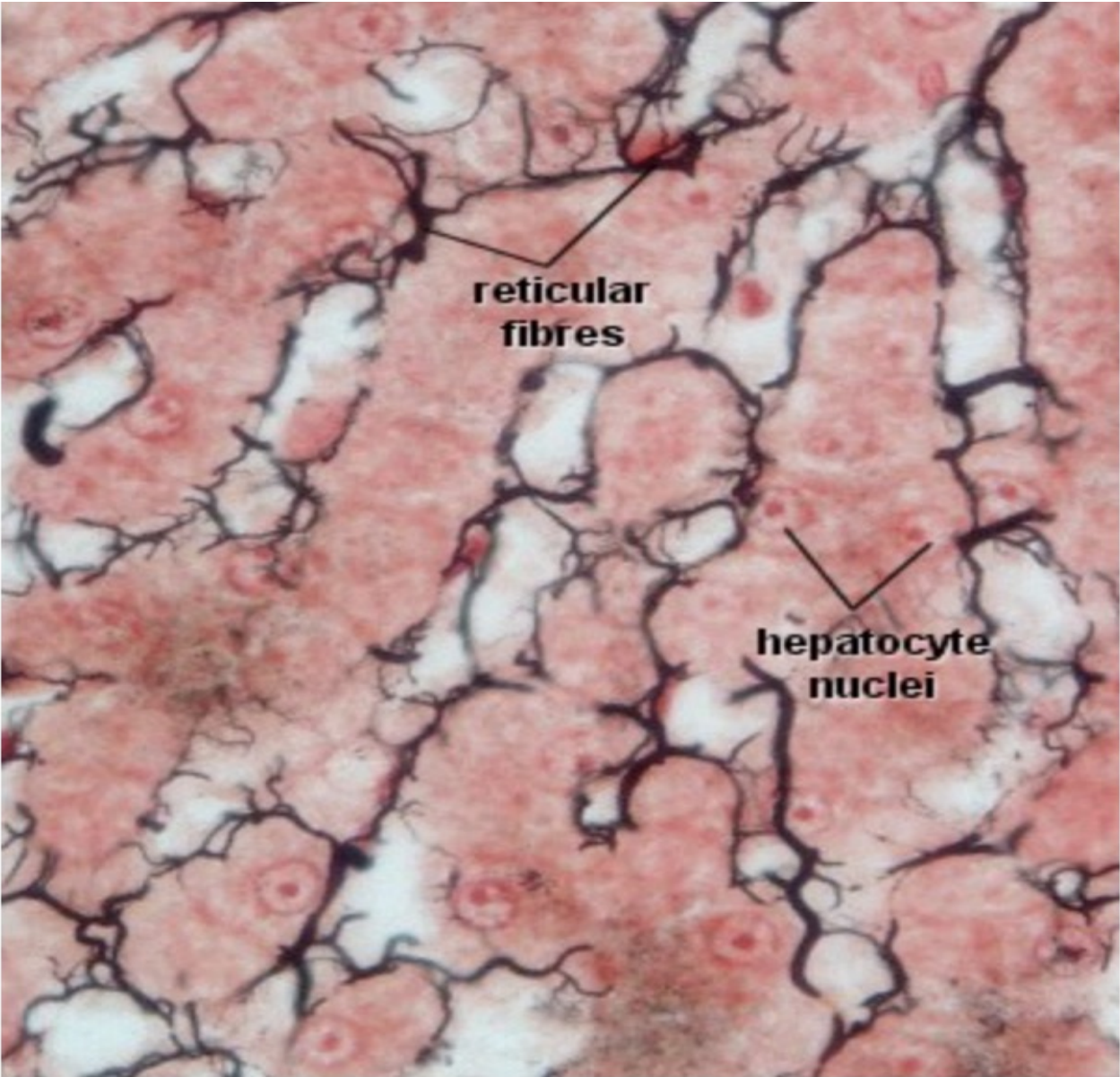


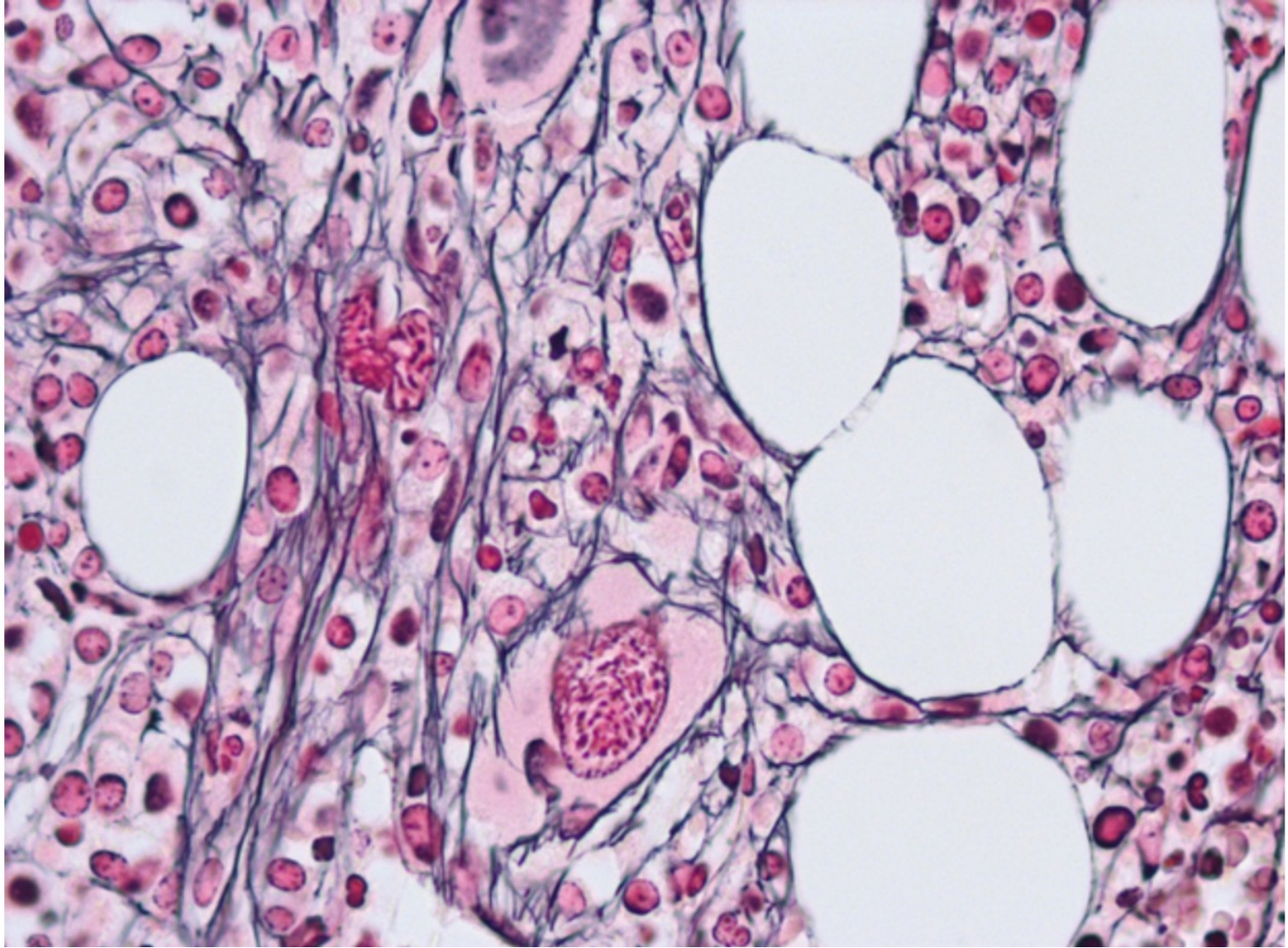
Collagen and elastin



Reticular fibers





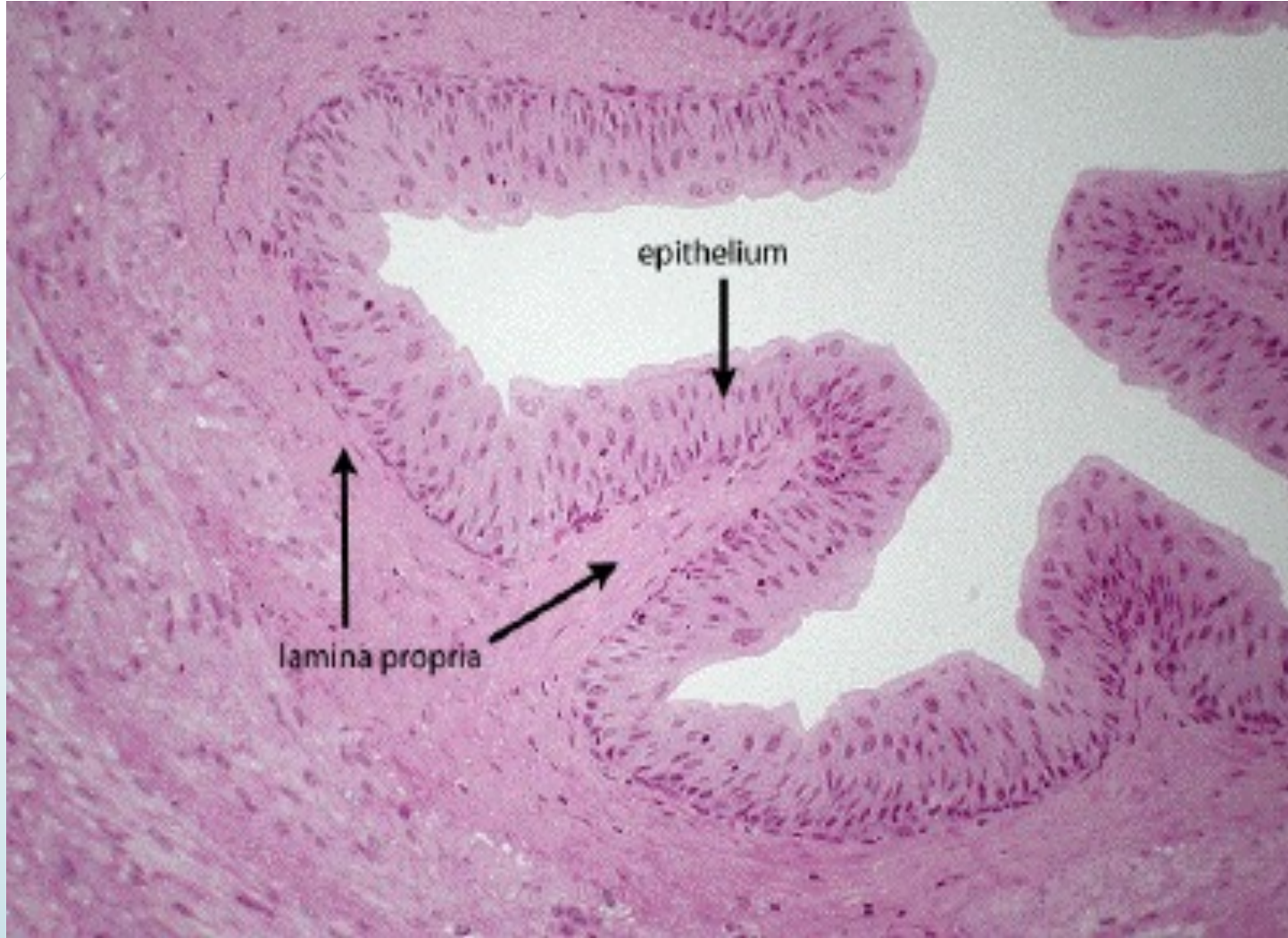


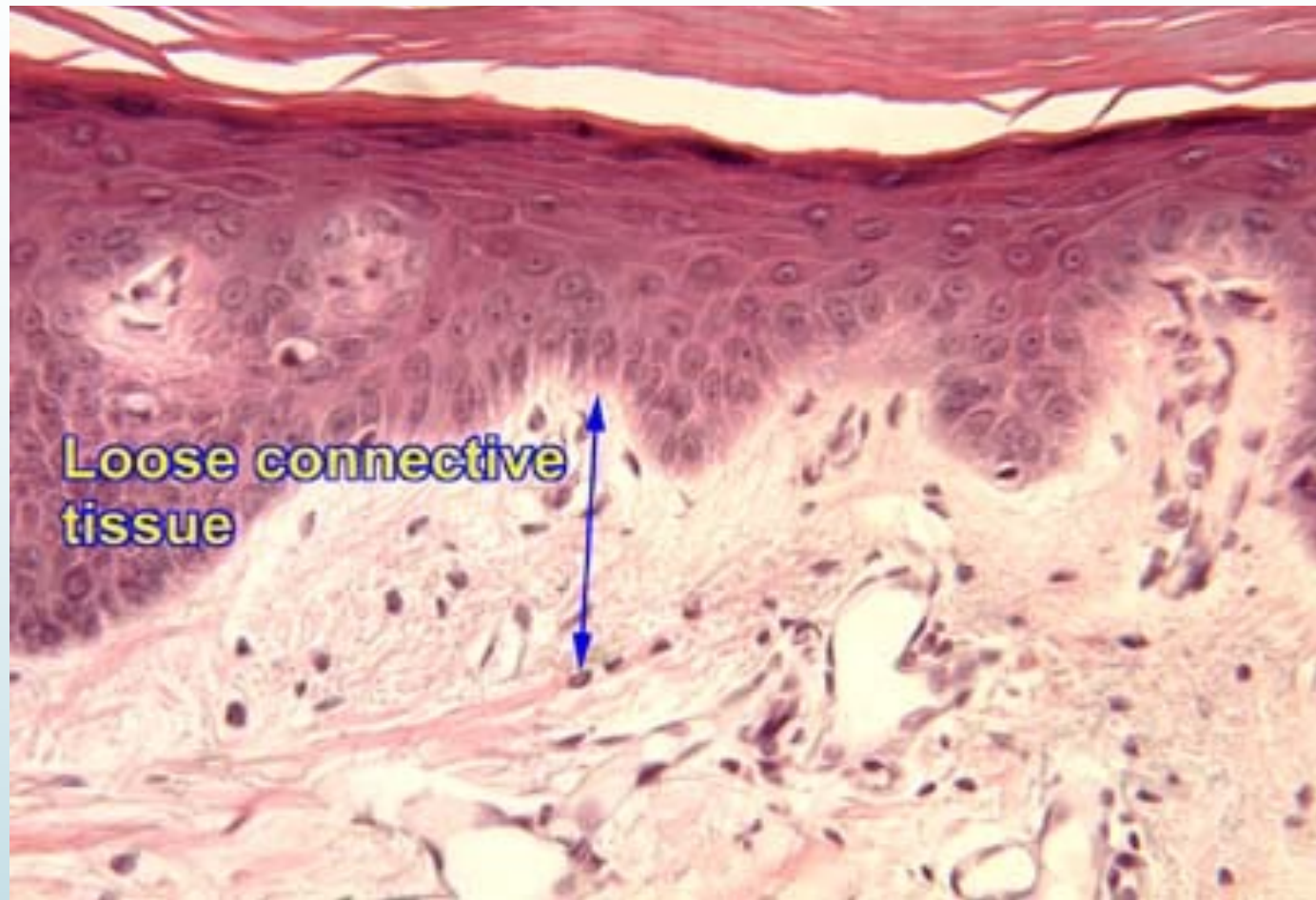


Connective tissue types

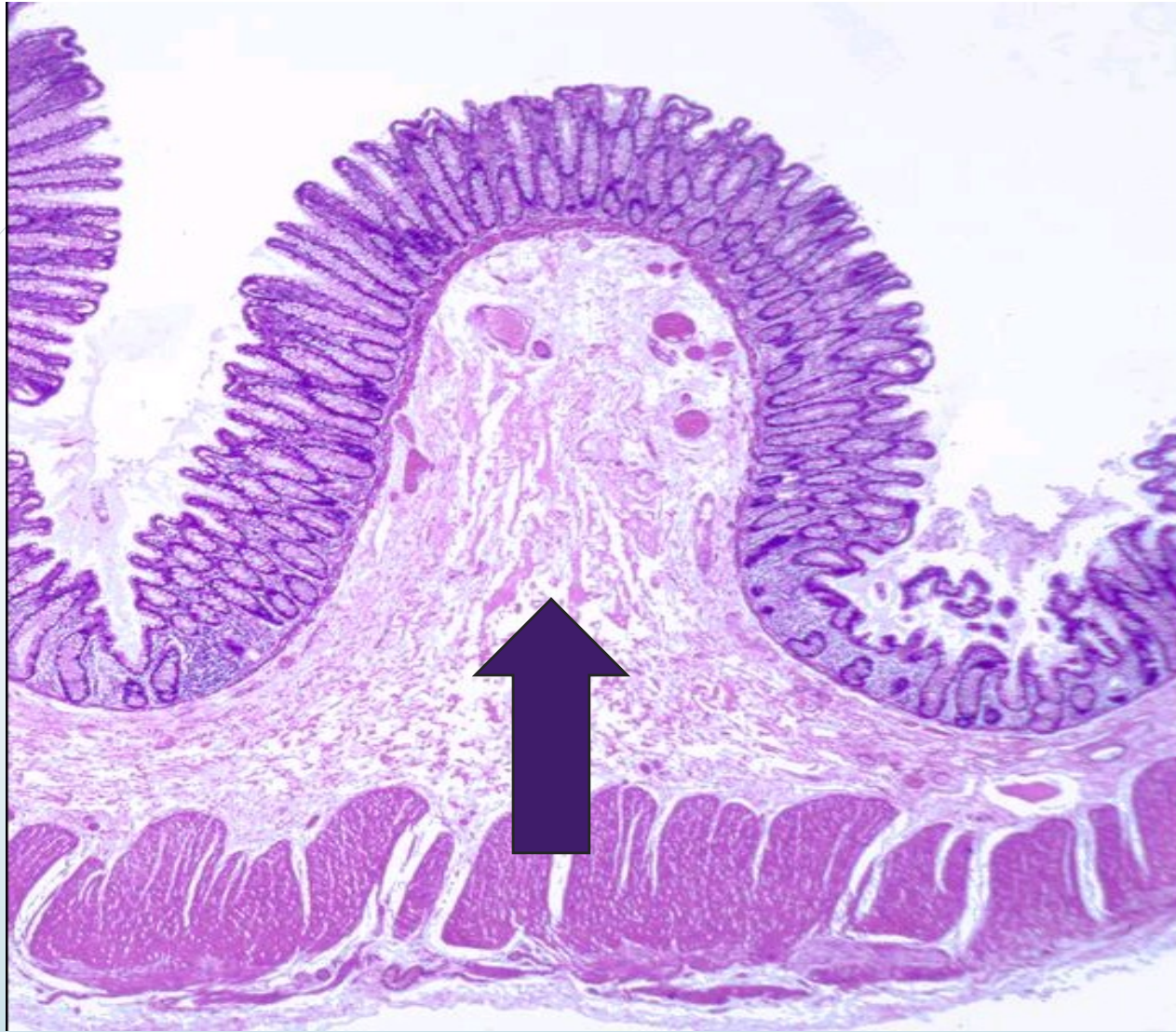
Connective tissue (CT) proper- Loose CT

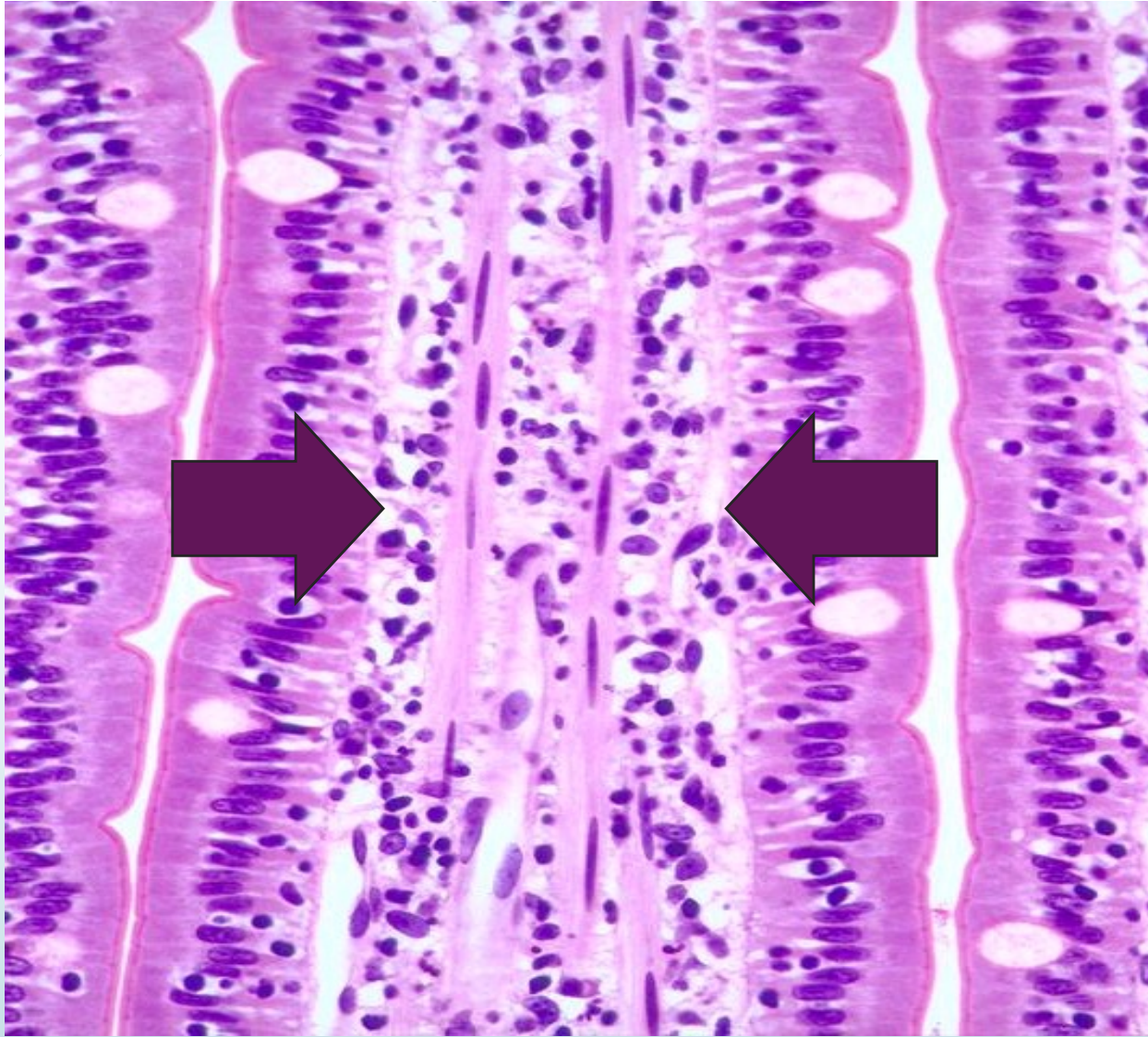


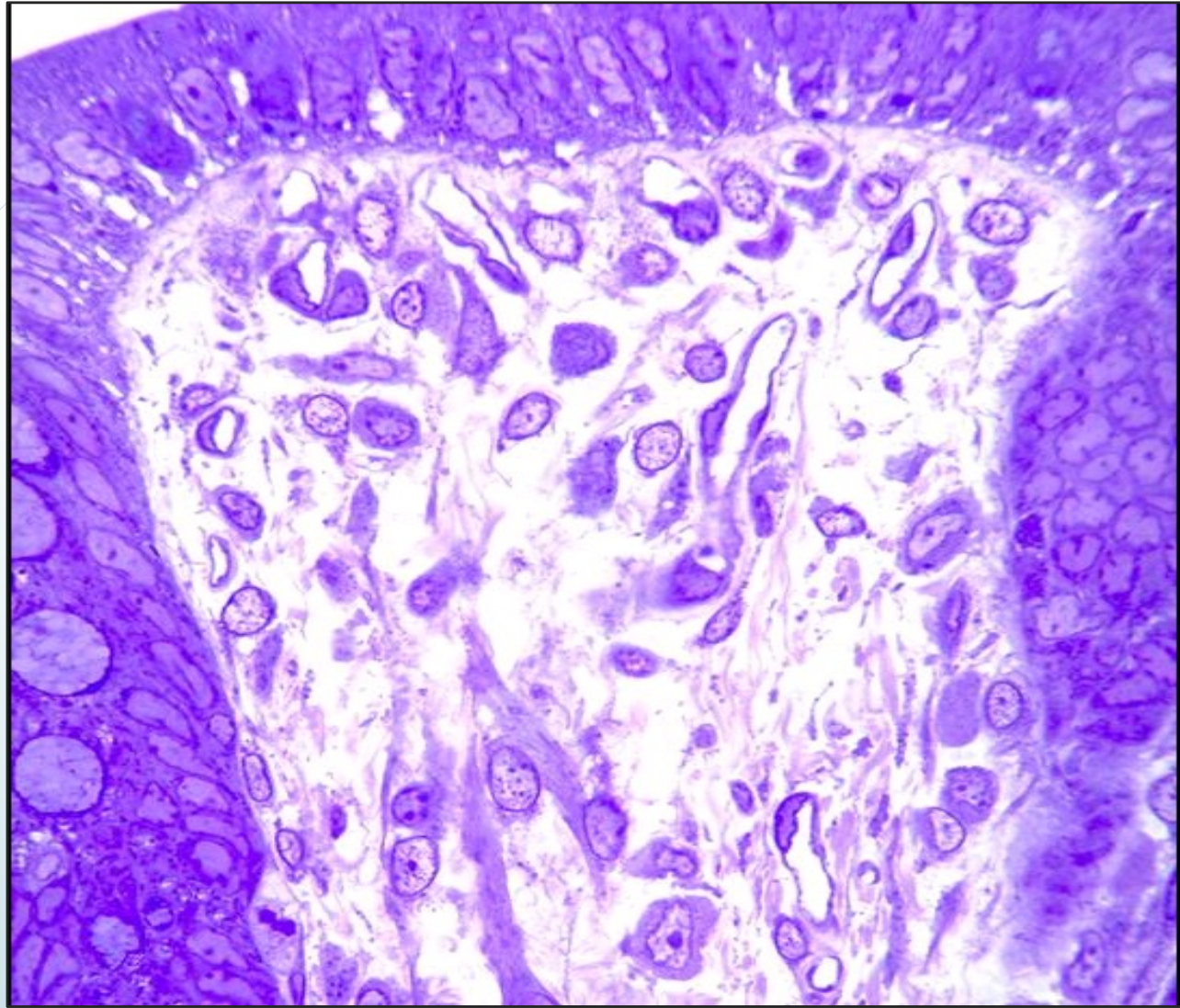




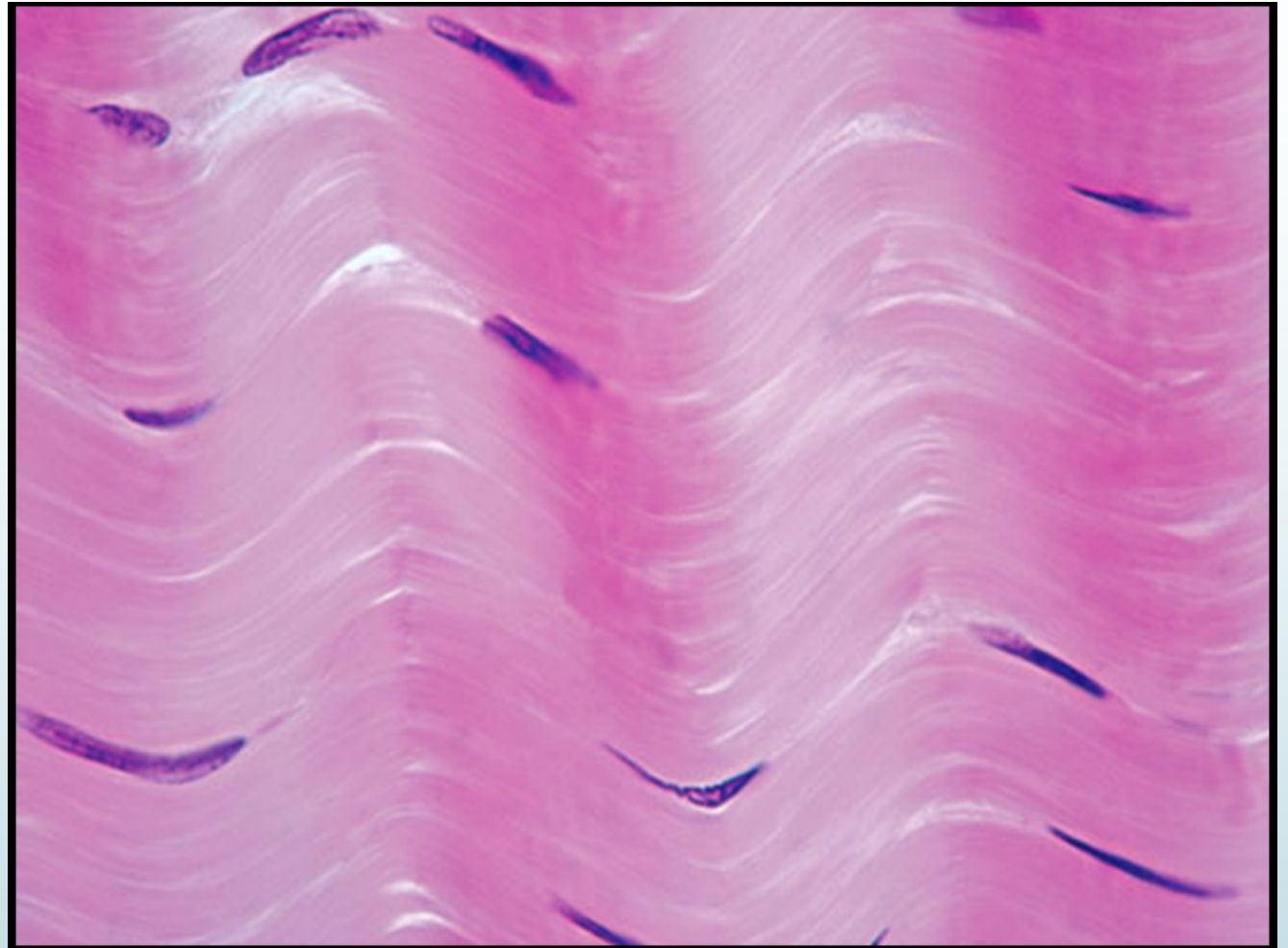
Loose connective tissue

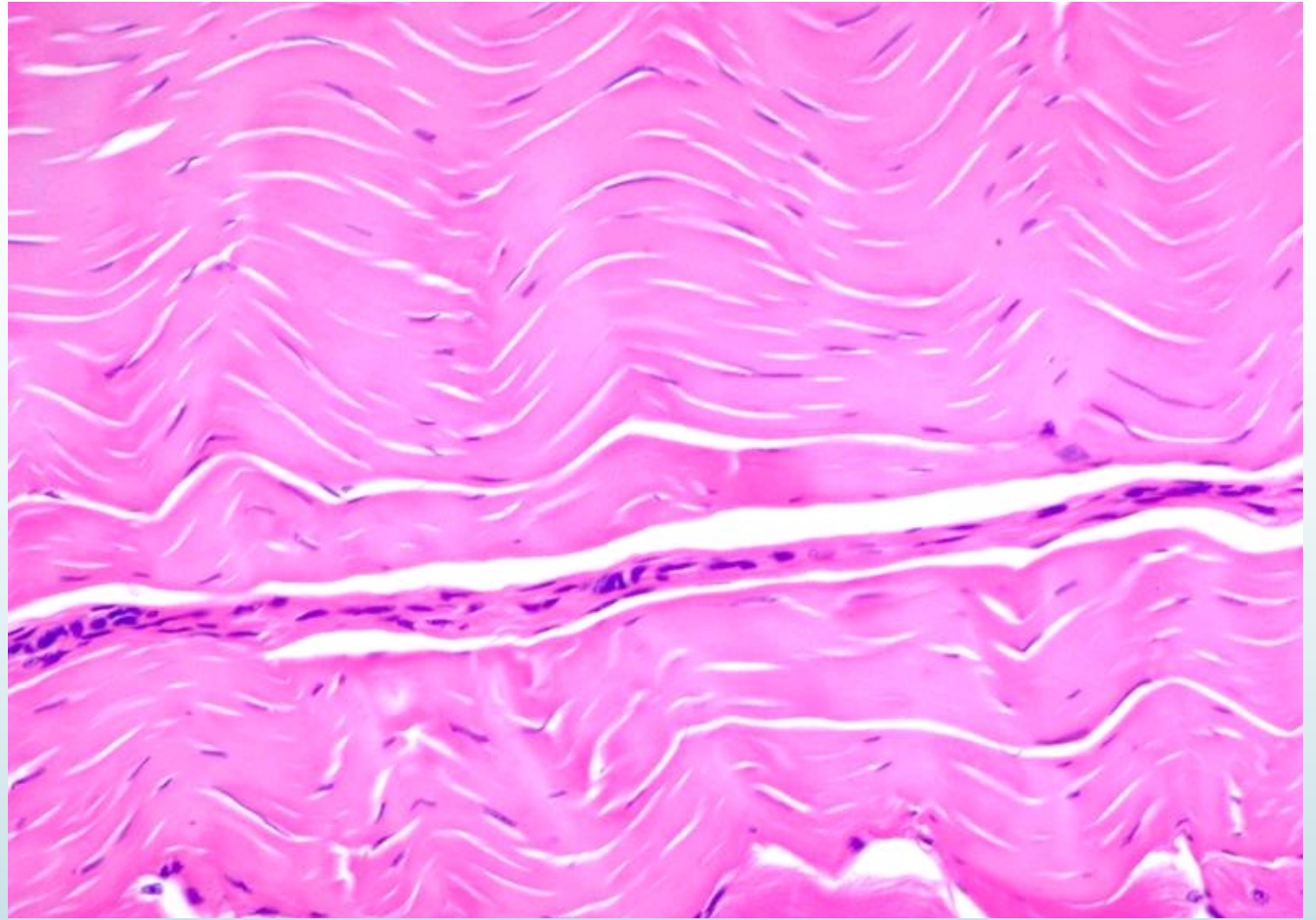




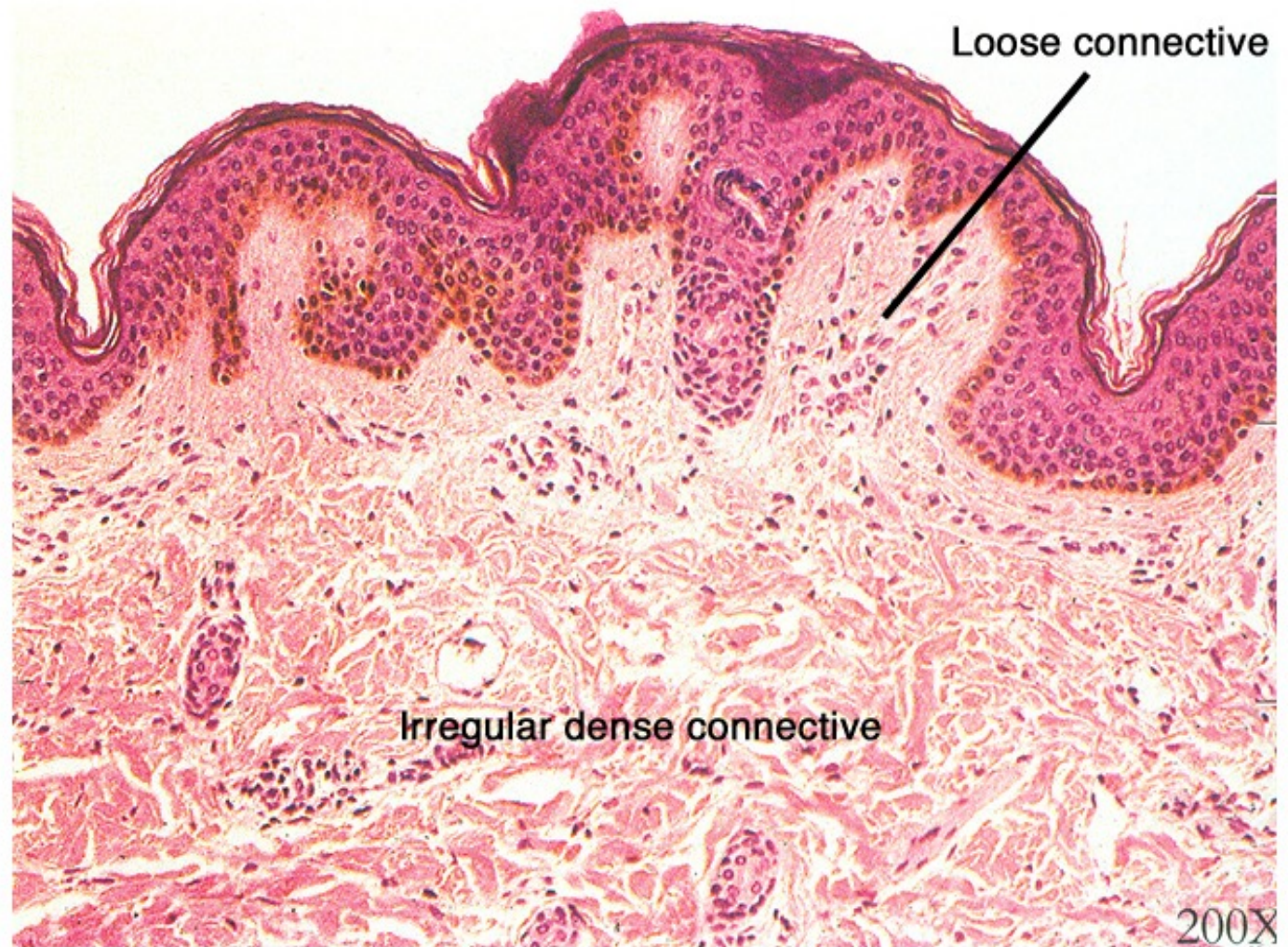


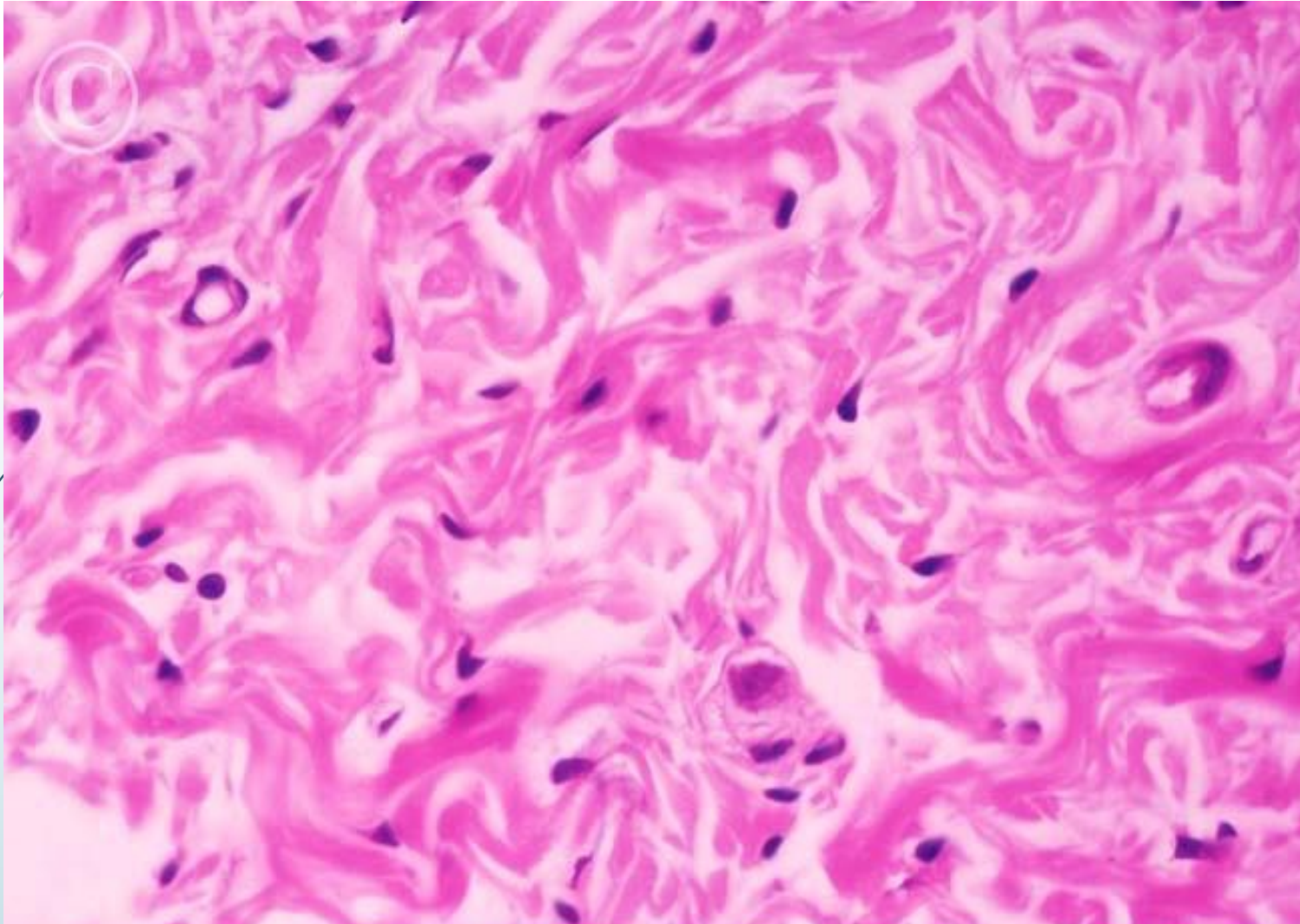
Connective tissue (CT) proper- Regular dense CT

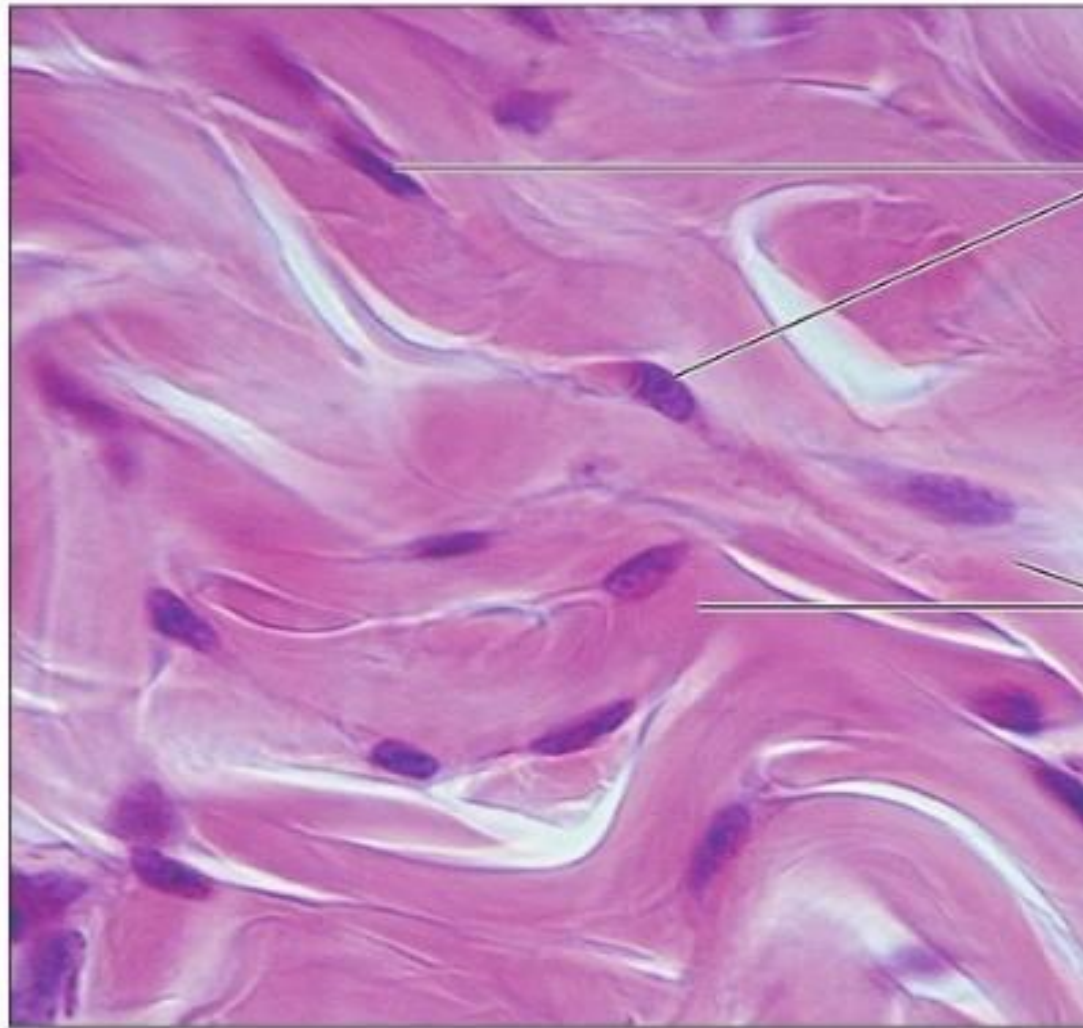




Connective tissue (CT) proper- Irregular dense CT

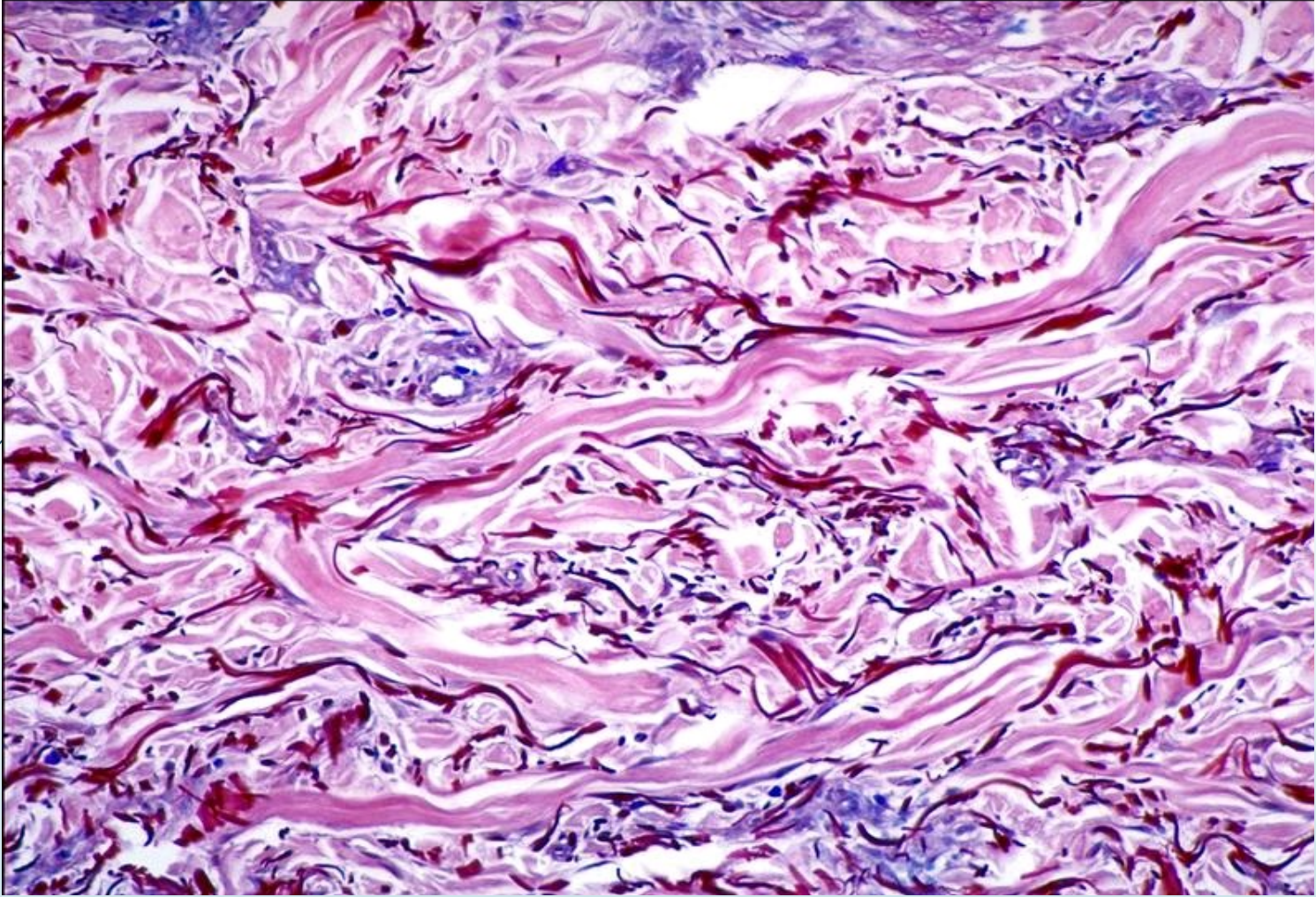






Nuclei of
fibroblasts

Collagen
fibers



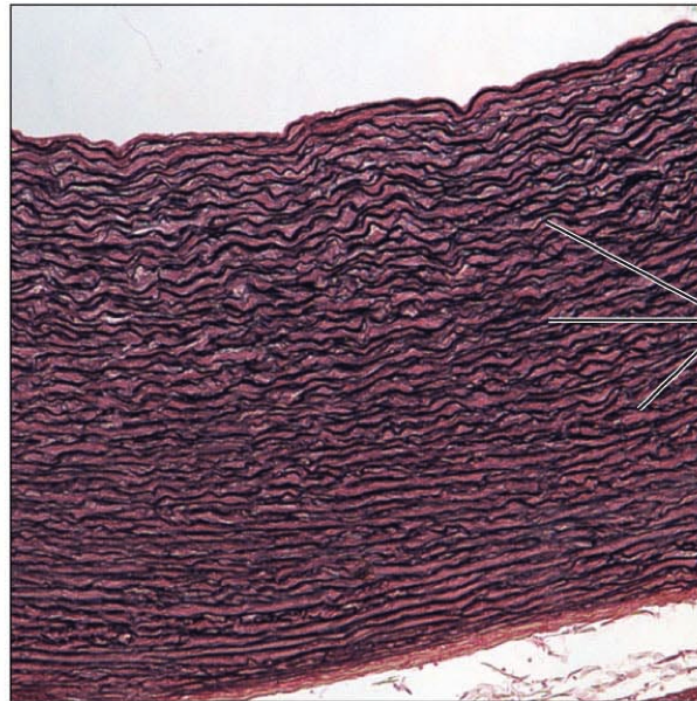
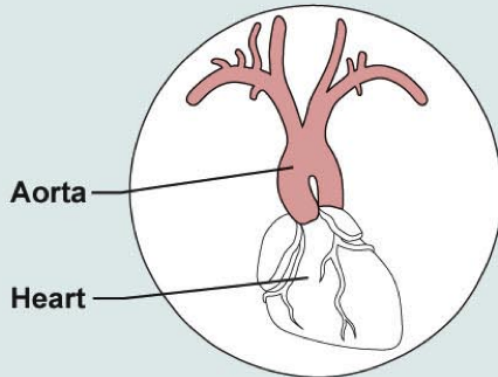


(g) Connective tissue proper: dense connective tissue, elastic

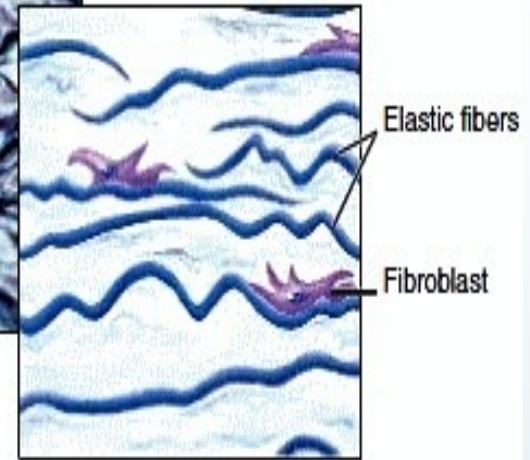
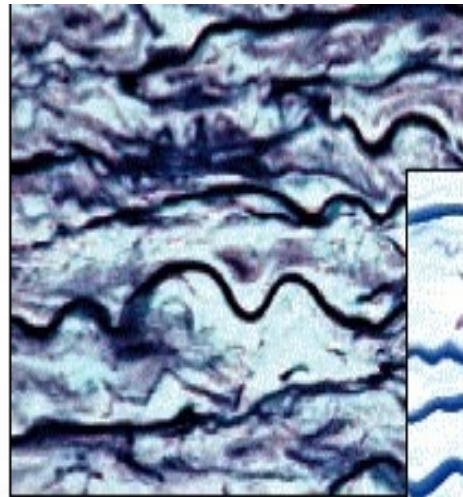
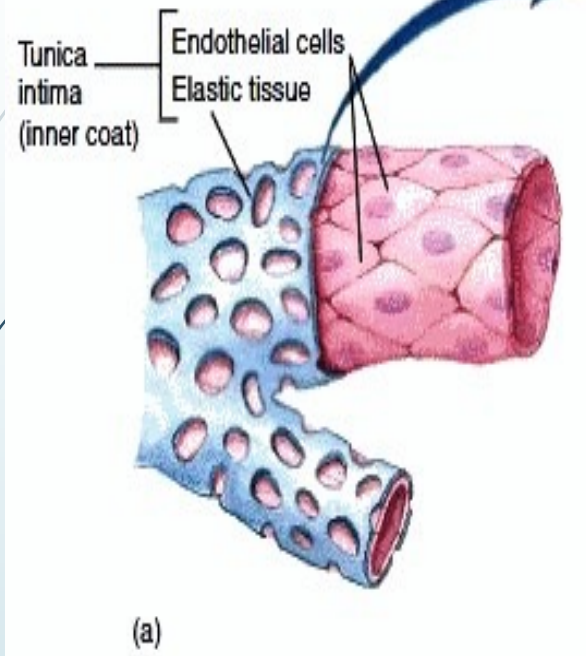
Description: Dense regular connective tissue containing a high proportion of elastic fibers.

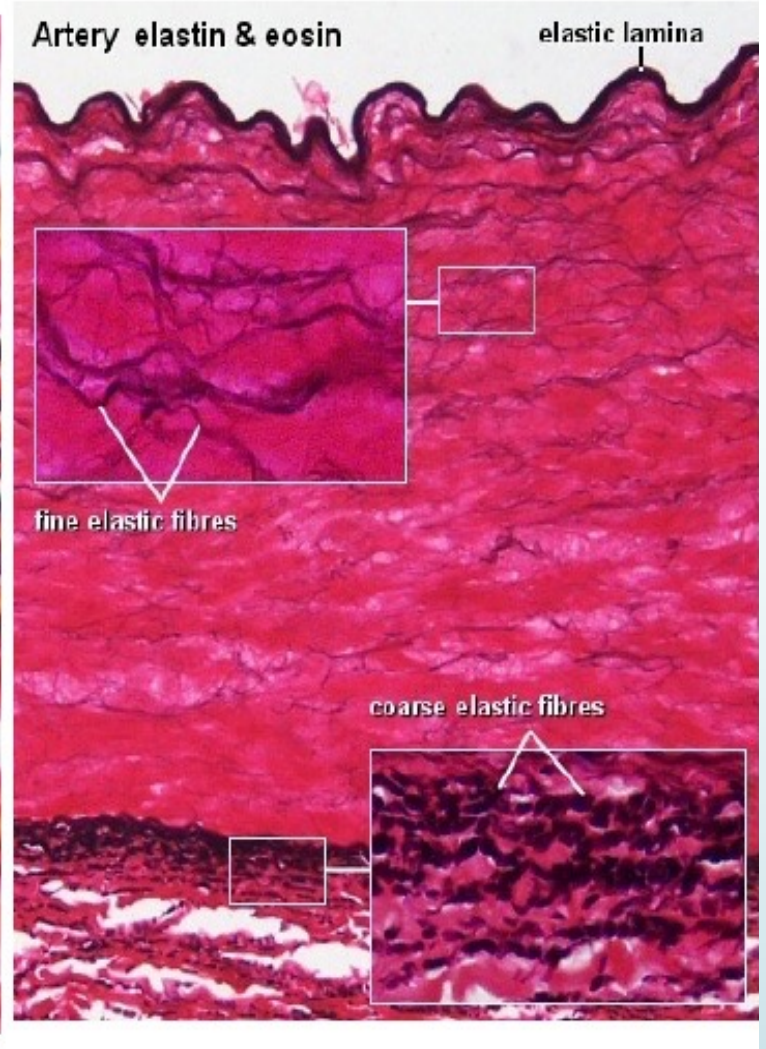
Function: Allows recoil of tissue following stretching; maintains pulsatile flow of blood through arteries; aids passive recoil of lungs following inspiration.

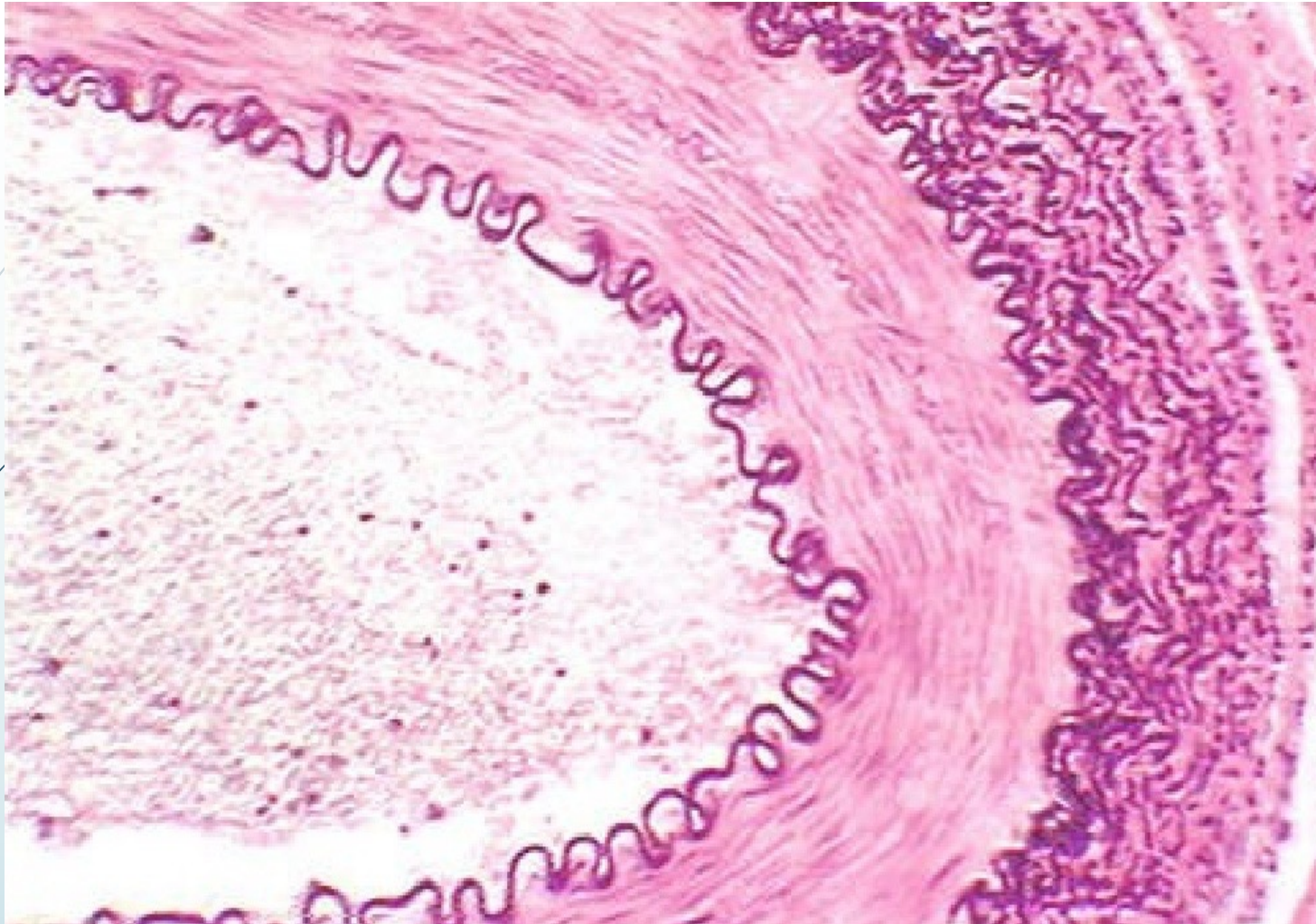
Location: Walls of large arteries; within certain ligaments associated with the vertebral column; within the walls of the bronchial tubes.

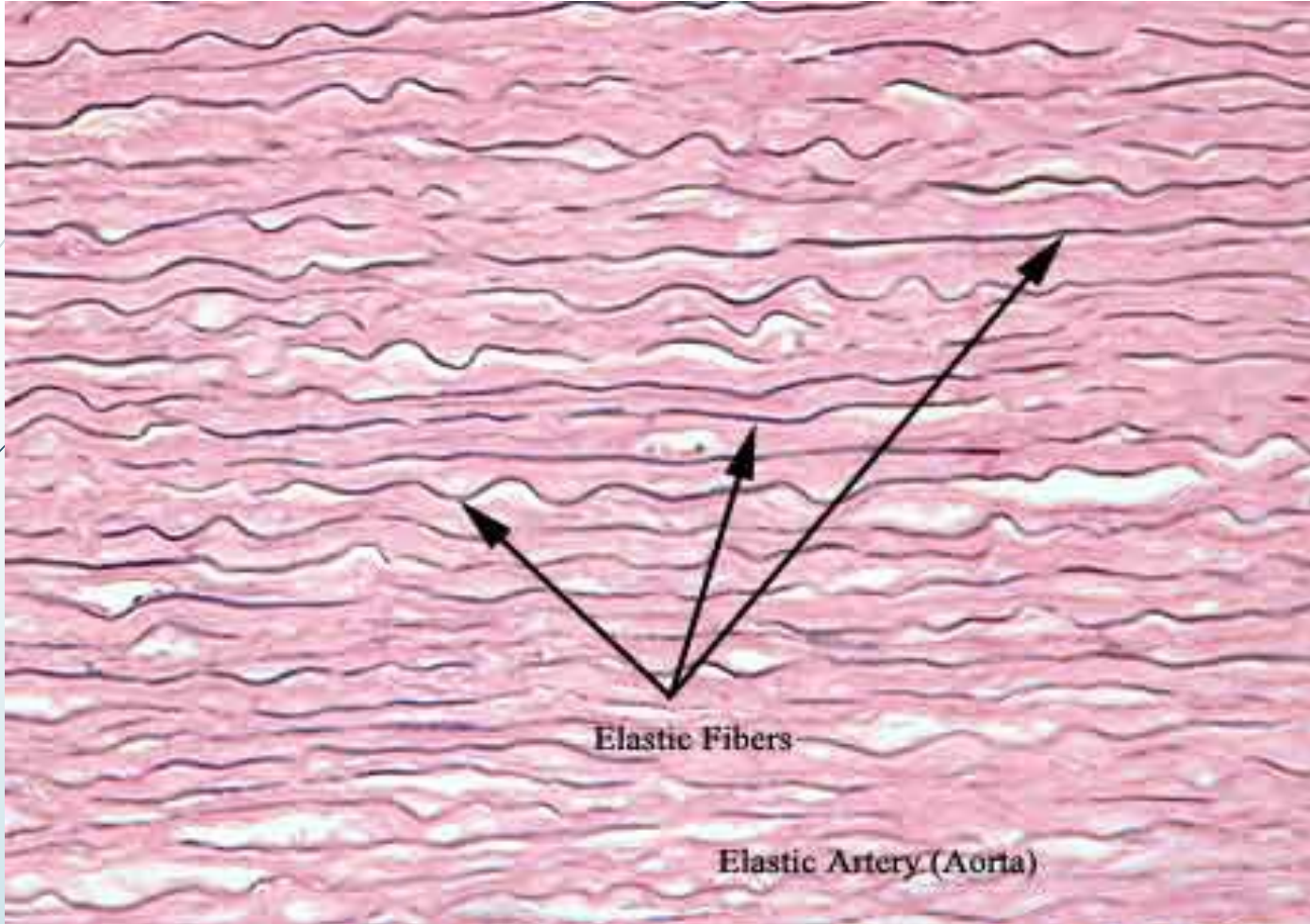


Photomicrograph: Elastic connective tissue in the wall of the aorta (85 \times).



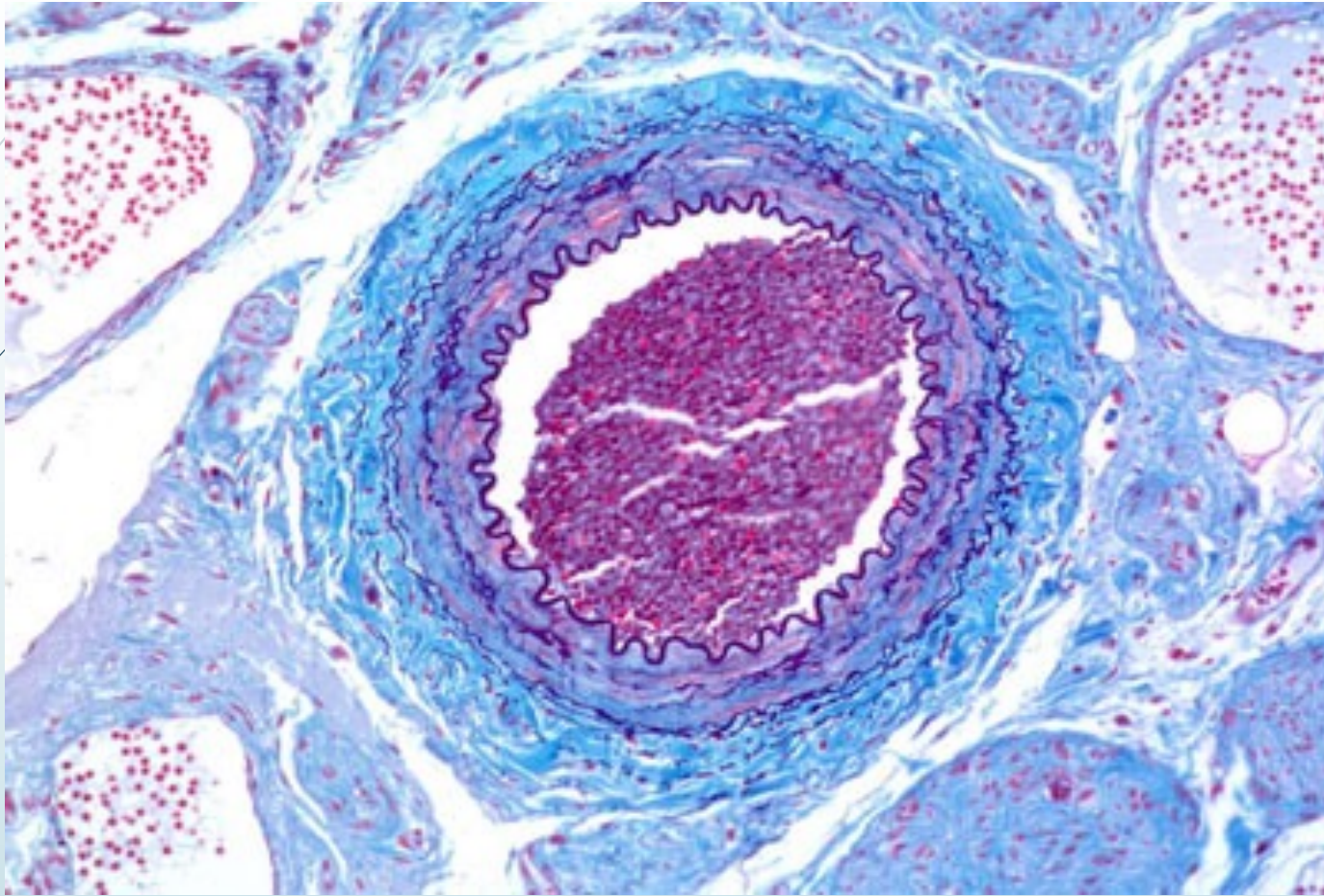


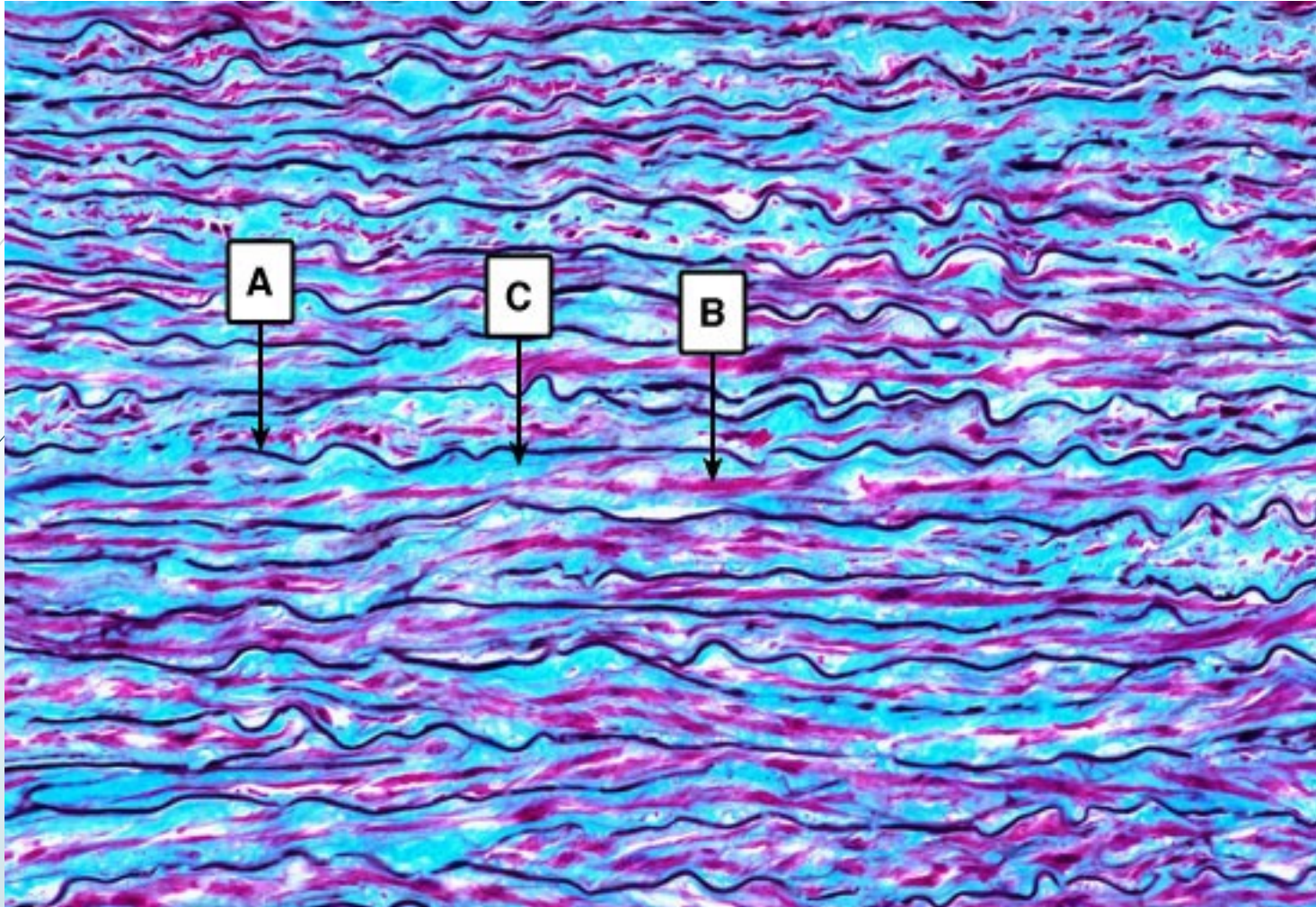


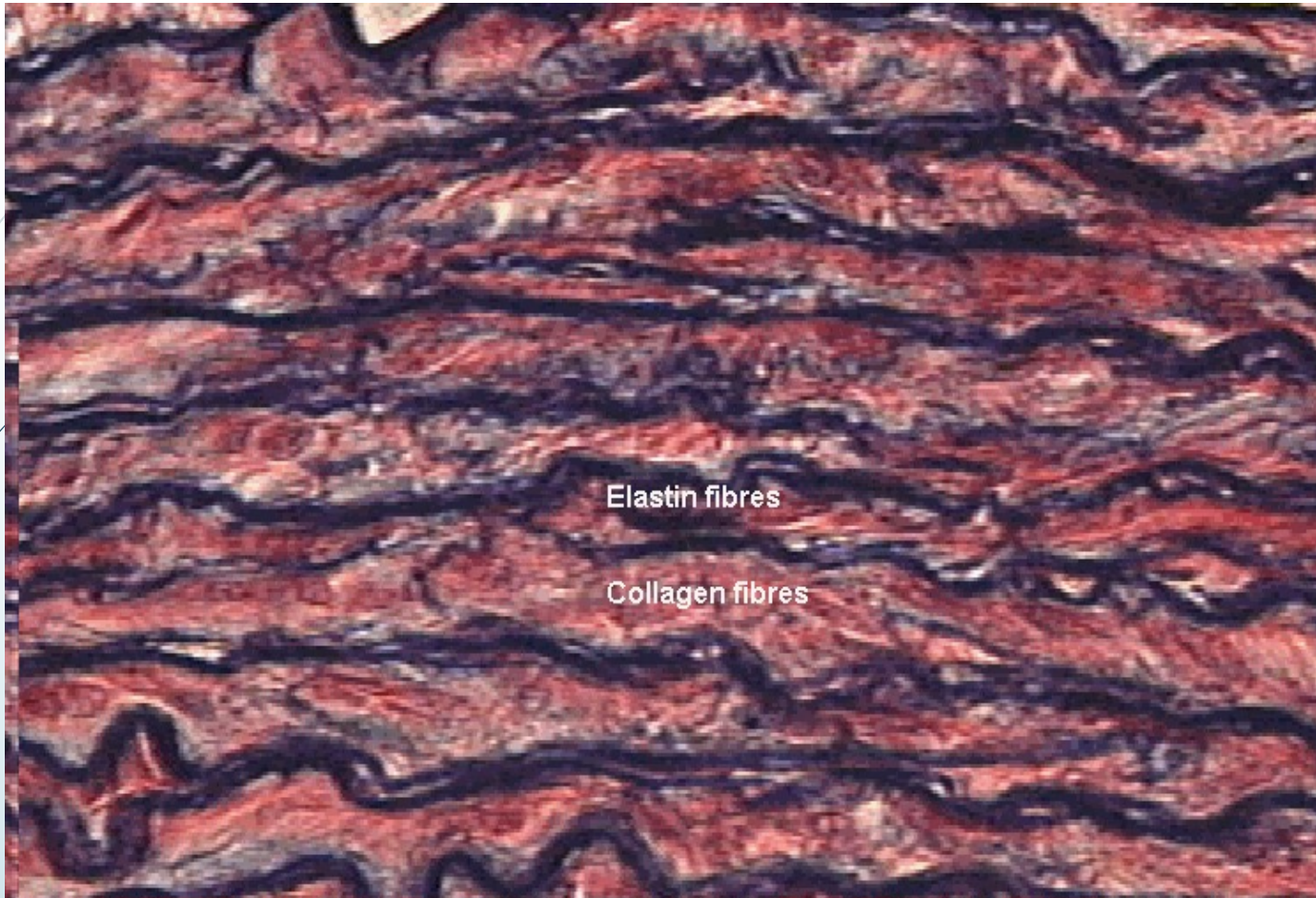


Elastic Fibers

Elastic Artery (Aorta)







Elastin fibres

Collagen fibres

