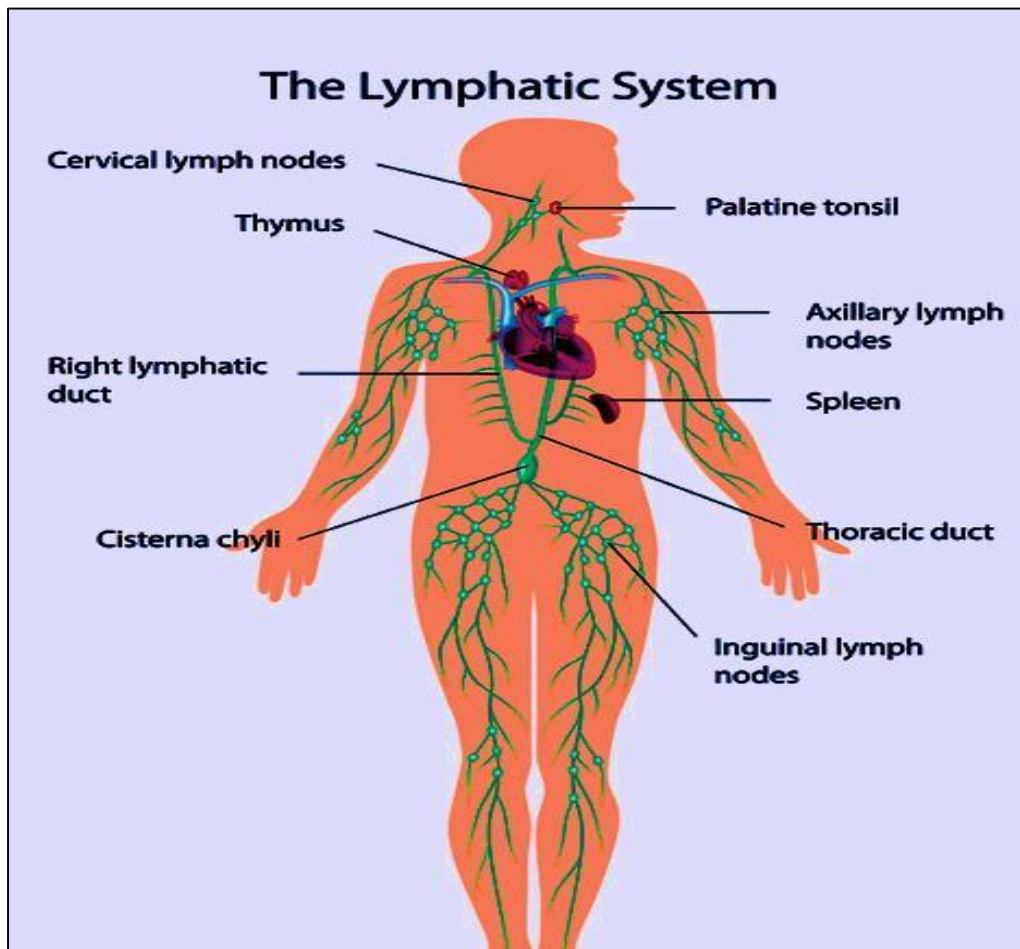


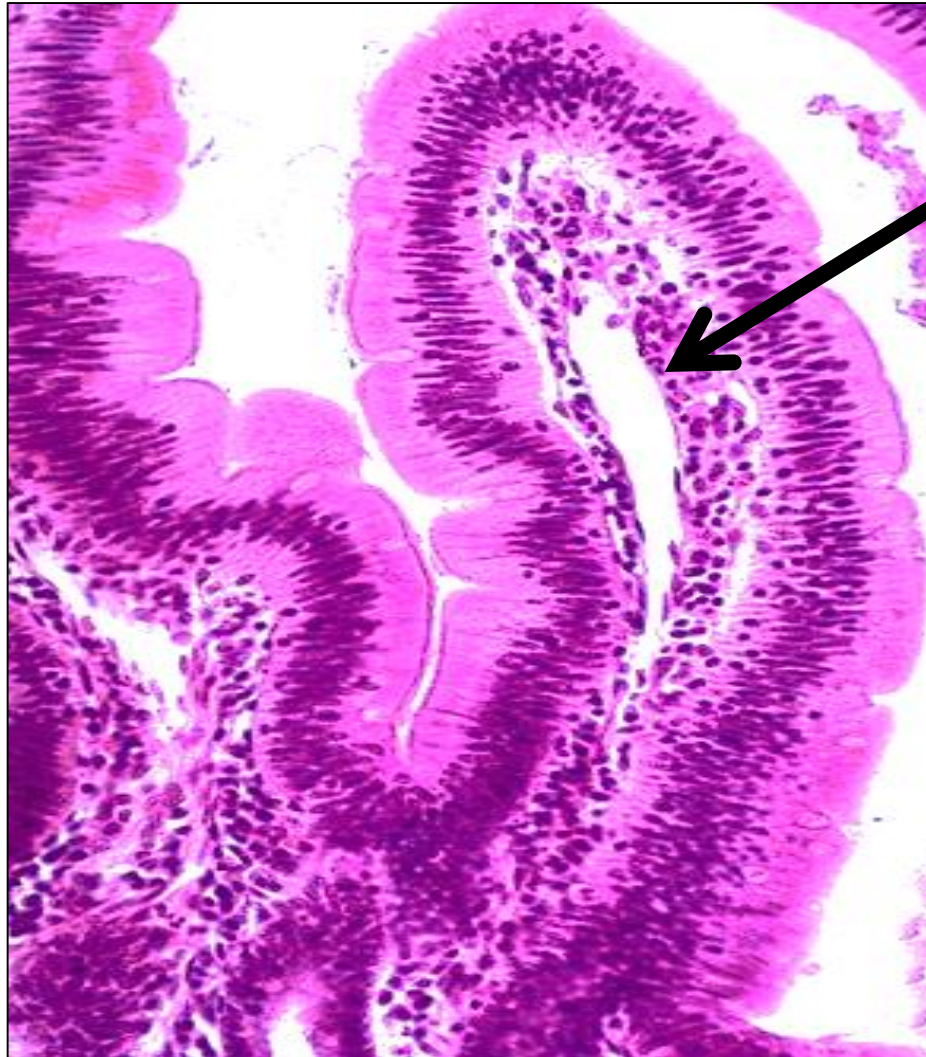
Lymphatic system practical slides

Professor Dr. Hala El-mazar

2022



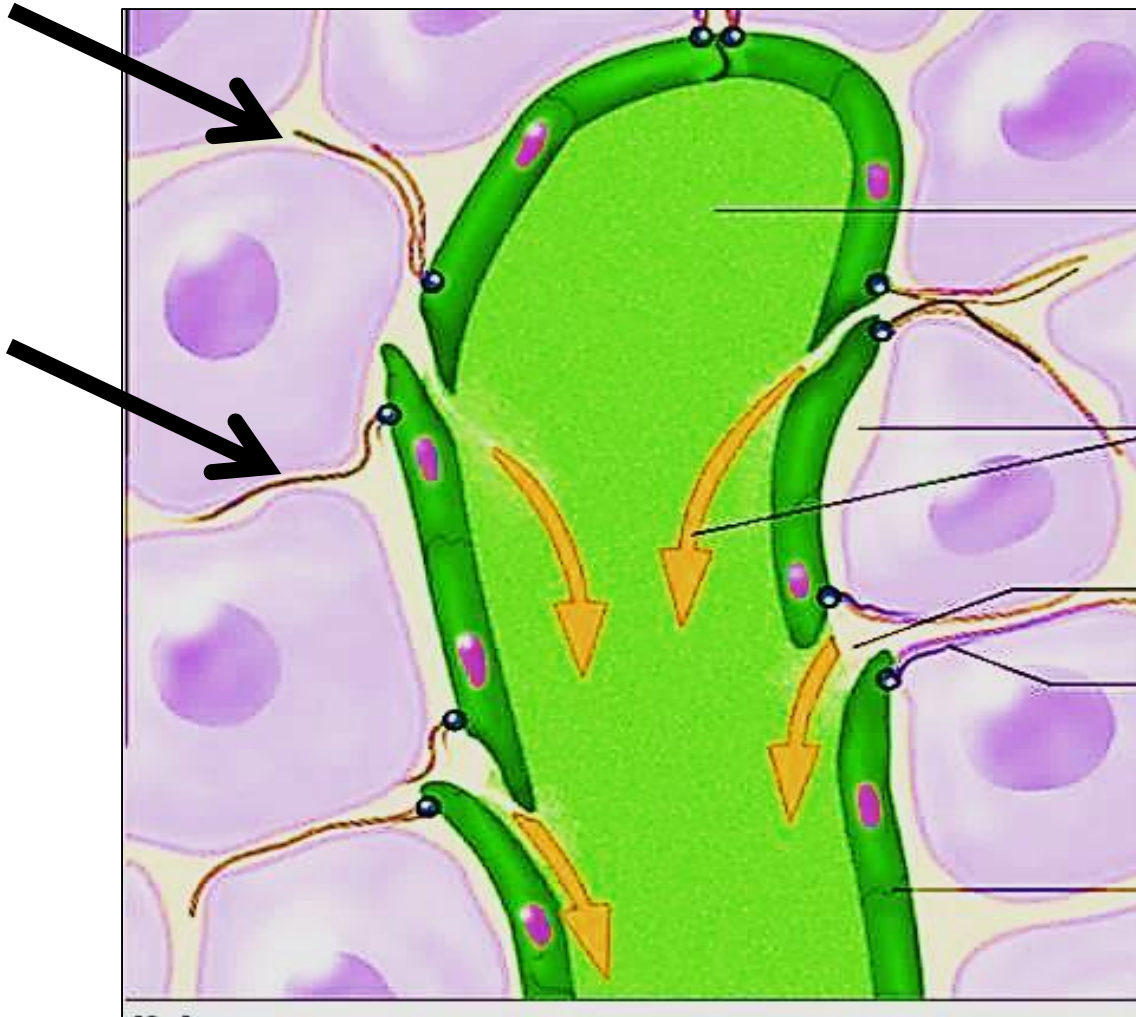
Small intestine/ villus/ lacteal



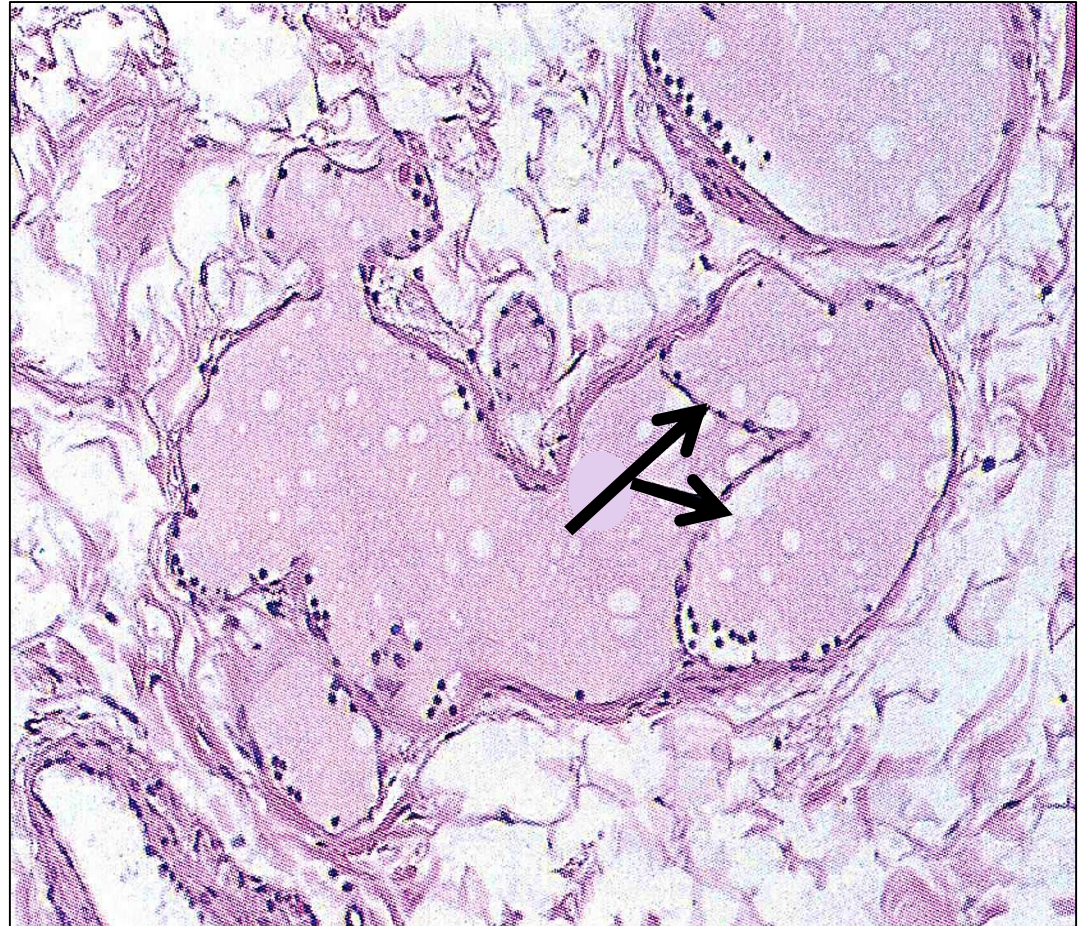
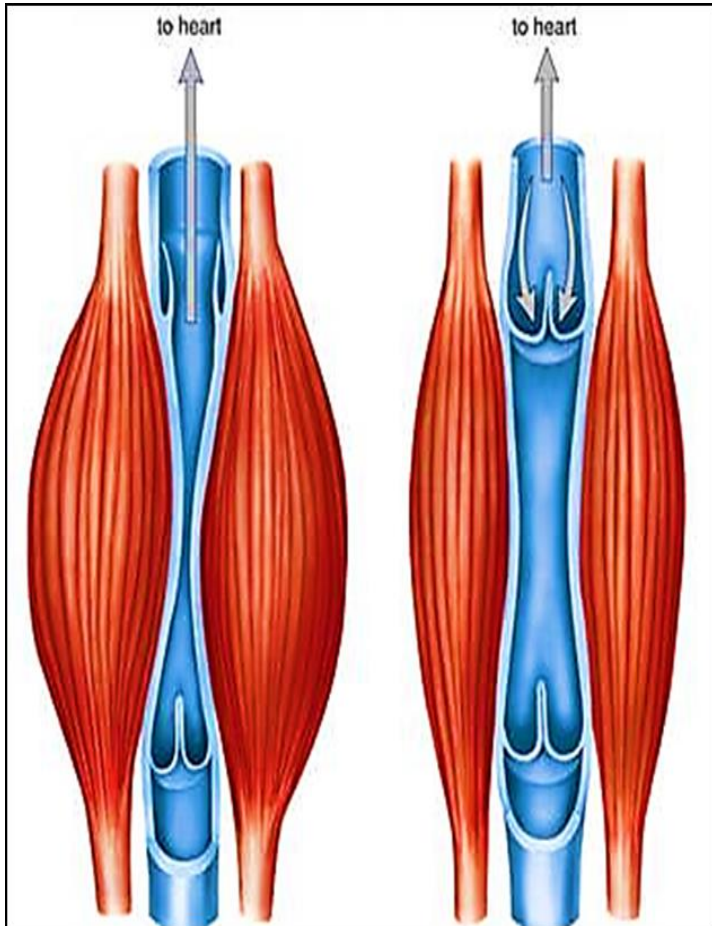
Lacteal
(lymphatic capillary)



Anchoring filaments



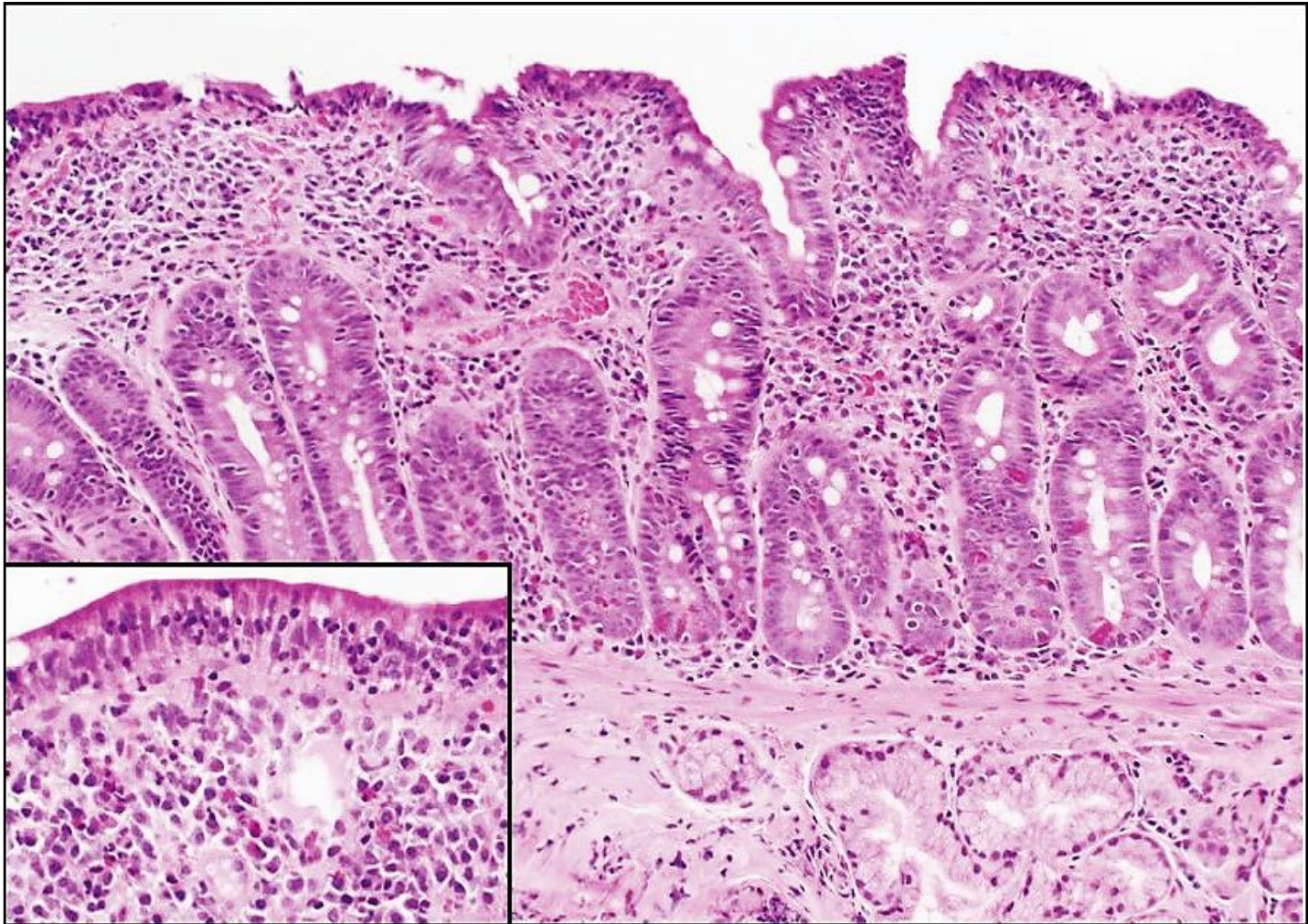
Section on lymphatic vessel showing bicuspid valve



Lymphatic vessels & bicuspid valves



Gut associated lymphoid tissue/ GALT/ diffuse lymphoid tissue

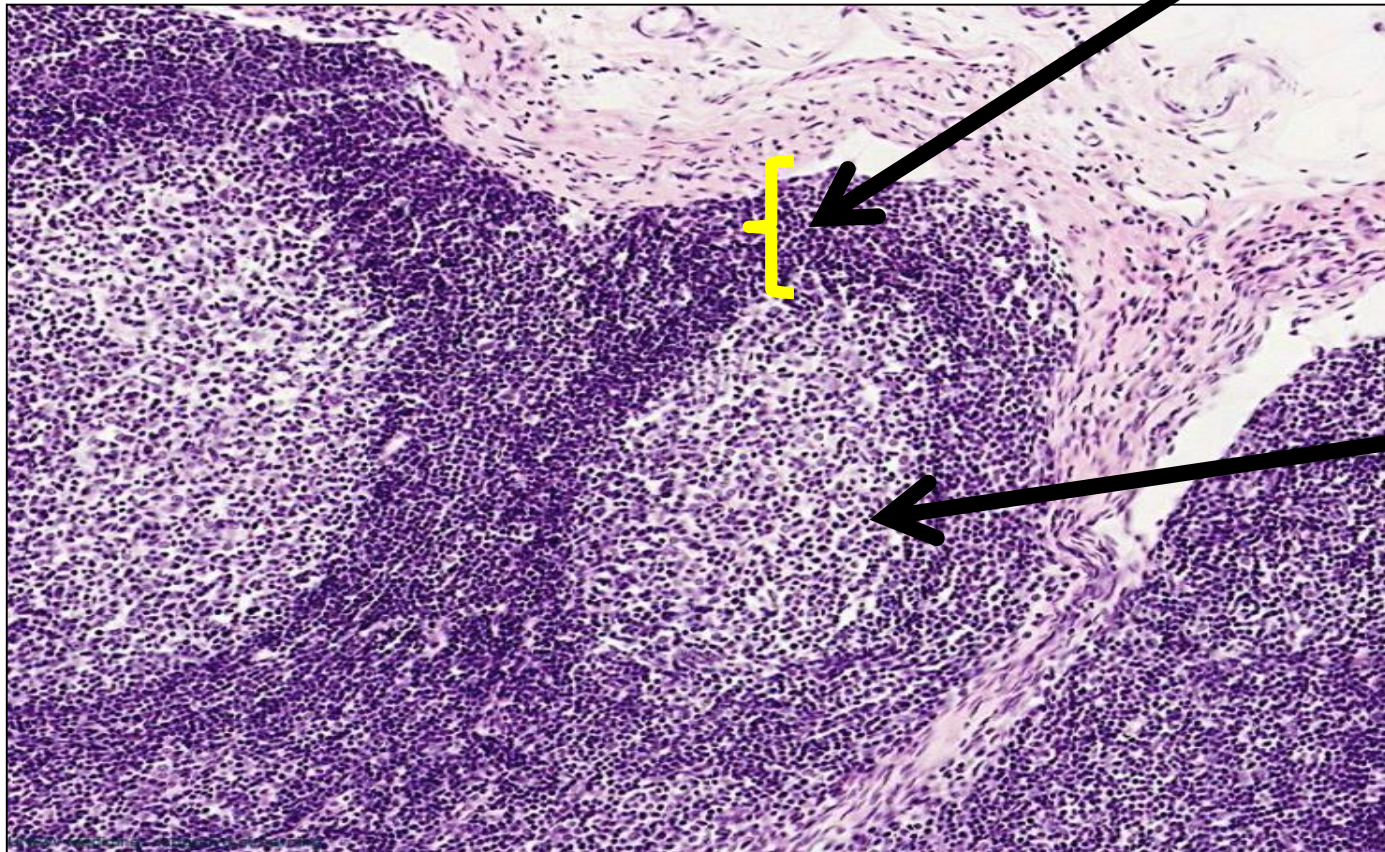


Esophagus / 1ry lymphatic nodule/ no germinal center



2ry lymphatic nodule with germinal center

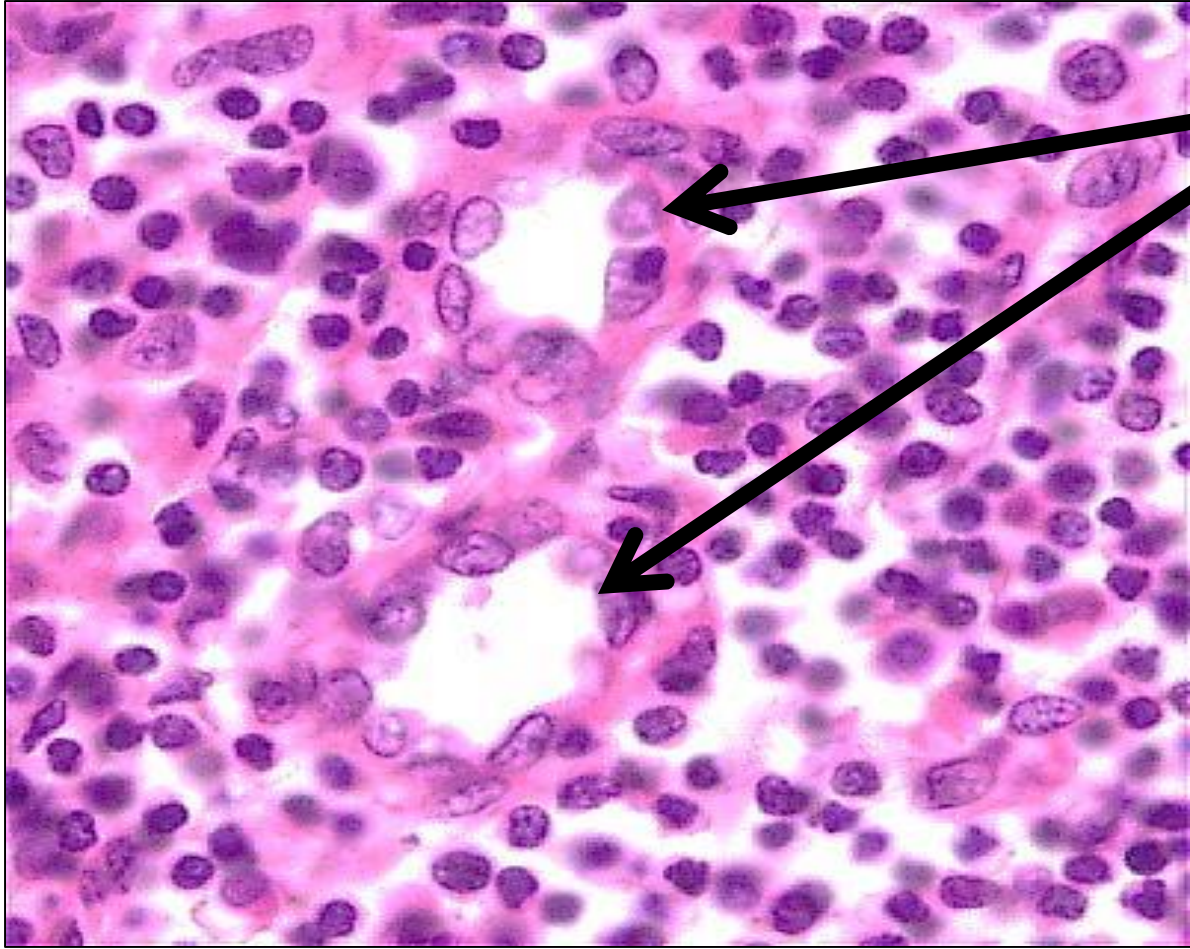
Mantel zone



Germinal center



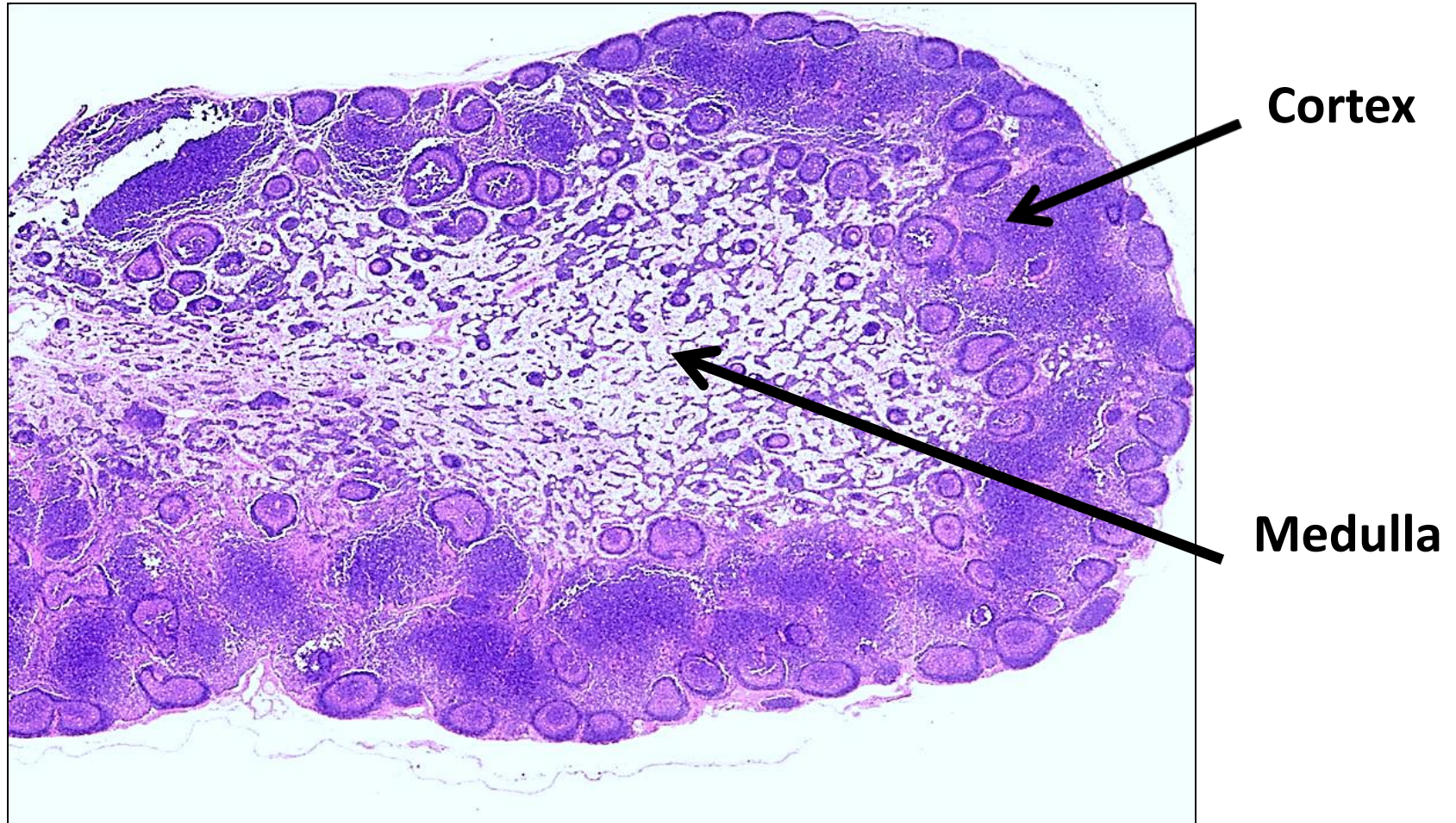
High endothelial venule



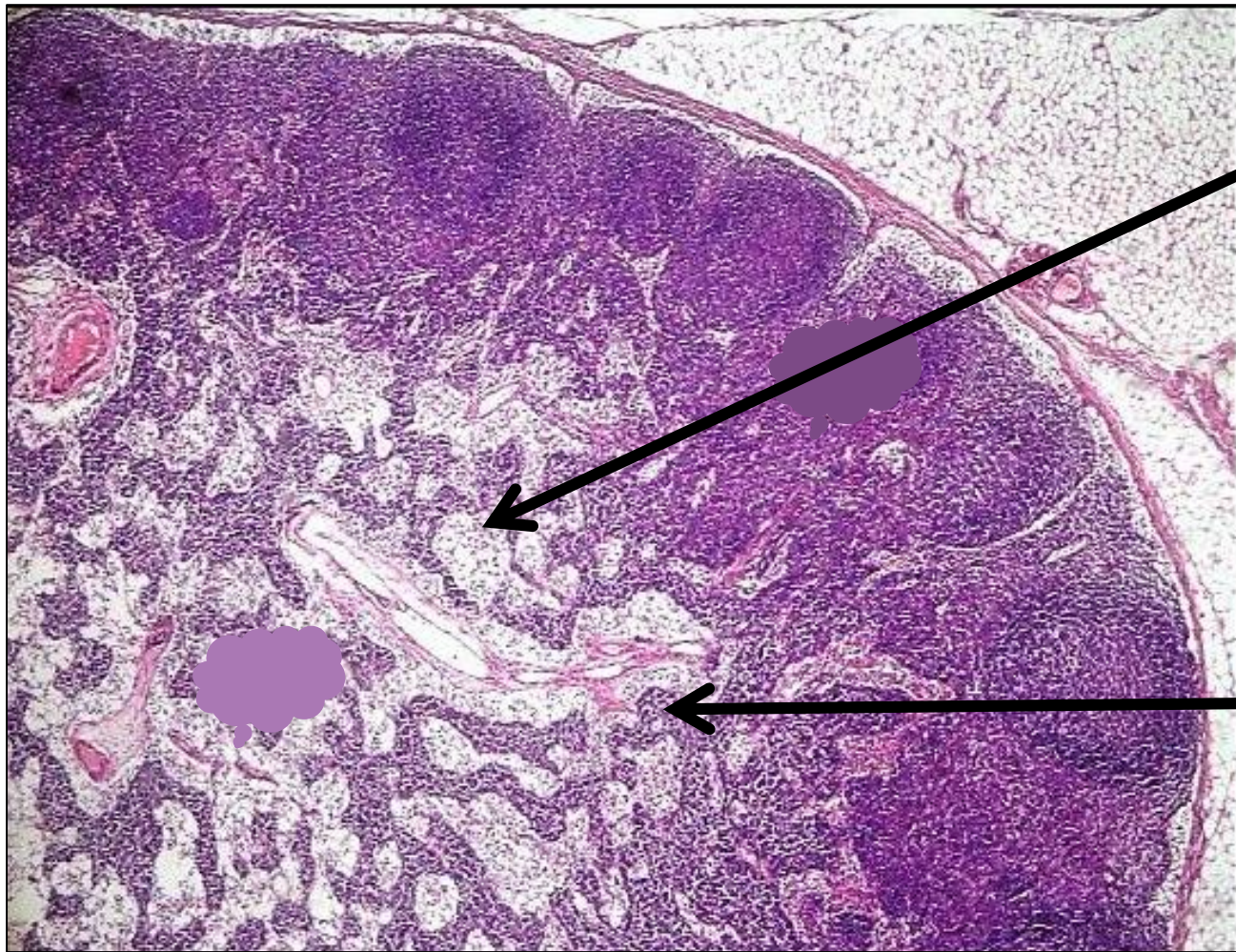
The lining epithelium is cuboidal rather than the usual flat squamous



Section in Lymph node



Section in Lymph node showing medullary cords & sinuses



Medullary sinuses

Medullary cord



Palatine tonsil



Non- K stratified
squamous
epithelium

Palatine tonsil

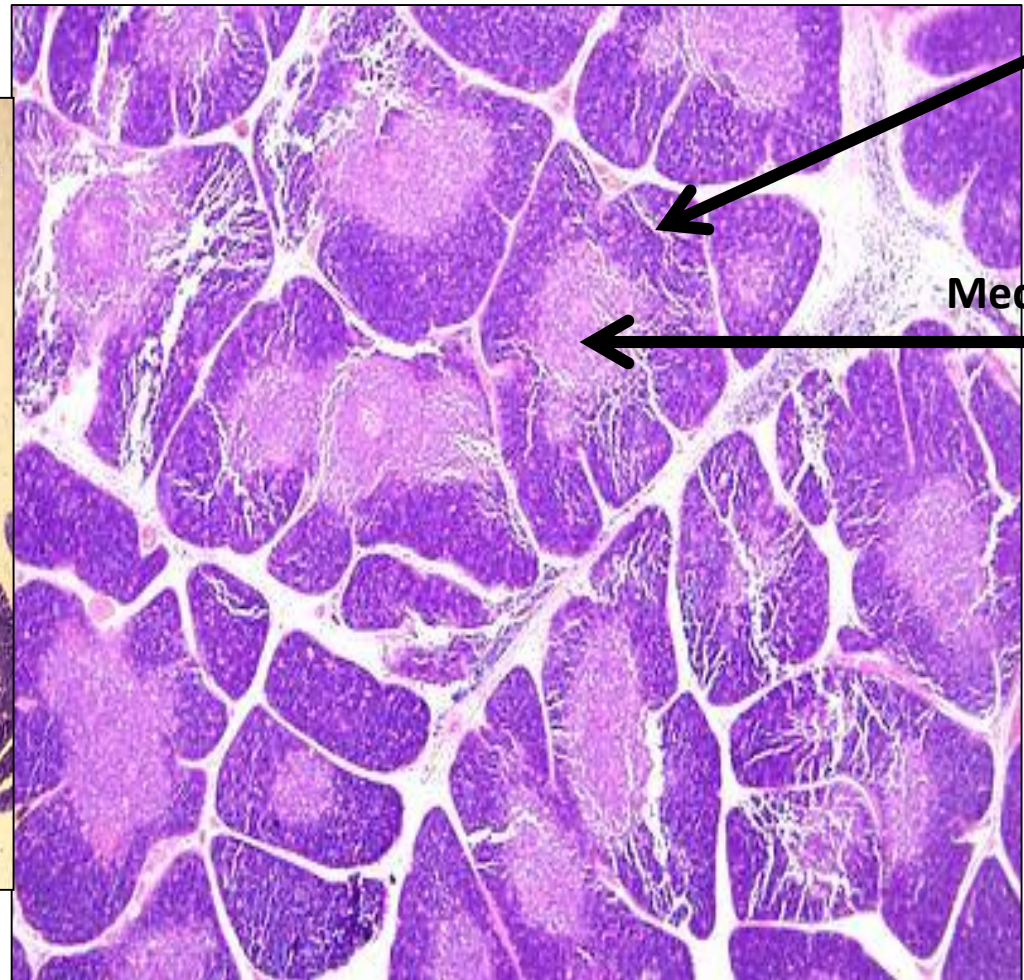


Tonsillar crypt

Lymphoid nodules



Thymus/ lymphoid organ/ gland

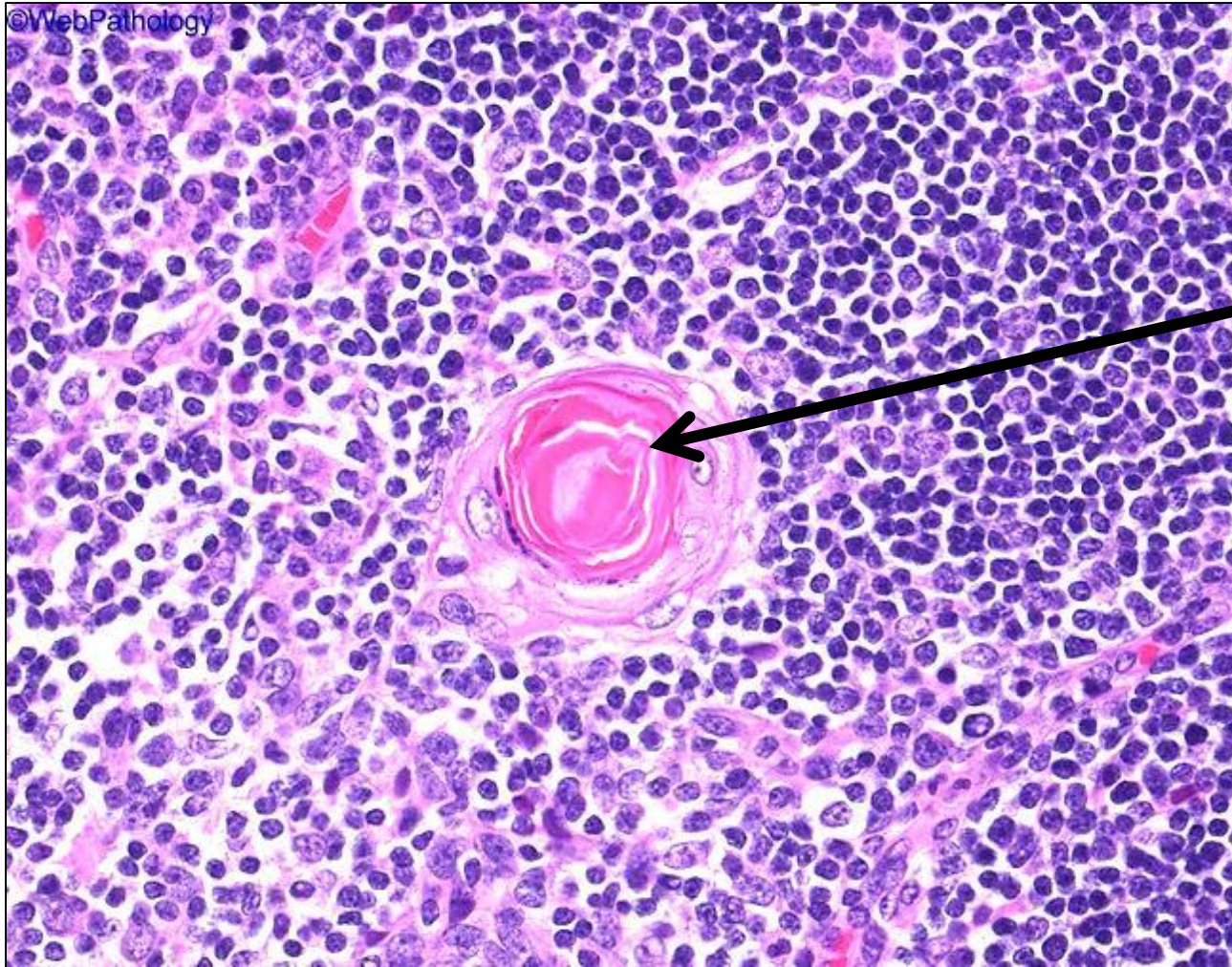


Cortex

Medulla



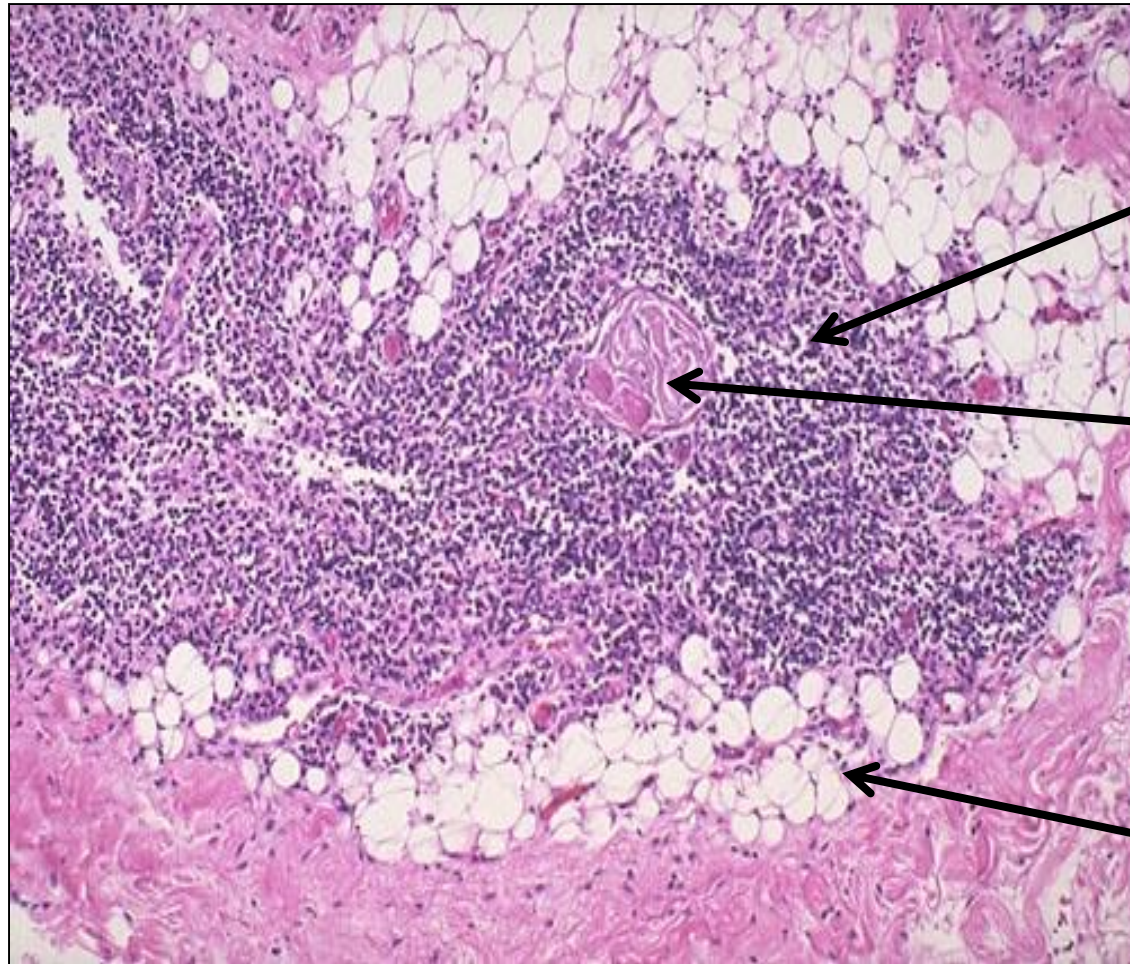
Thymus/ Hassall's corpuscle



Acidophilic mass of degenerated reticular cells , surrounded By concentric layers of epithelial reticular cells



Adult thymus (involuting)



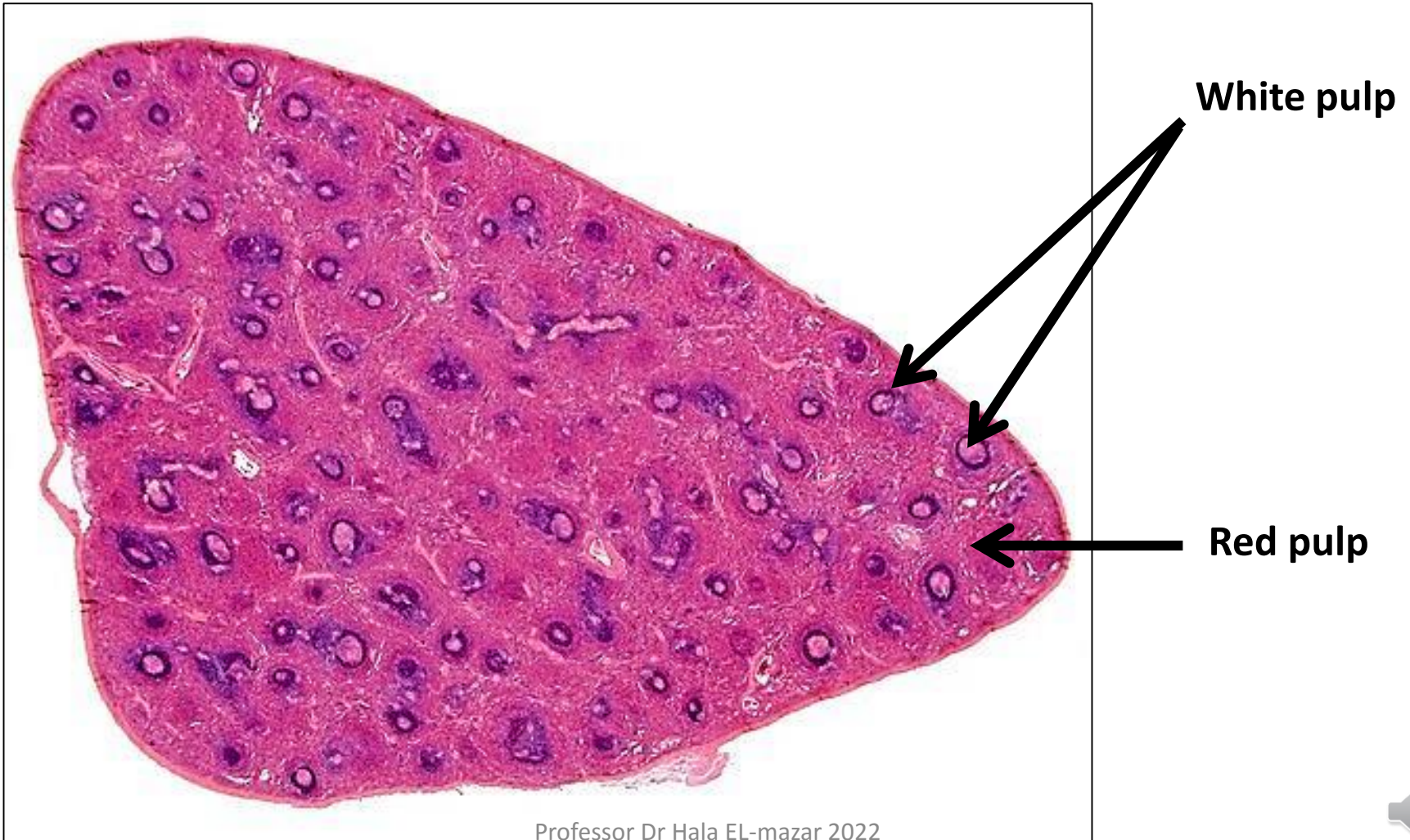
Remnant of thymic tissue

Hassall's corpuscles

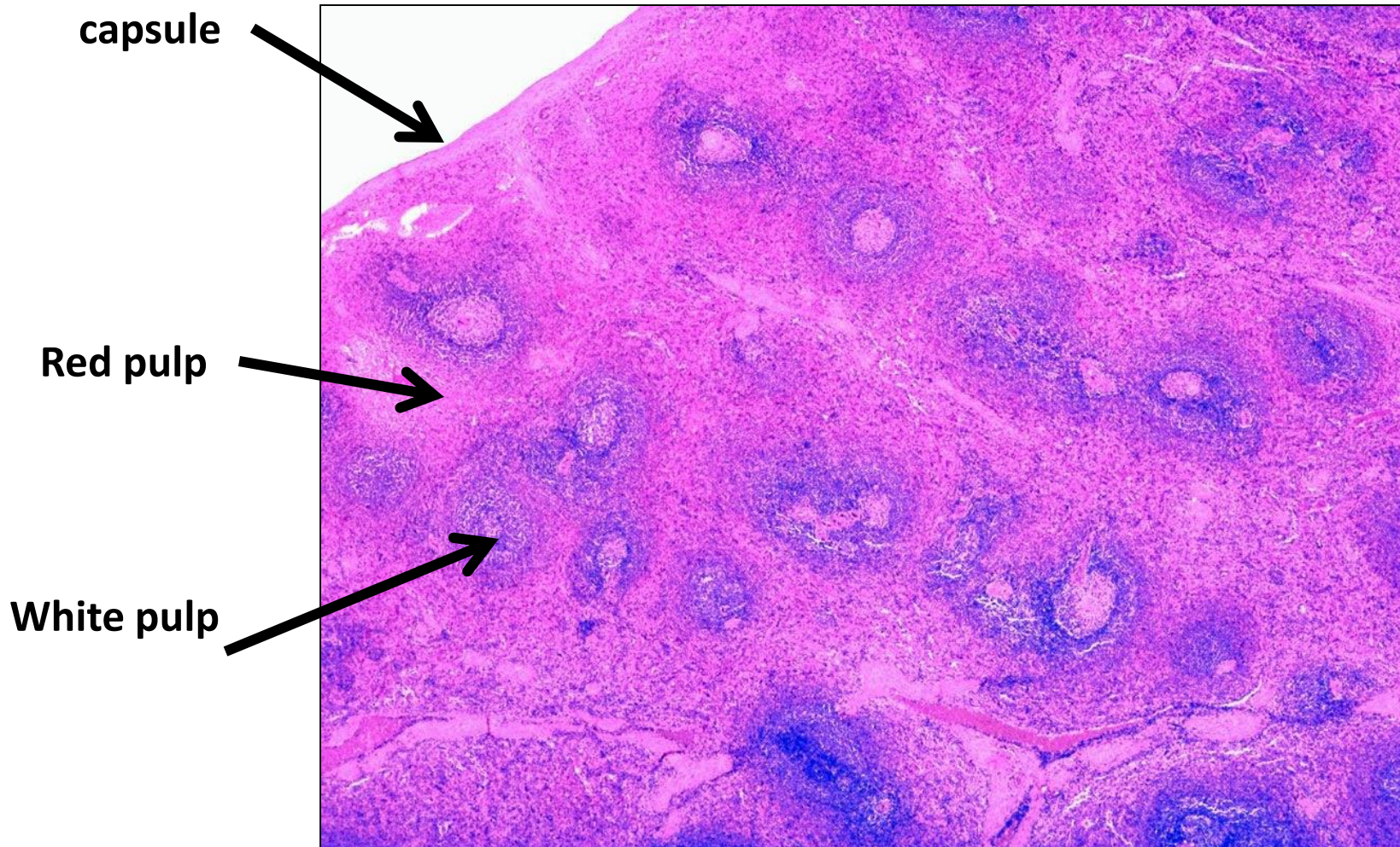
Fatty tissue



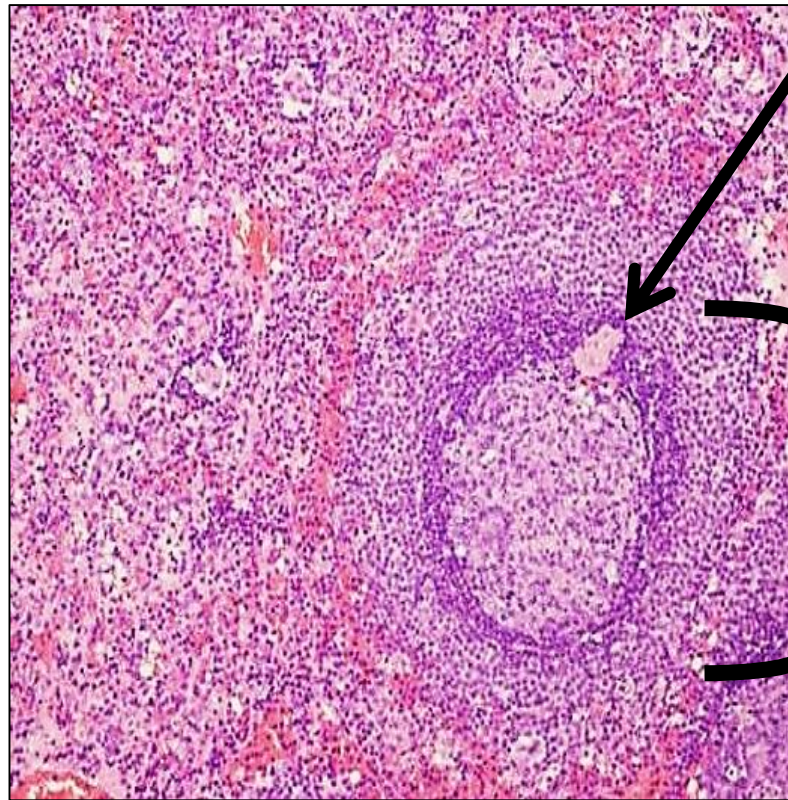
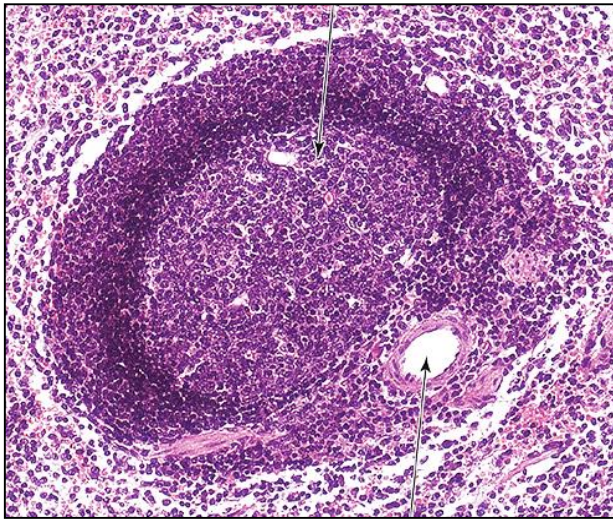
Spleen showing white & red pulps



Spleen



Splenic nodule



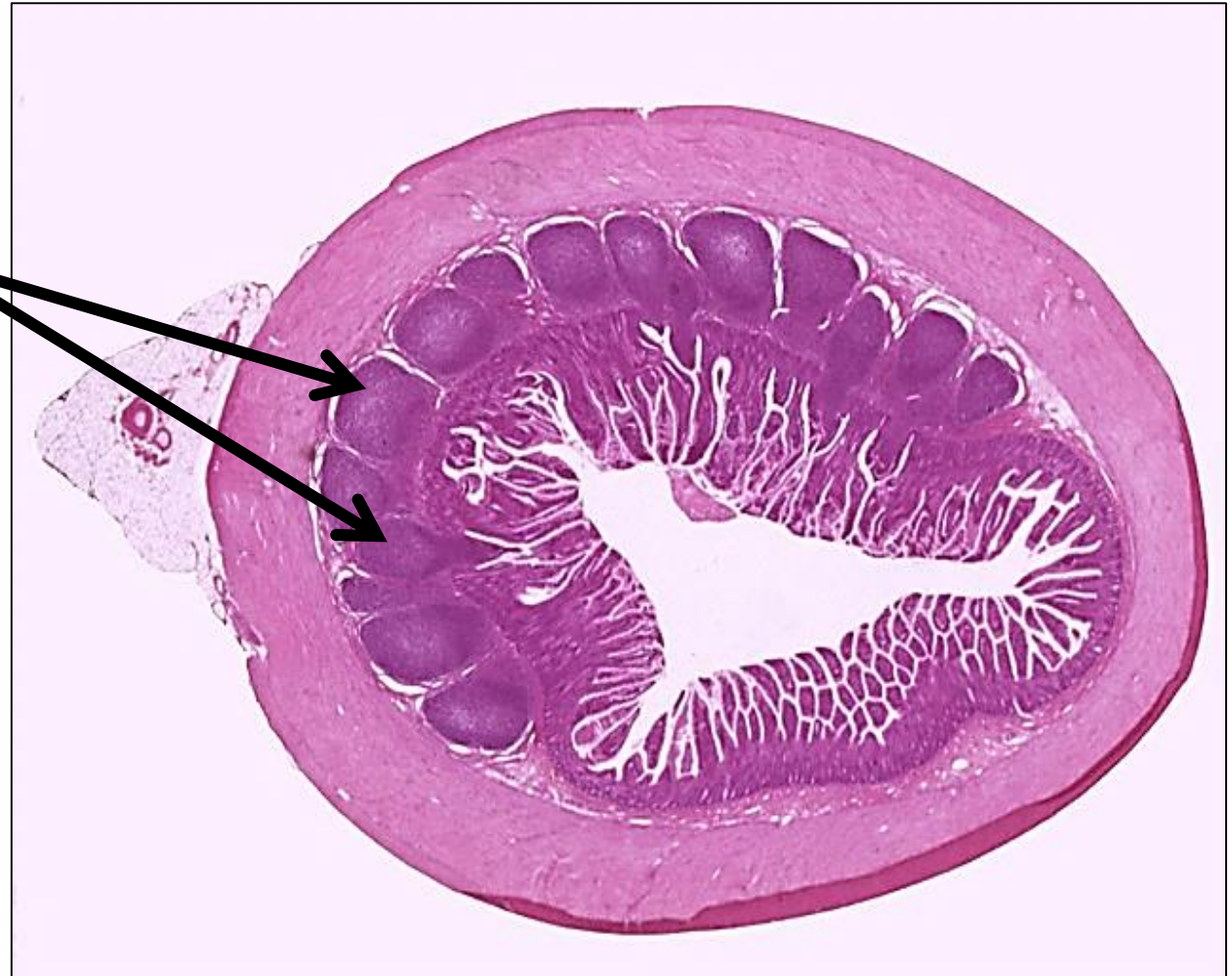
Central arteriole

White pulp
composed of
lymphoid
aggregates
surrounded with
red pulp

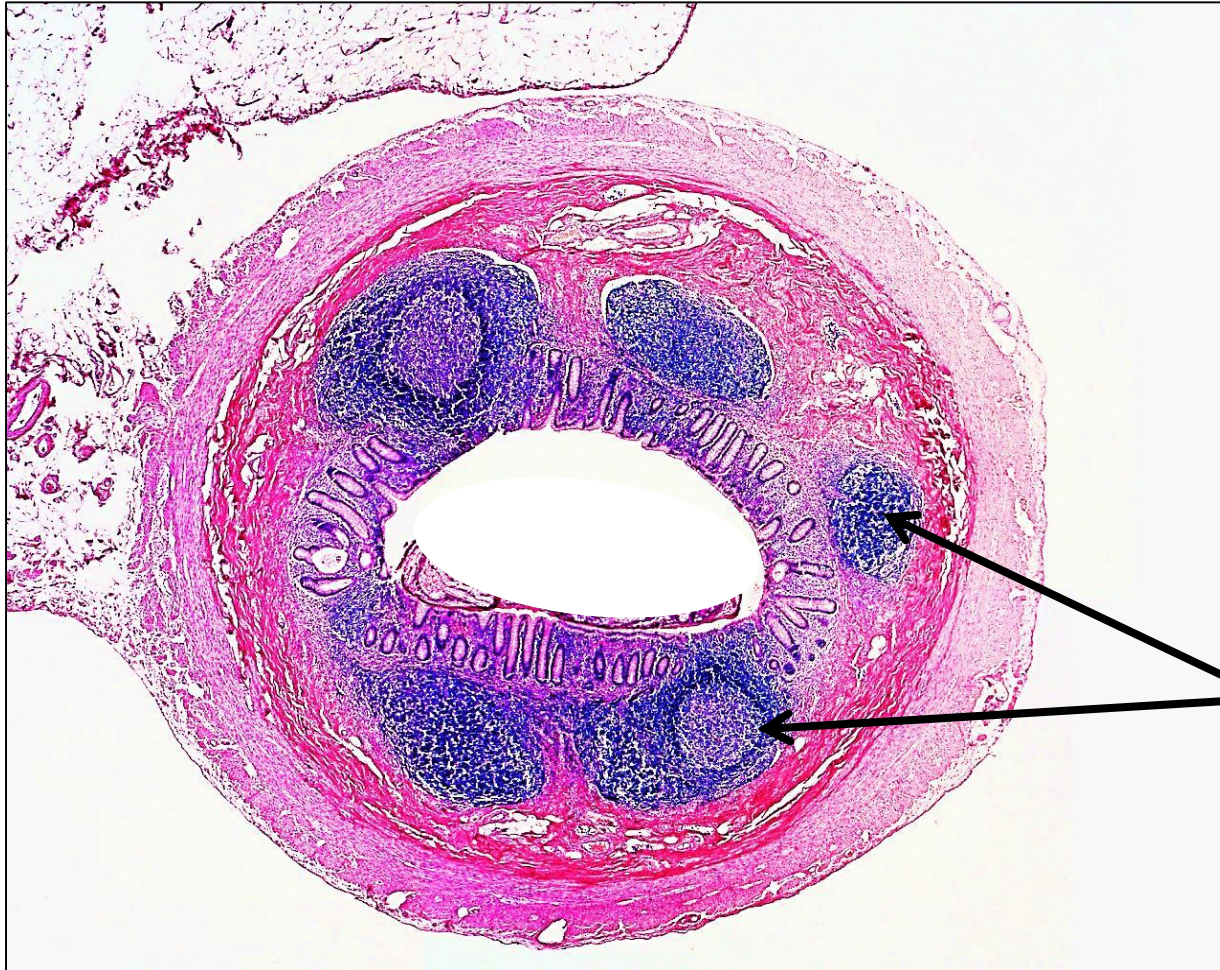


MALT/ mucosa associated lymphoid tissue/ ileum

Peyer's patches



MALT/ Appendix



Lymphoid follicles



Thank you

