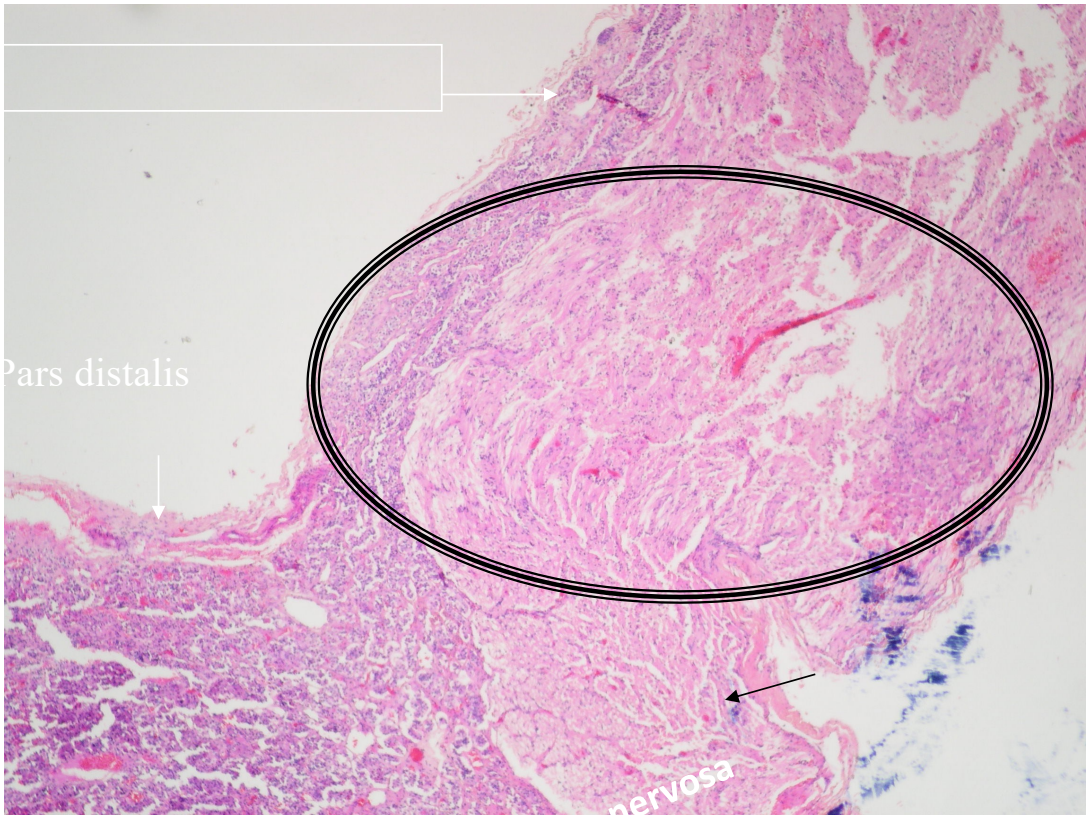
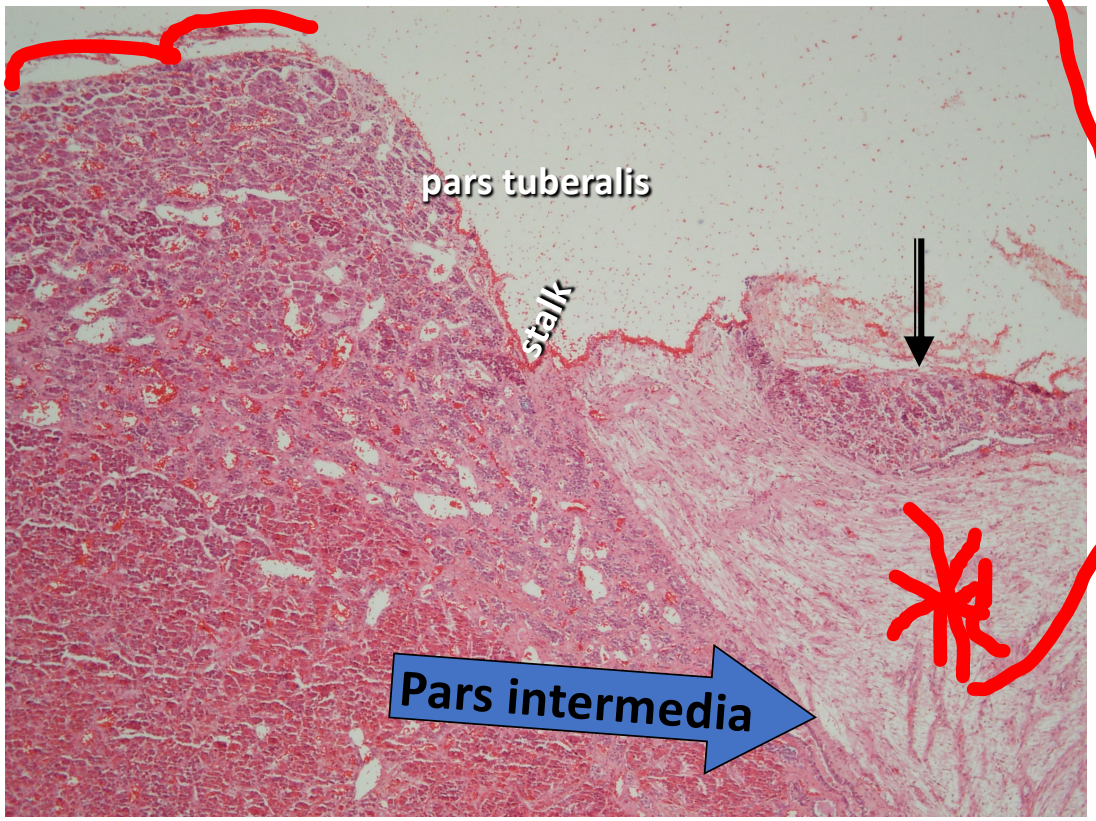
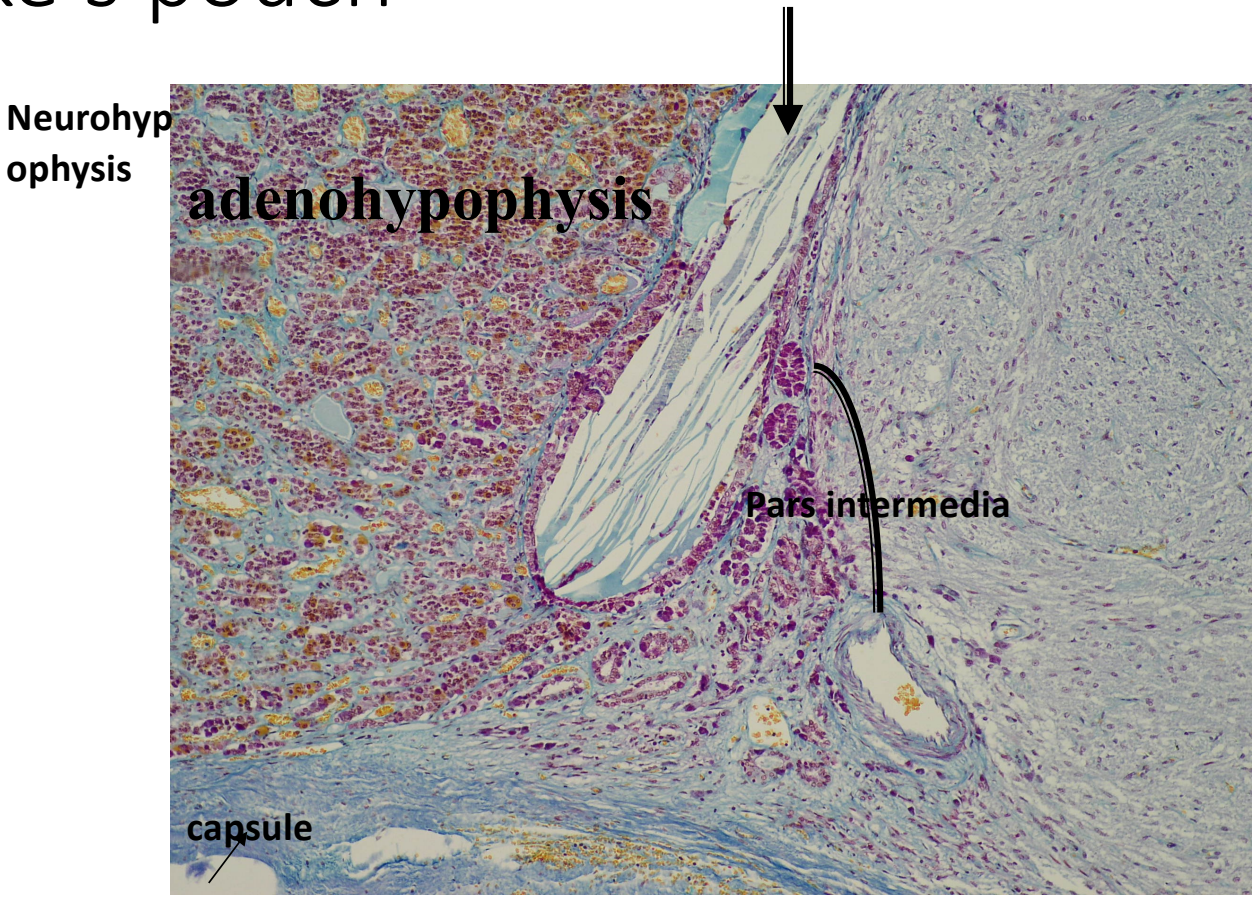
Hypophyseal stalk



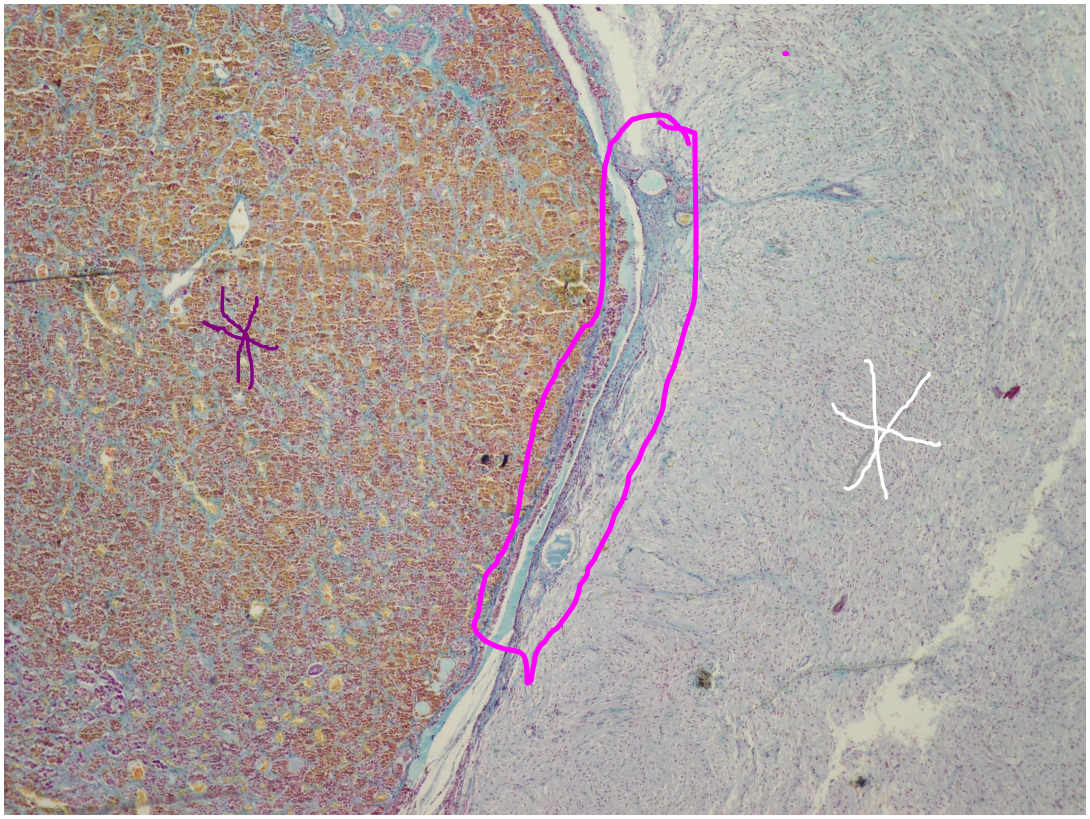
Pars distalis Pars nervosa



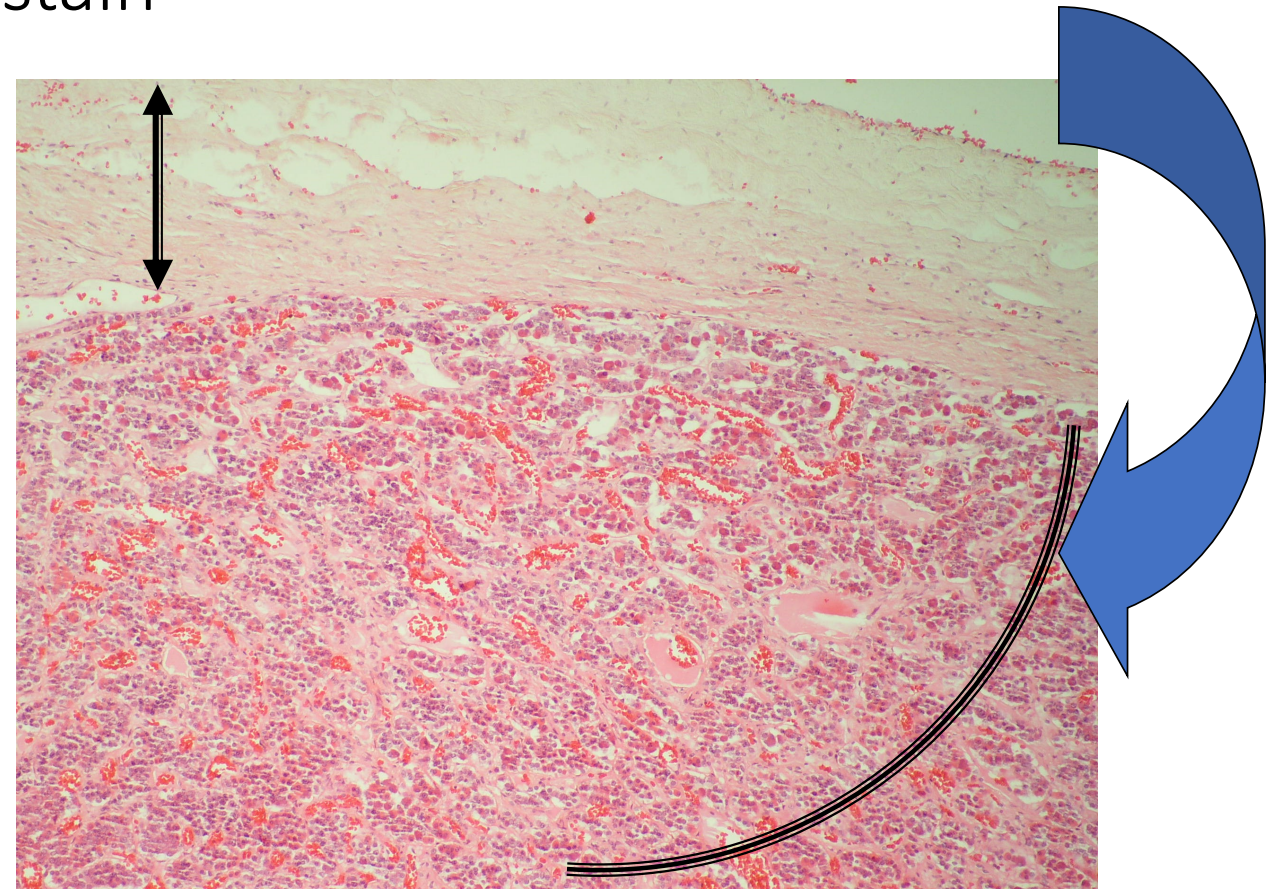
Rathke's pouch

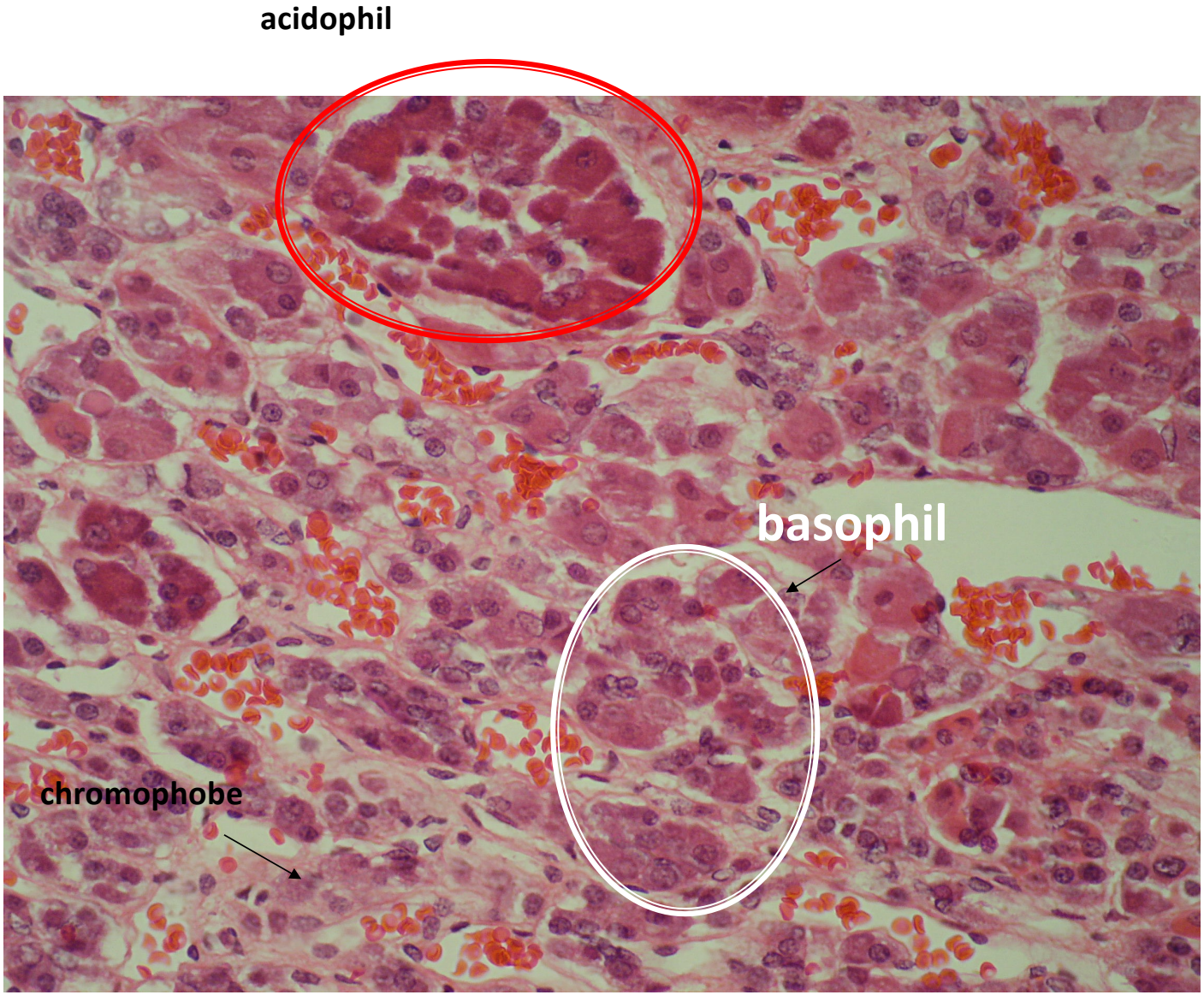


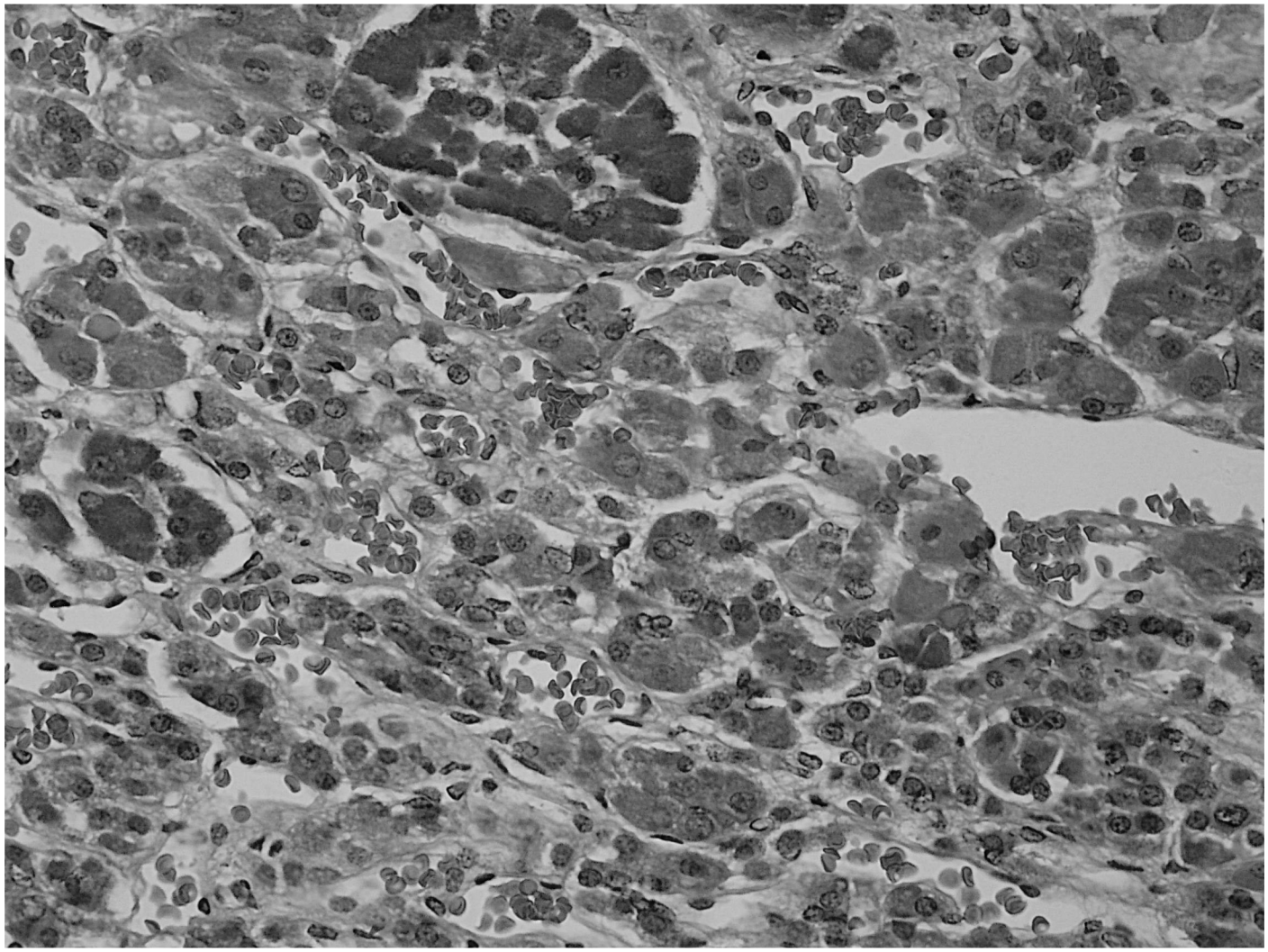
P.distalis P.intermedia P.nervosa
(**Pearse trichrome** stain)



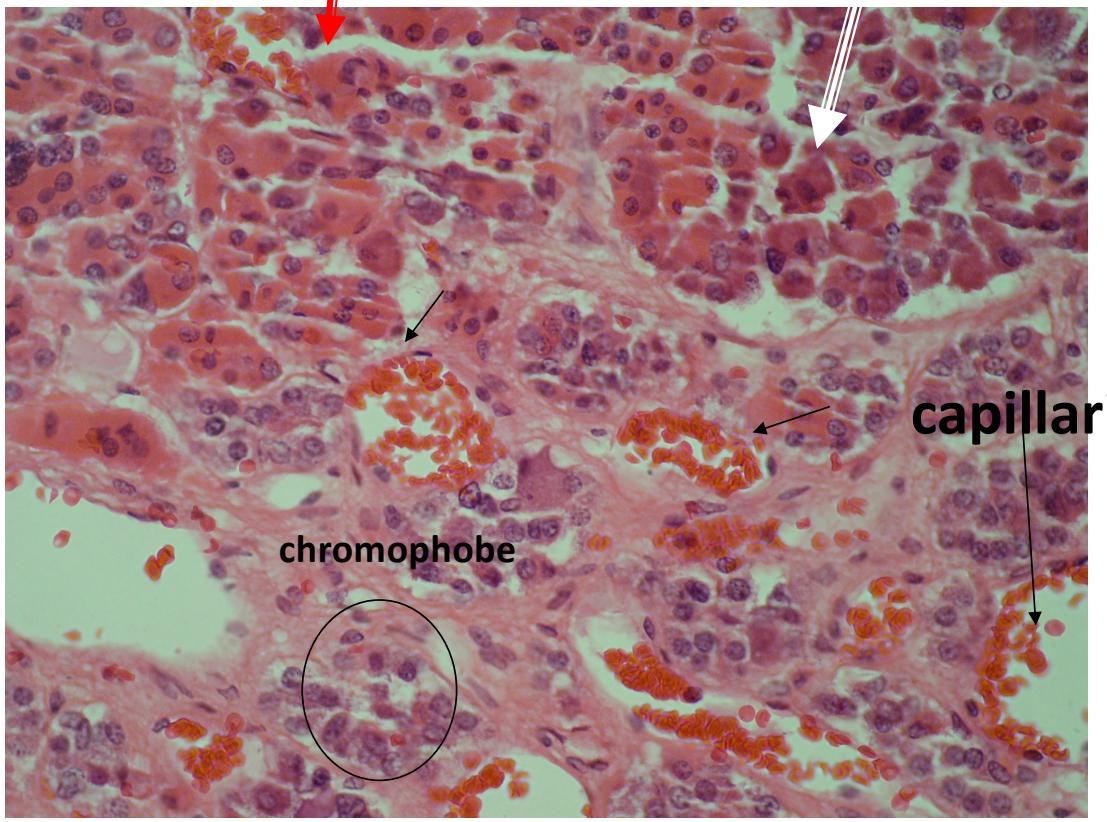
Capsule – adenohypophysis
H&E stain

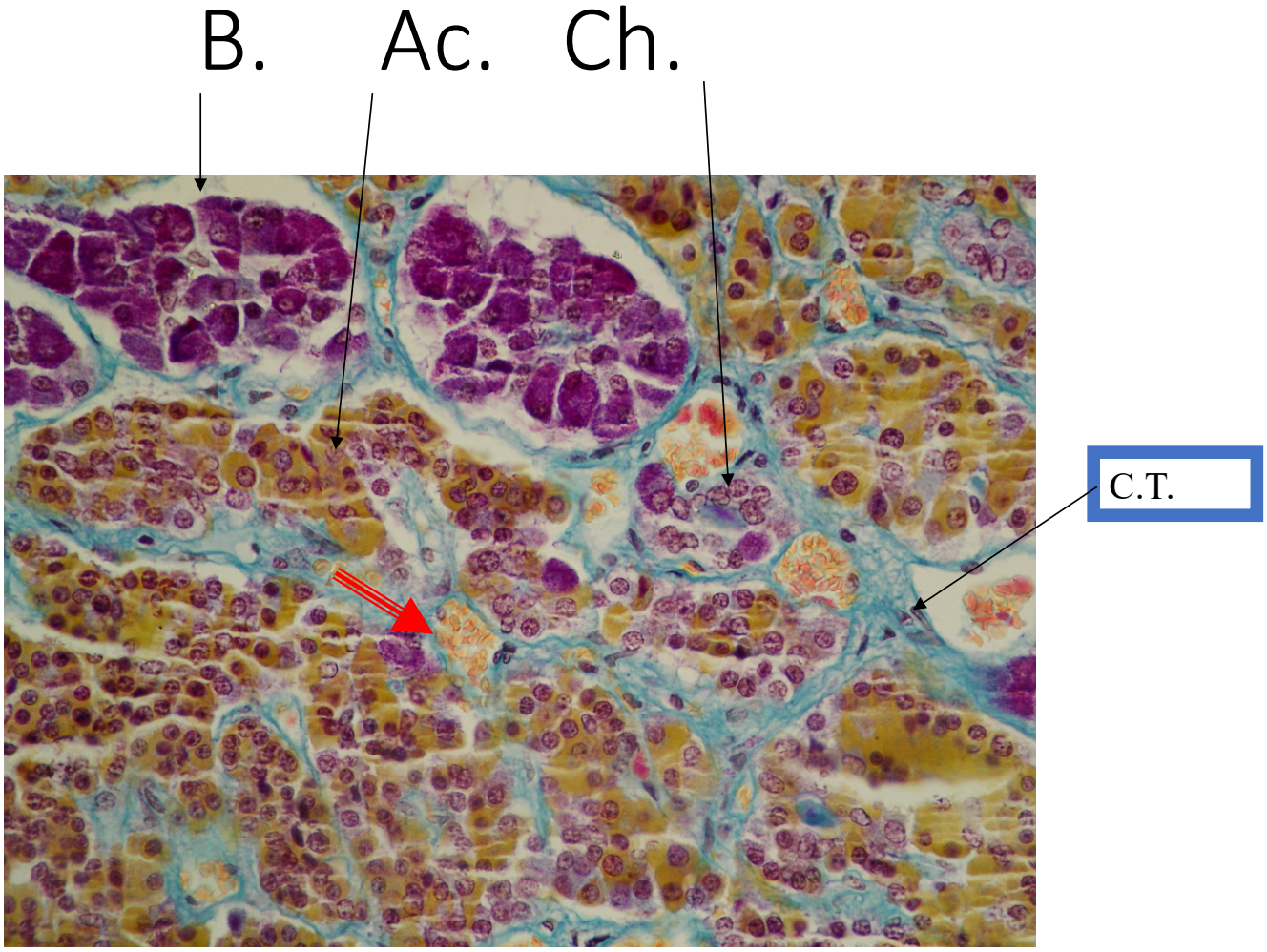



acidophil
basophil
chromophobe

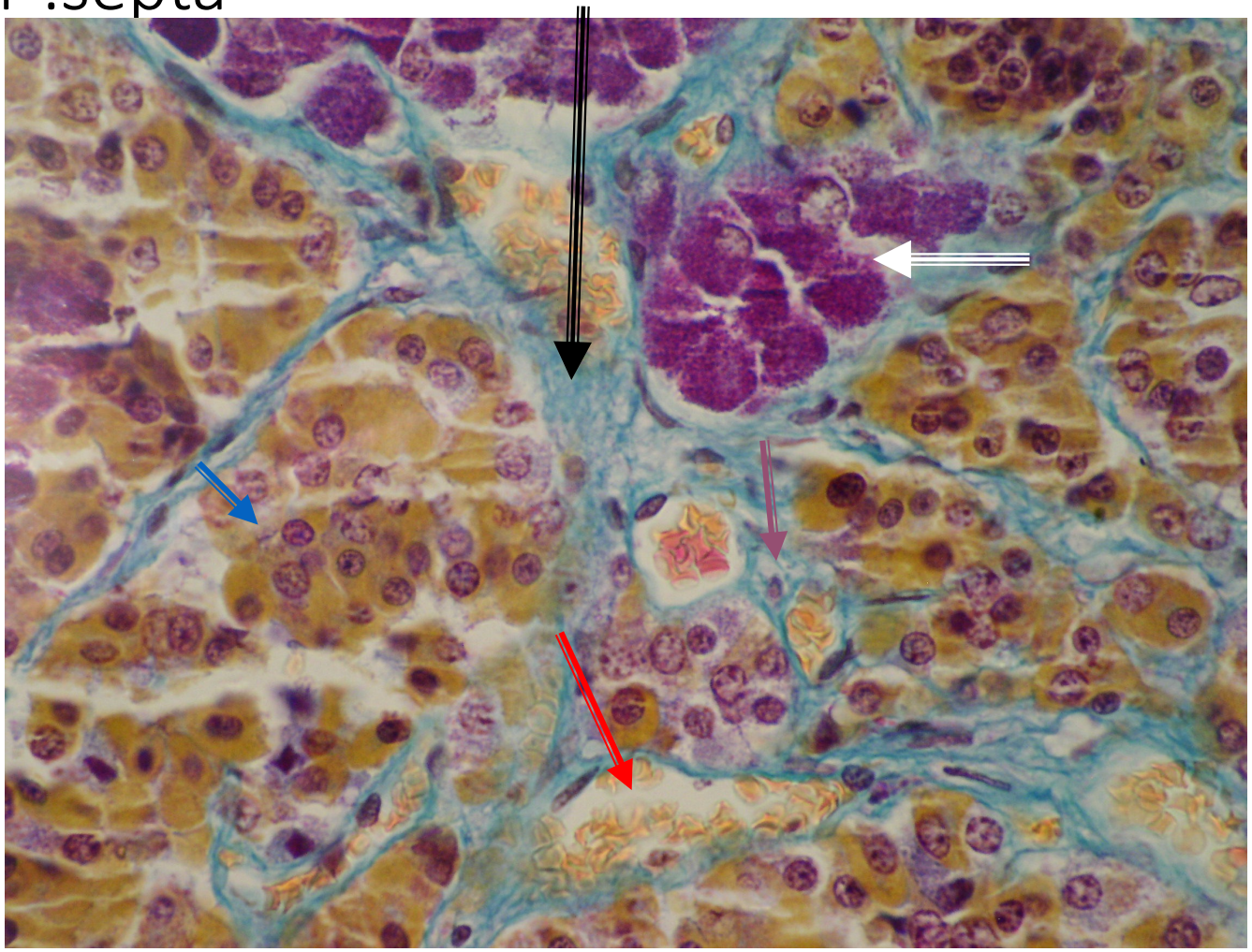


Acidophil basophil

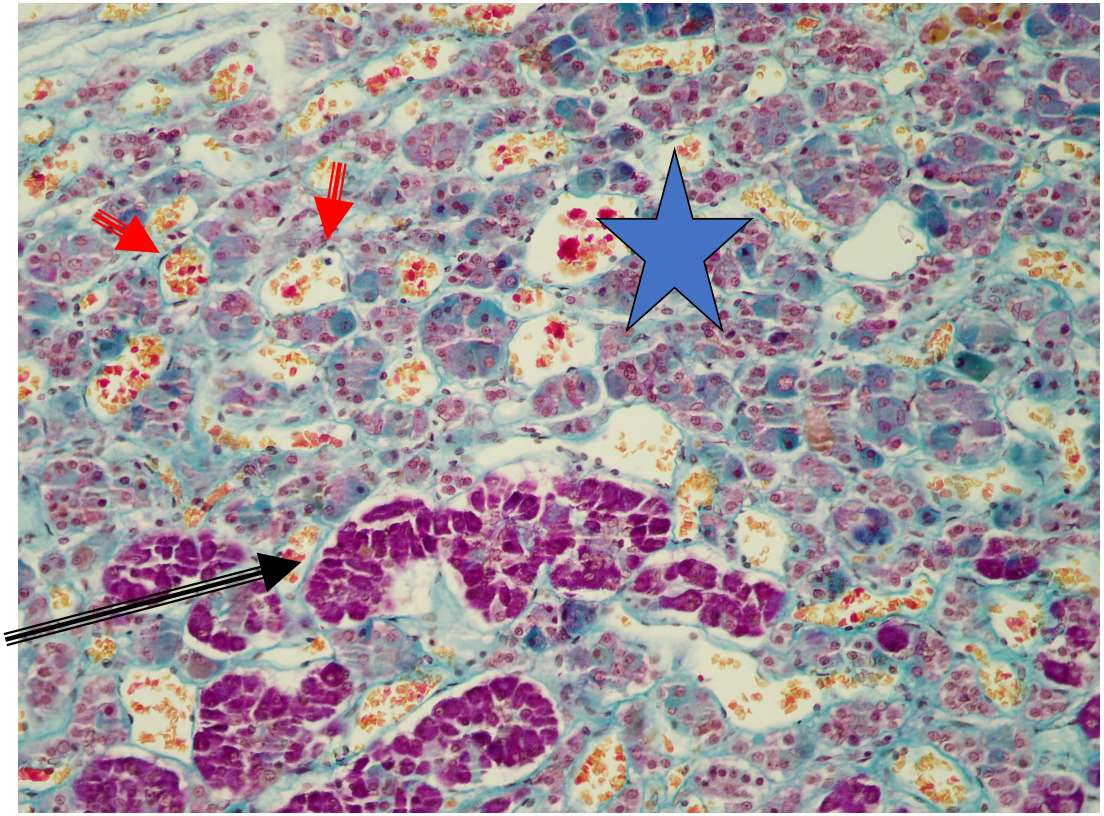



B.
Ac.
Ch.
C.T.

C.T .septa



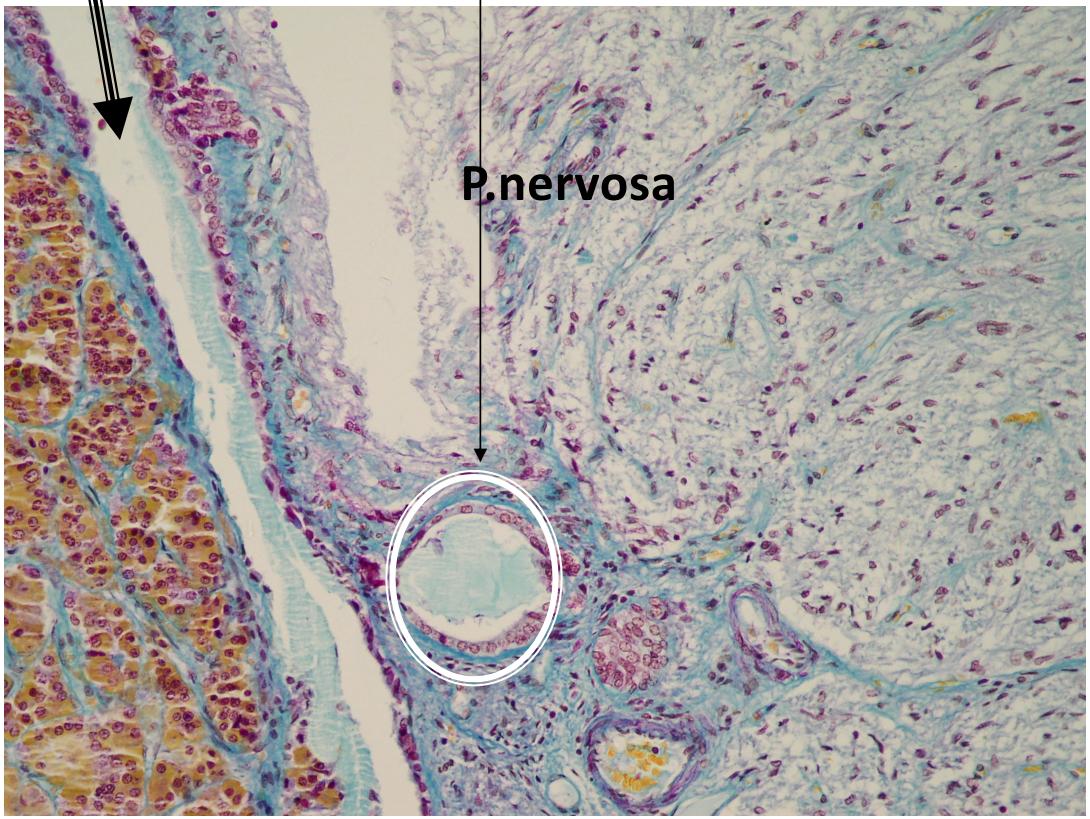
Chromophobe



basophil

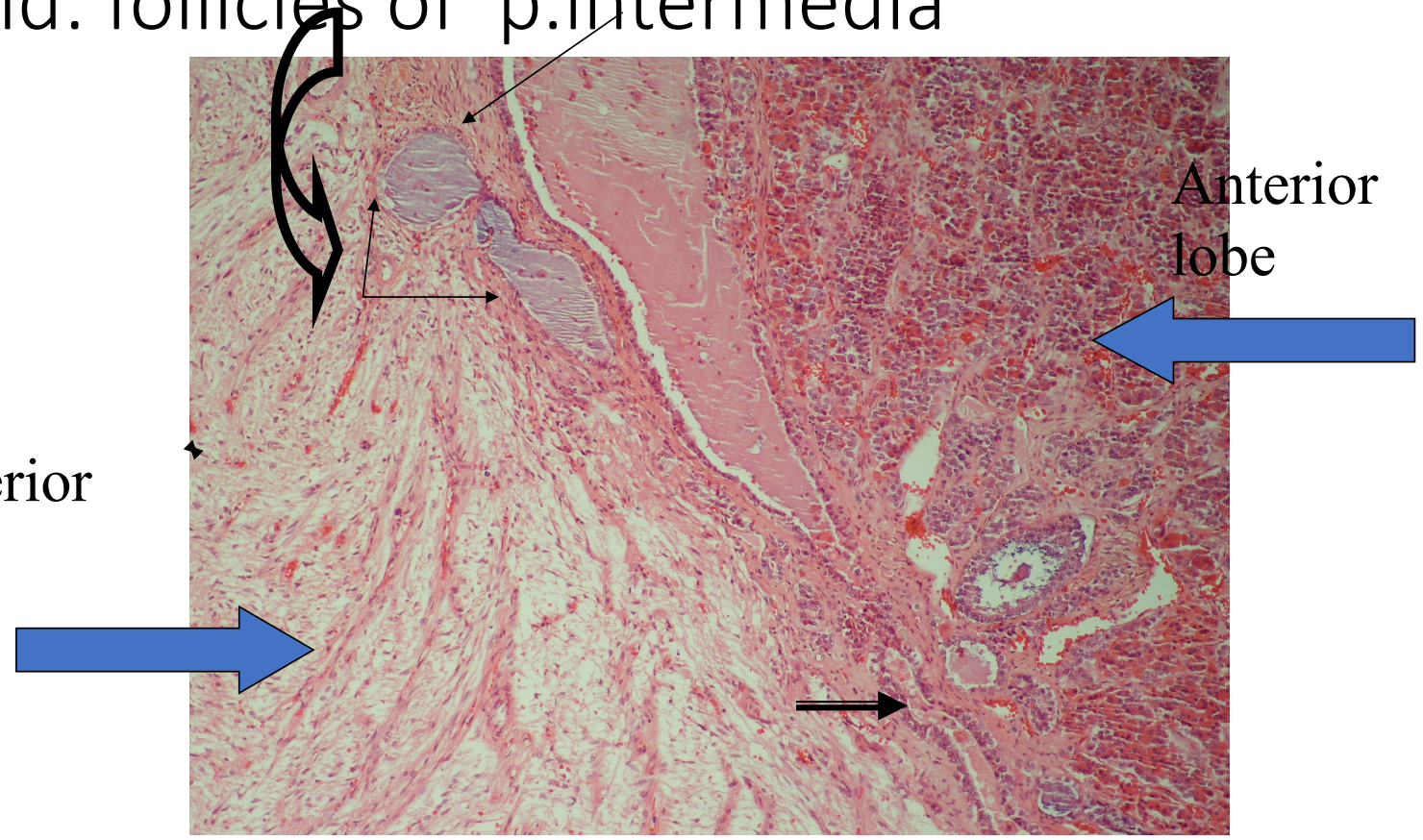
Rathke's pouch

follicles of p.intermedia

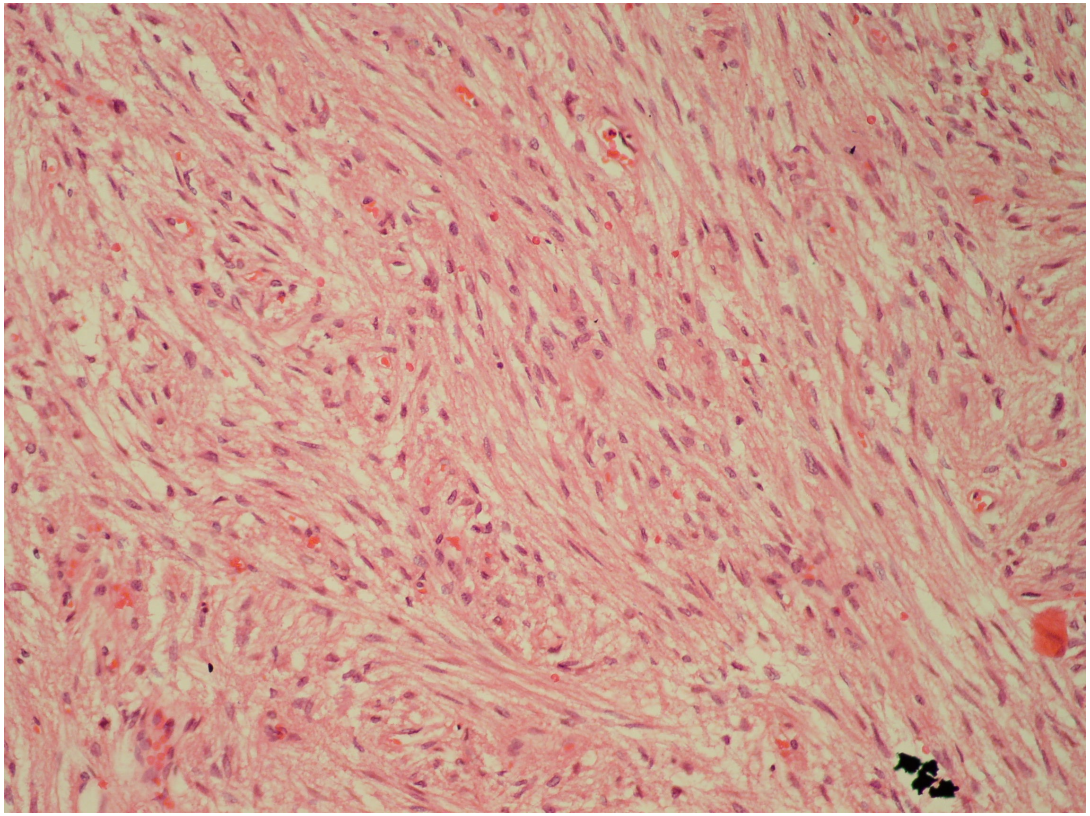


P.distalis

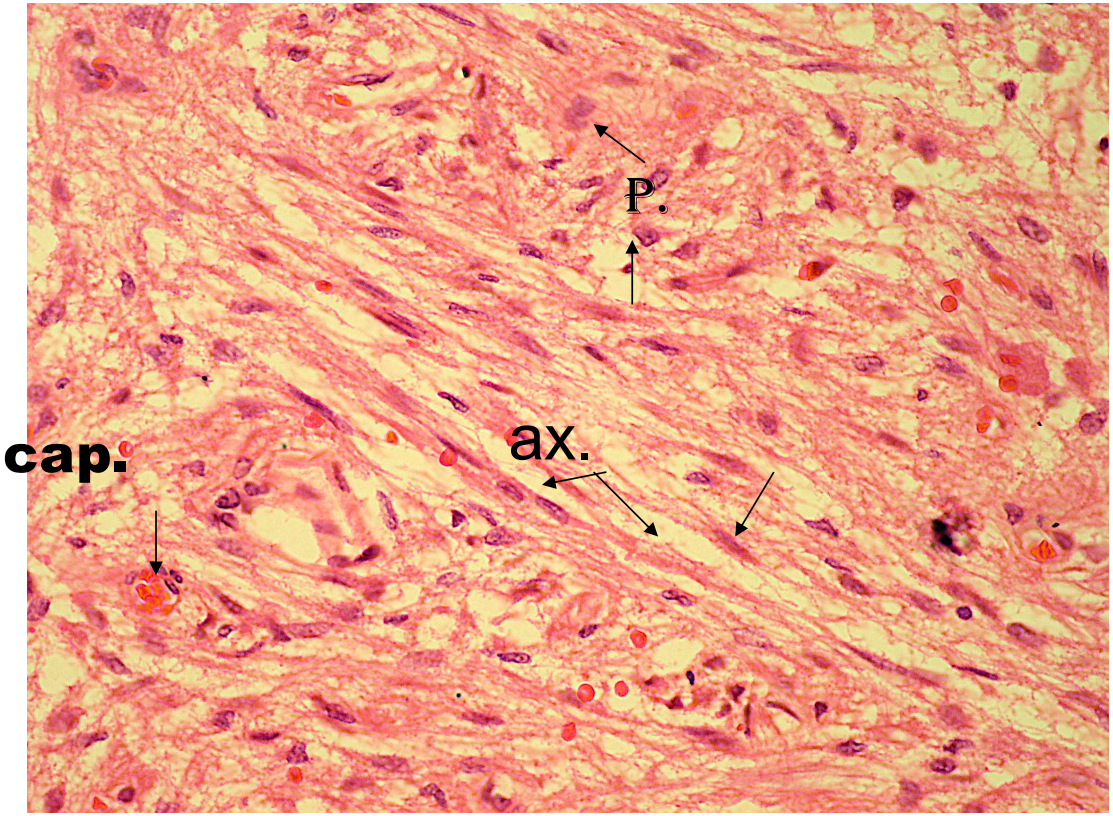
H&E stain pitutary gl.
Colloid: follicles of p.intermedia

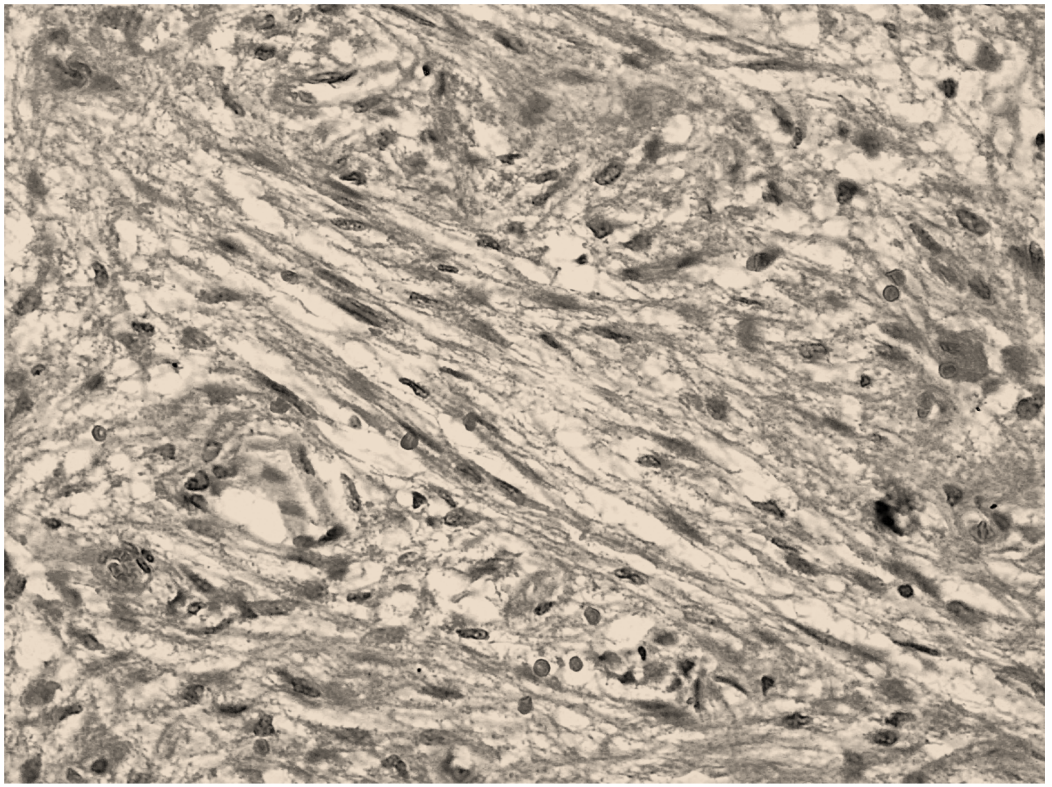


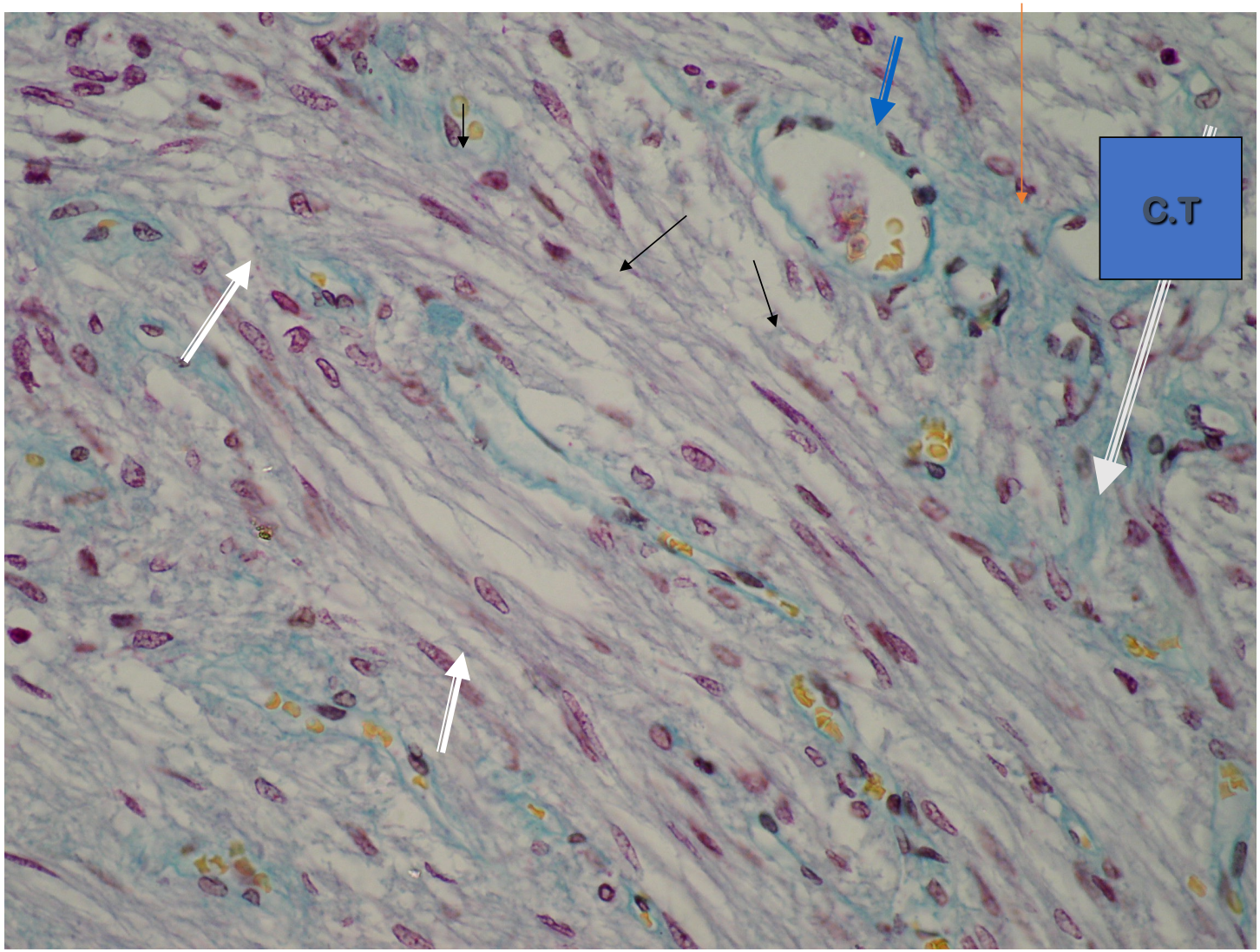
Neurohypophysis(posterior lobe)



Axons of unmyelinated nervefibers,pituicytes,Hering bodies

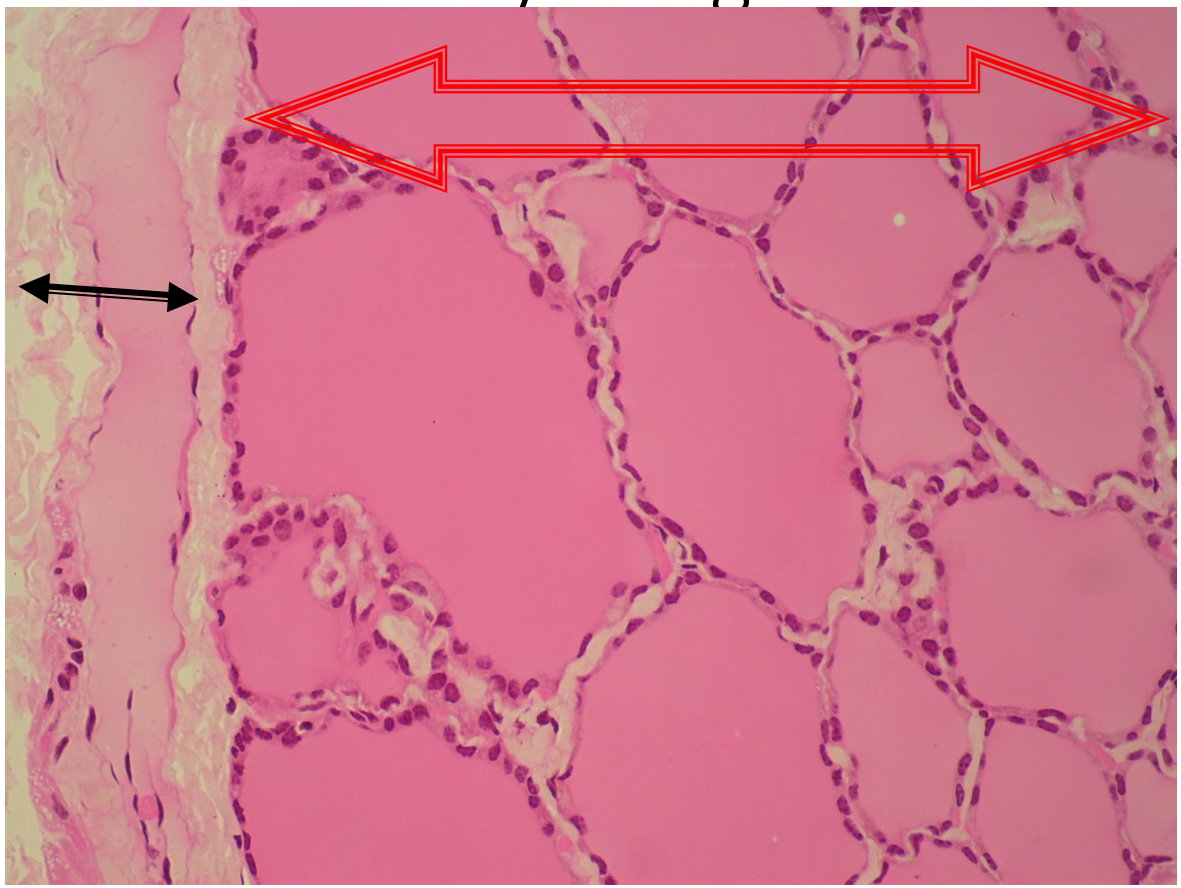




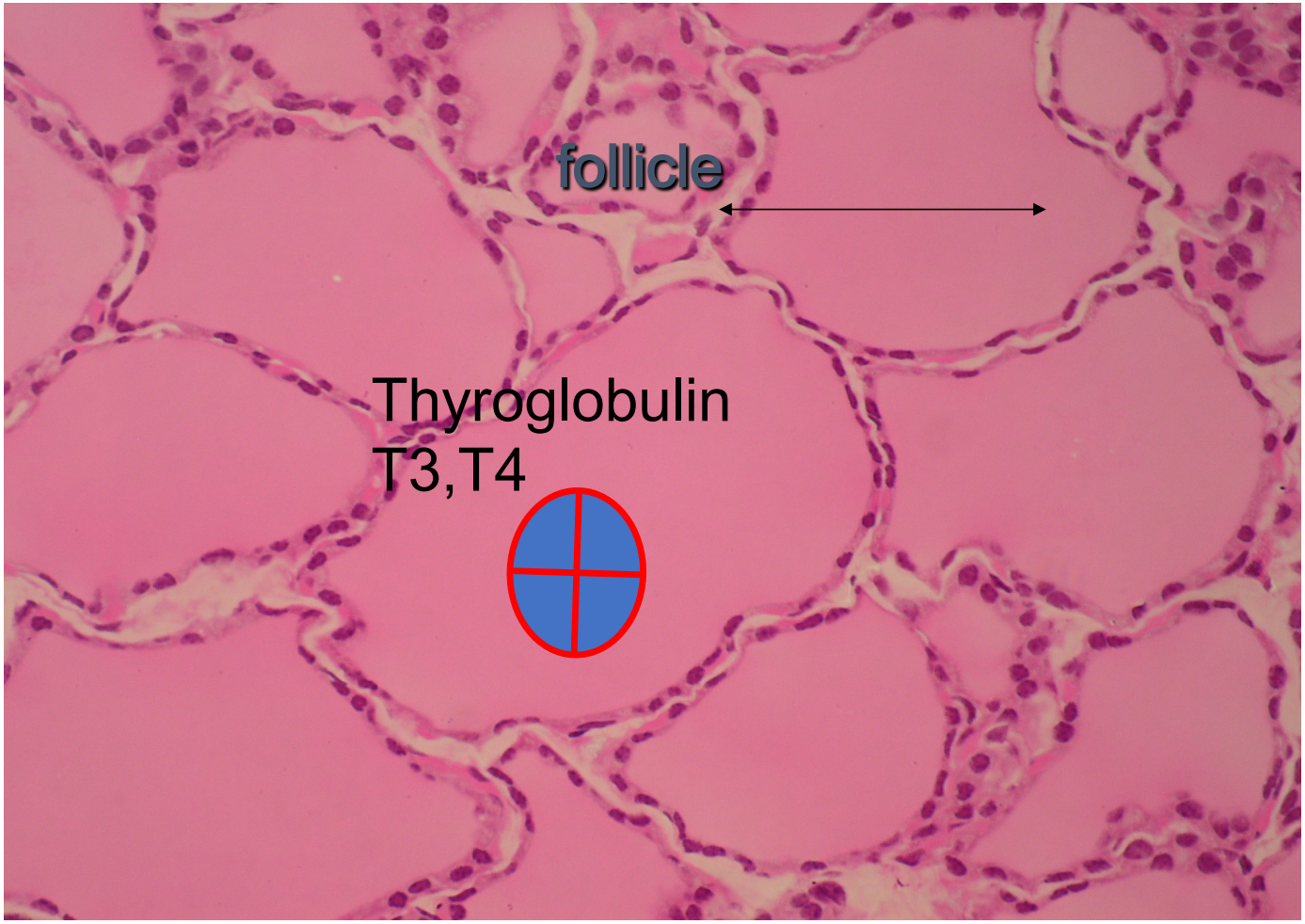

C.T

Thyroid gland

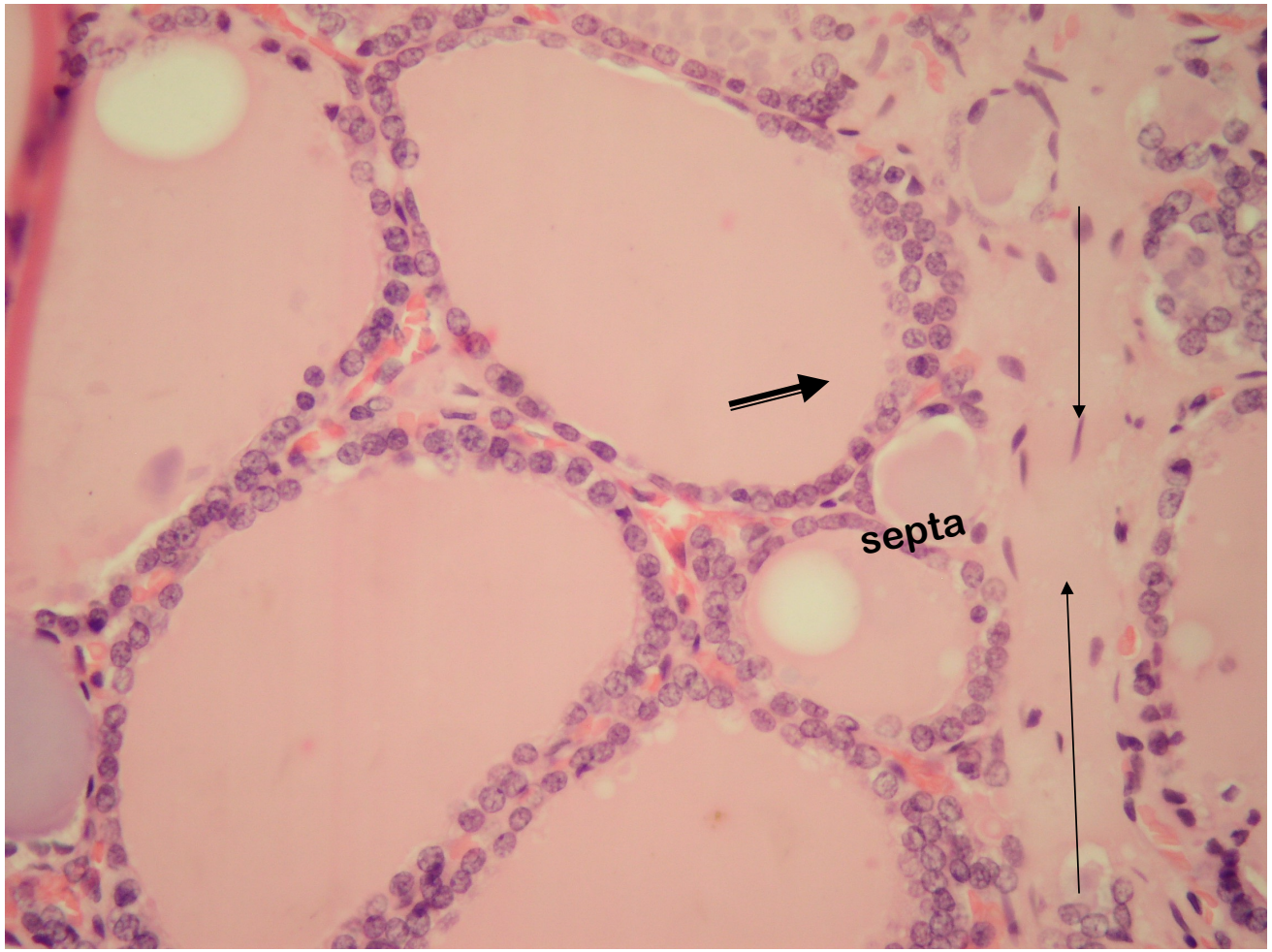
Capsule - follicles of thyroid gland

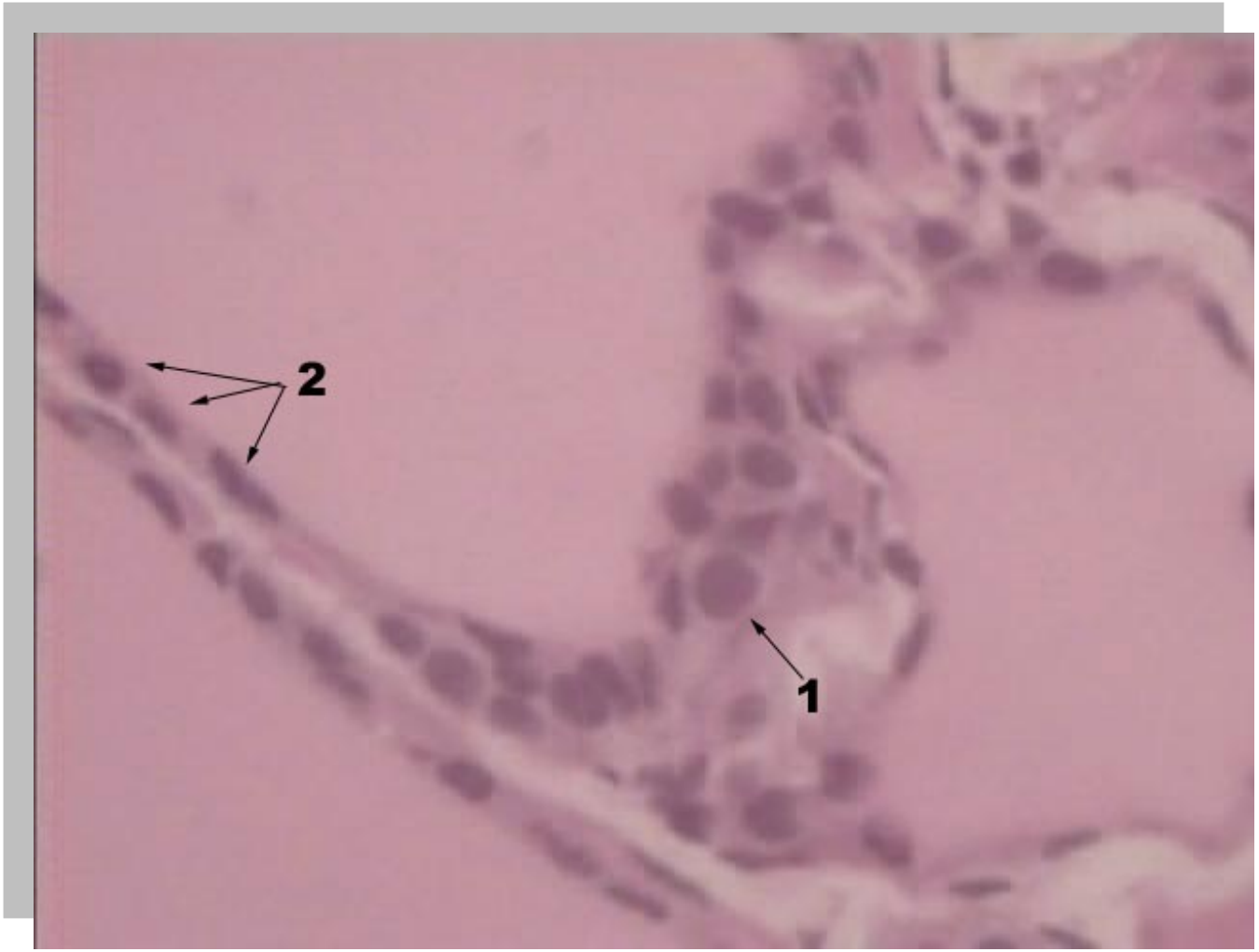


Resting(hypoactive)thyroid gl.

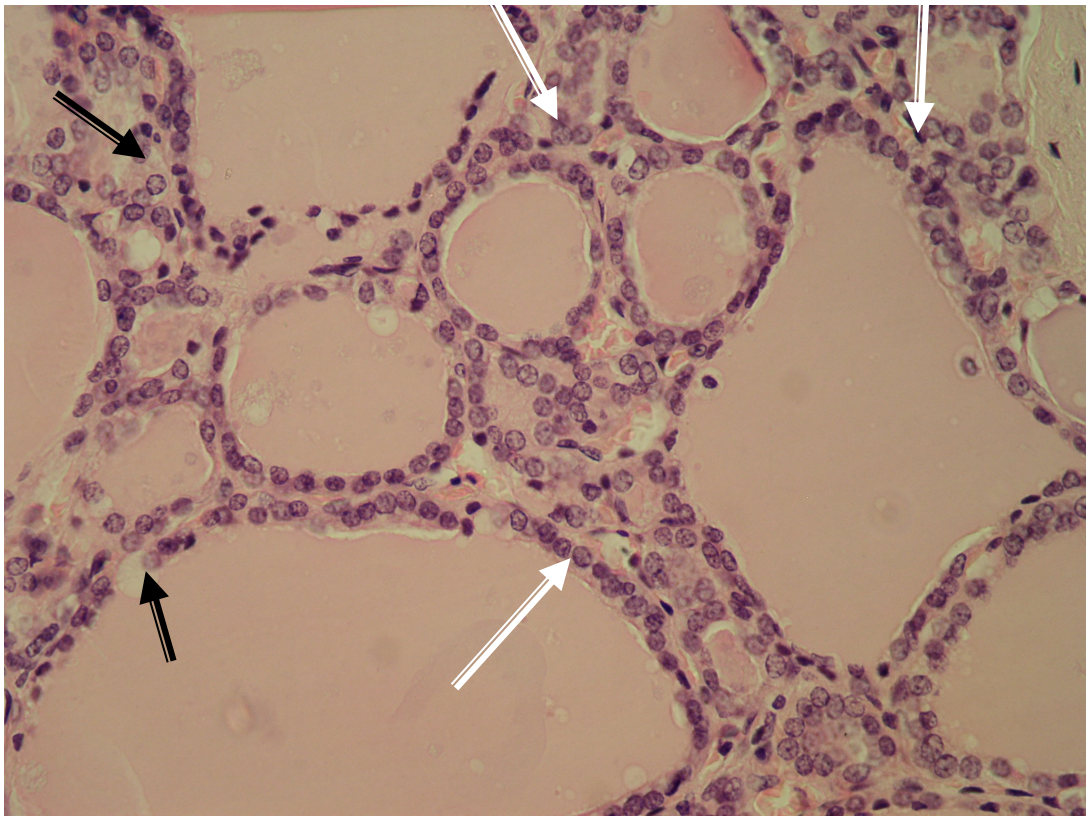


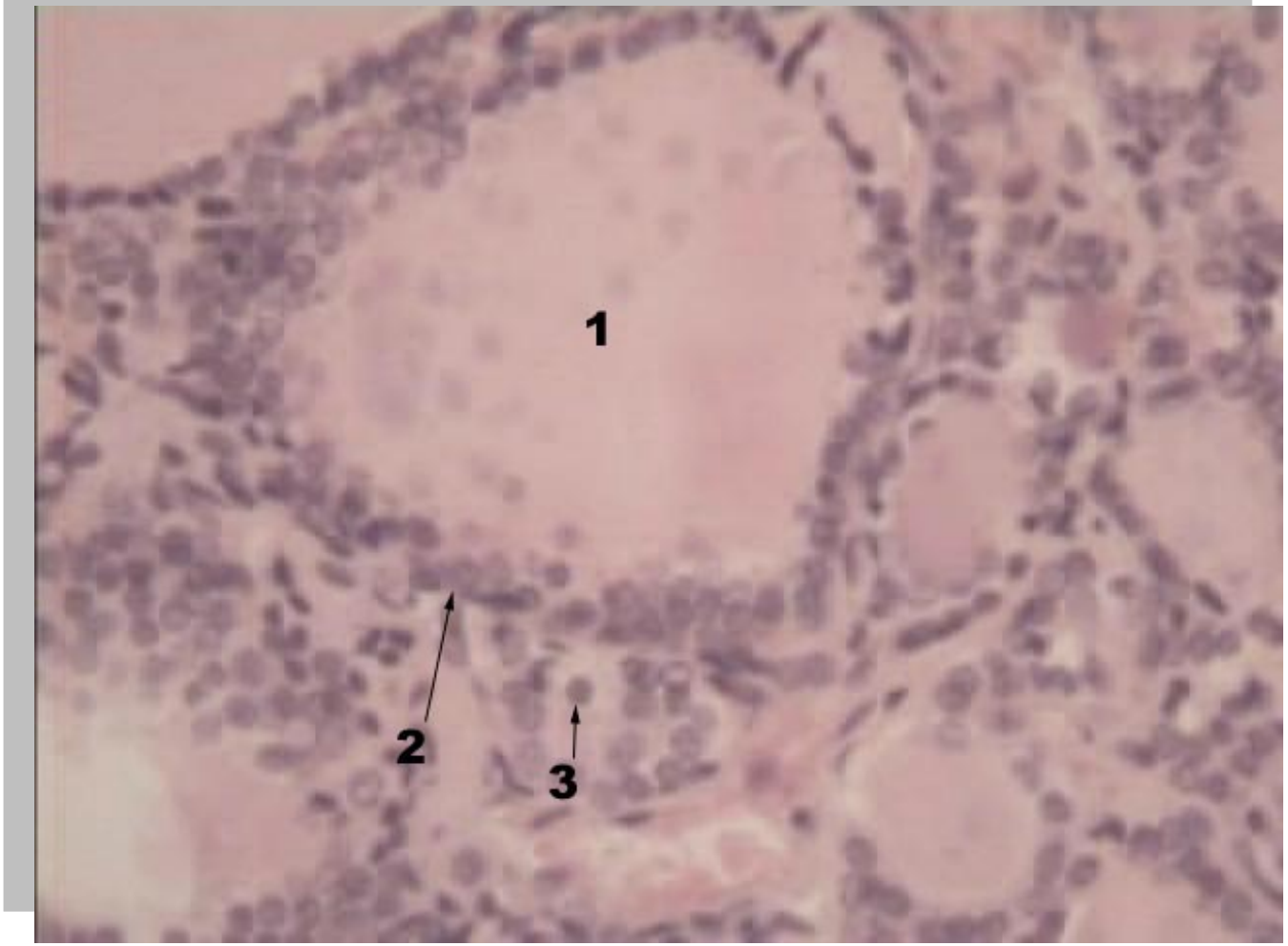
Simple squamous ep. C- cell


septa


2
1

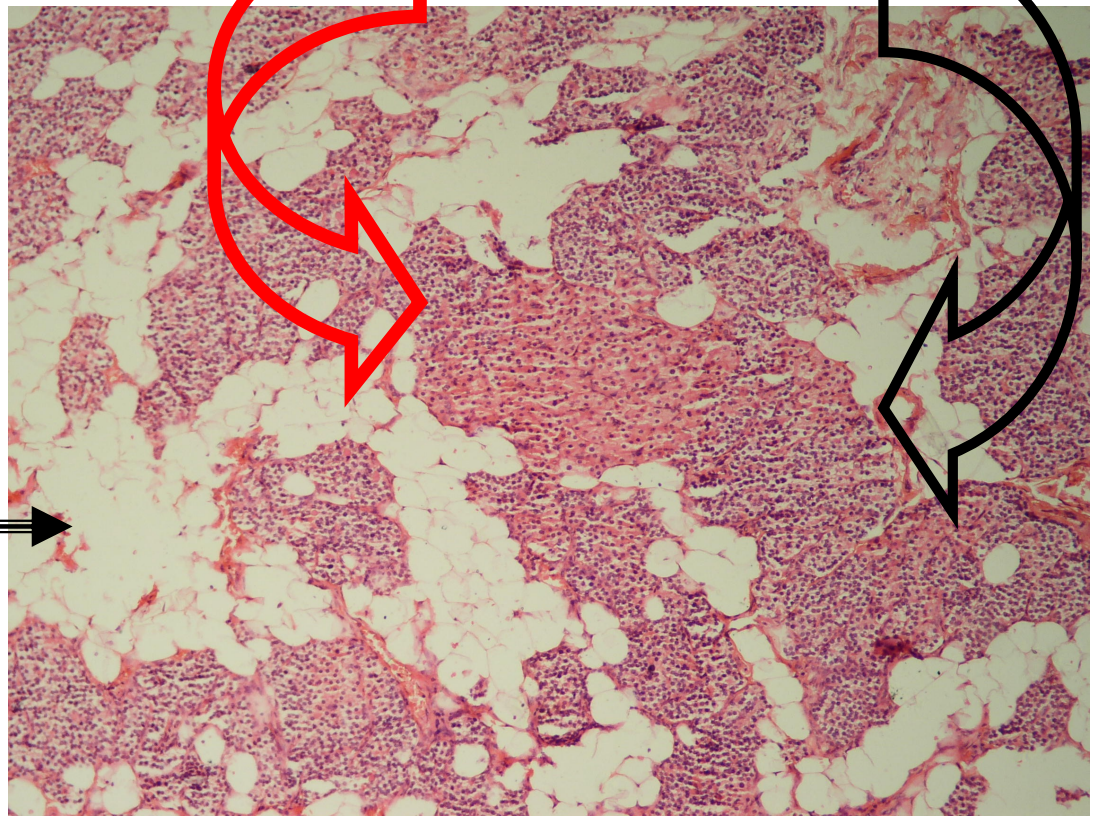
Active thyroid –simple cuboidal ep. interfollicular cells

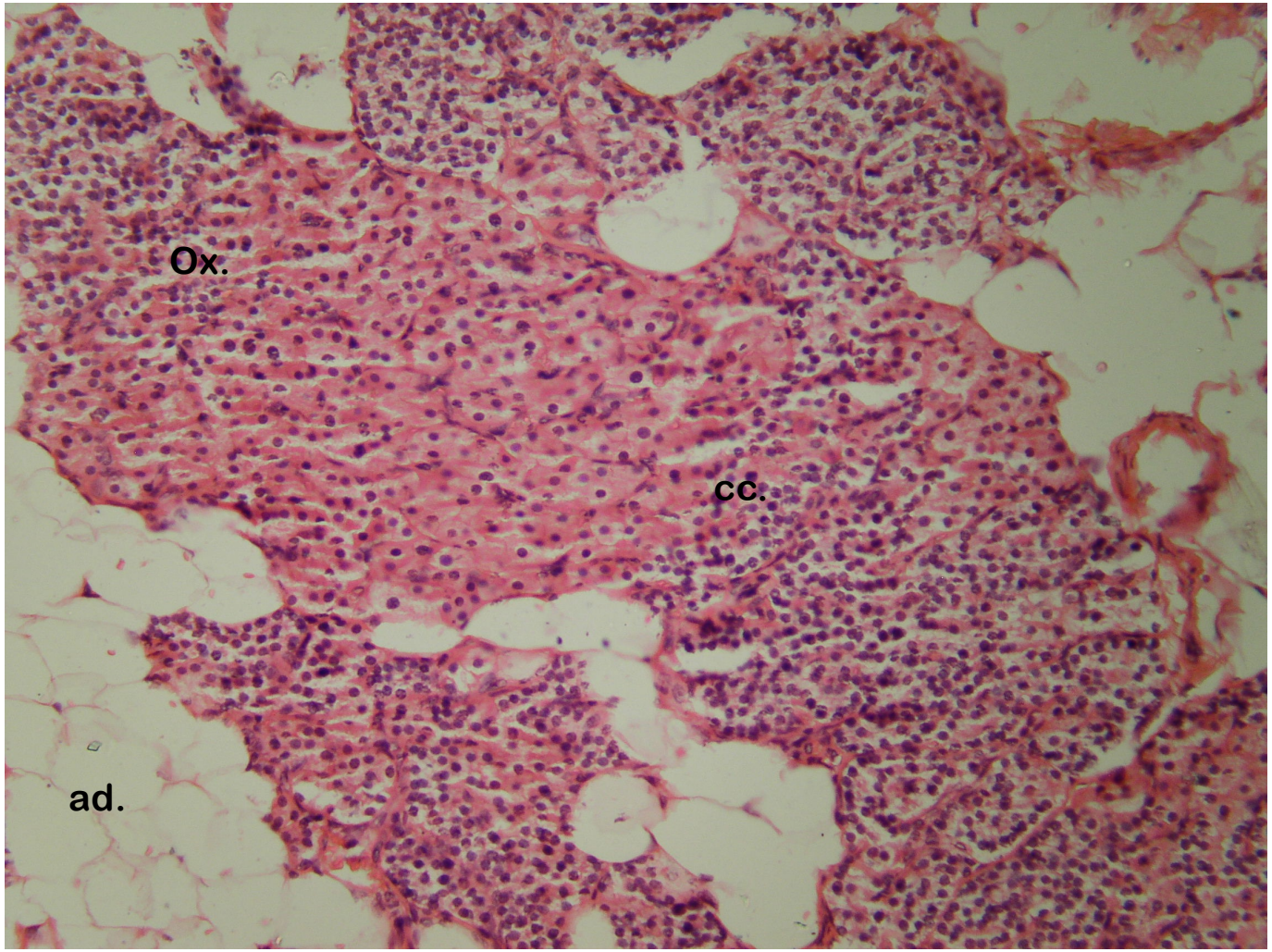



1
2
3

Parathyroid gland

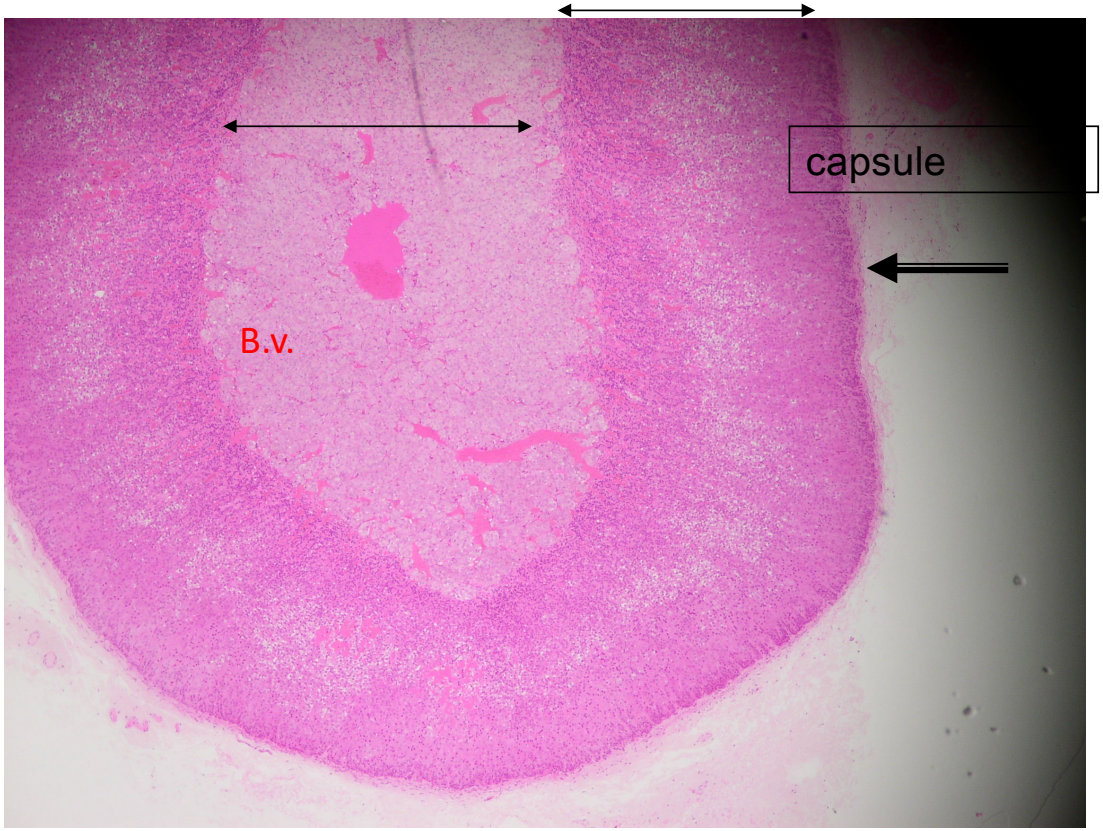
Oxyphil cells & chief cells

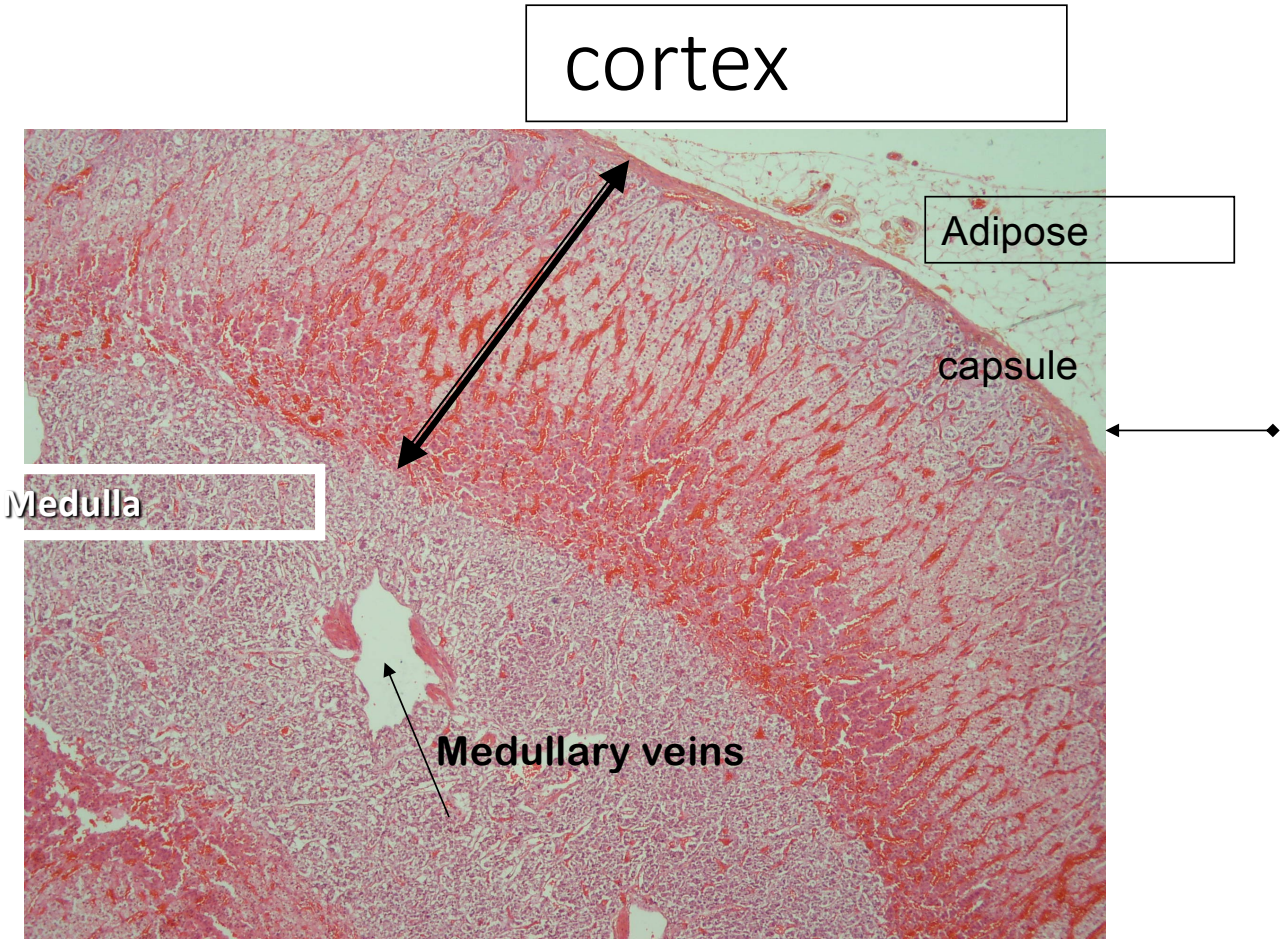



Ox.
cc.
ad.

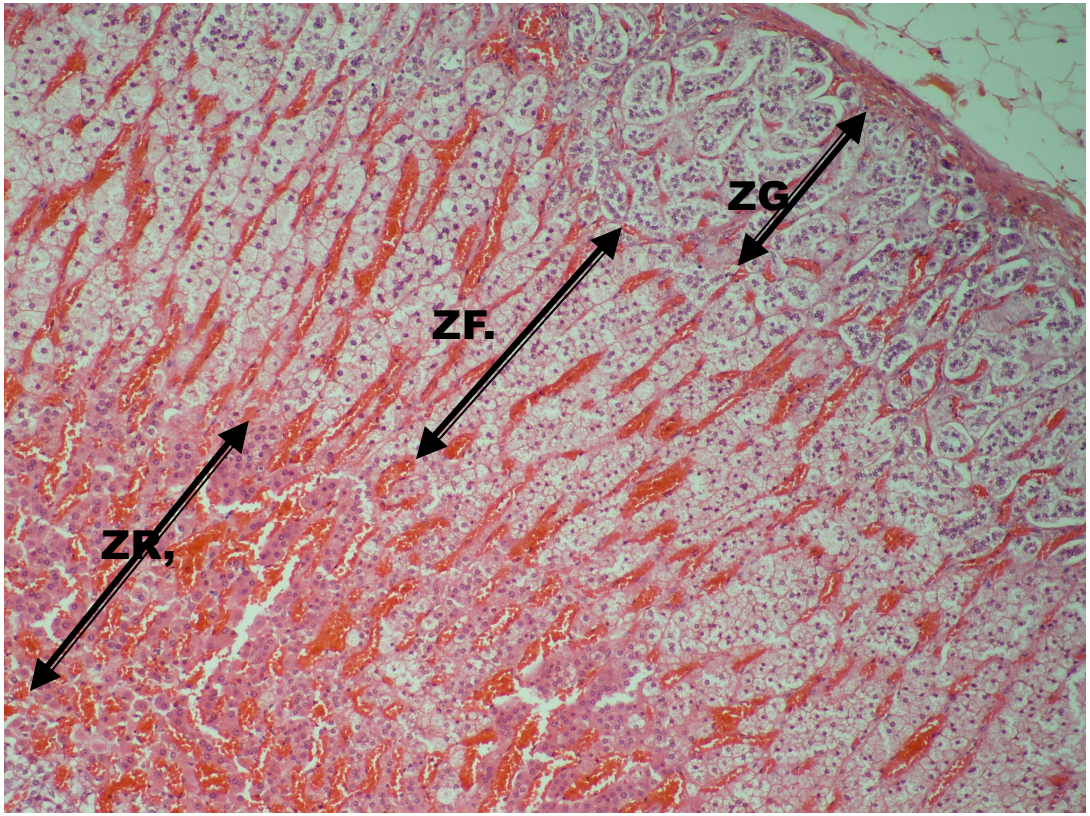
Adrenal gland

Medulla cortex

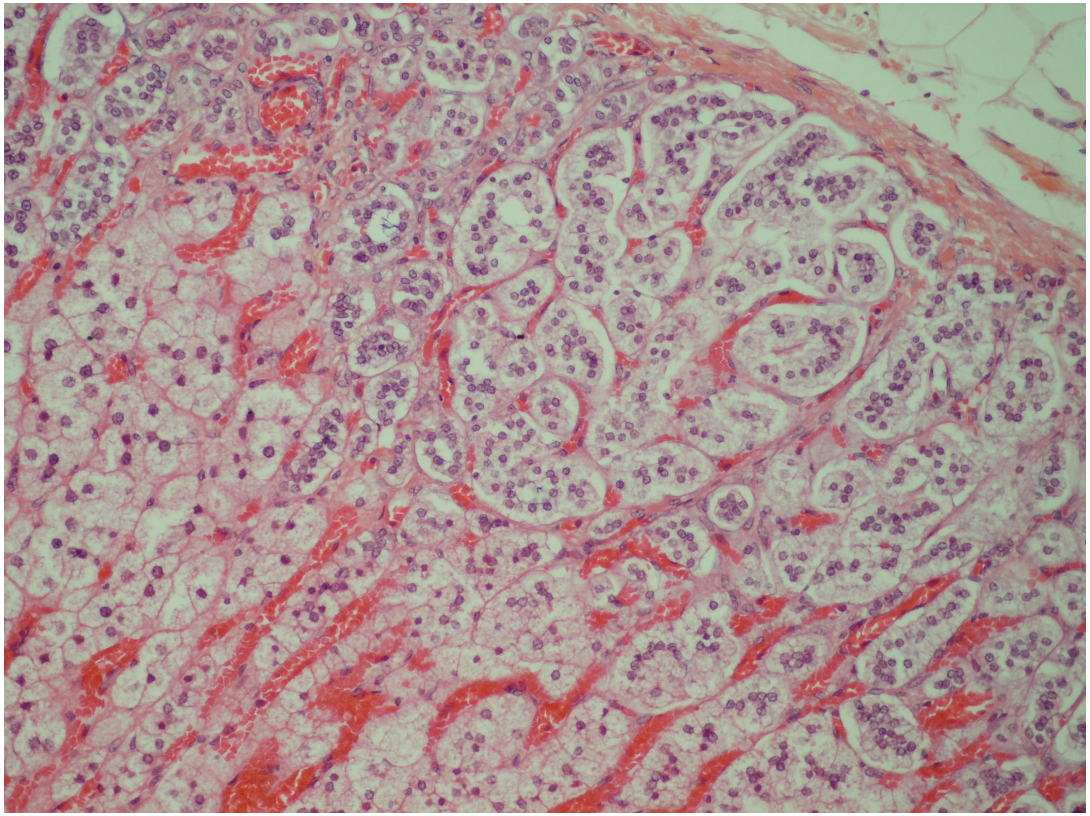



cortex
Adipose
capsule
Medulla
Medullary veins

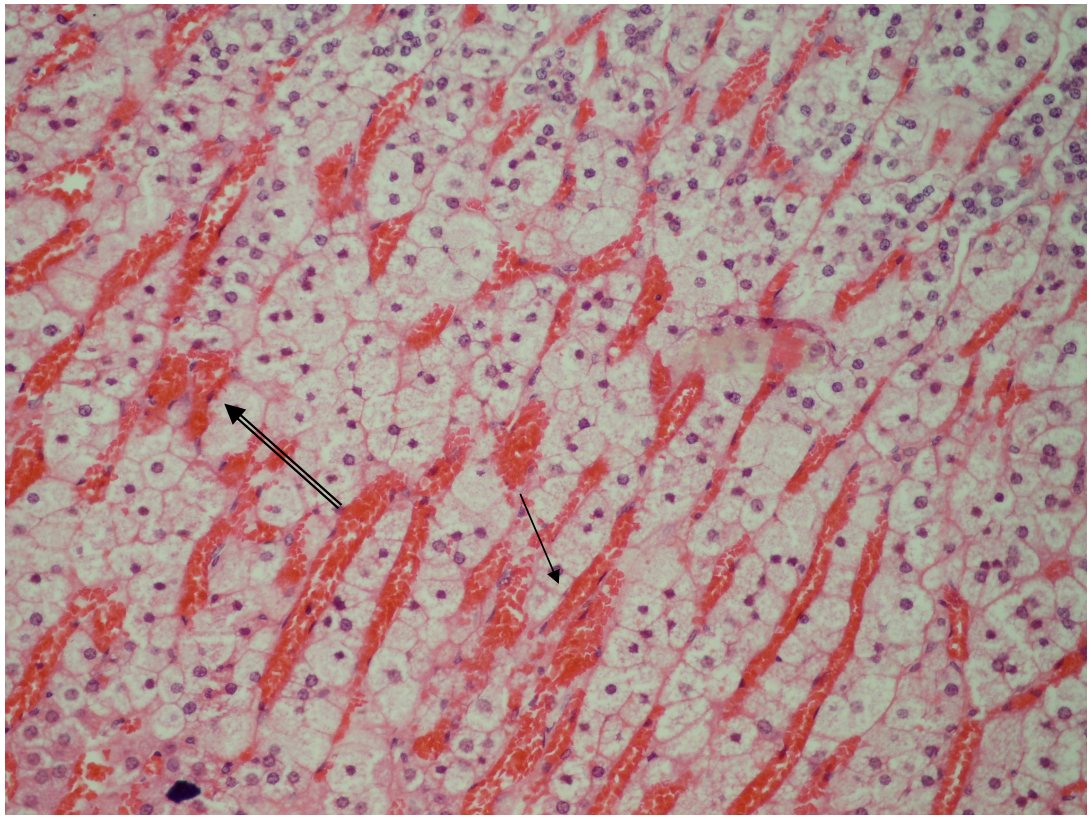
Zona Glomeulosa, Fasciculata&Reticularis



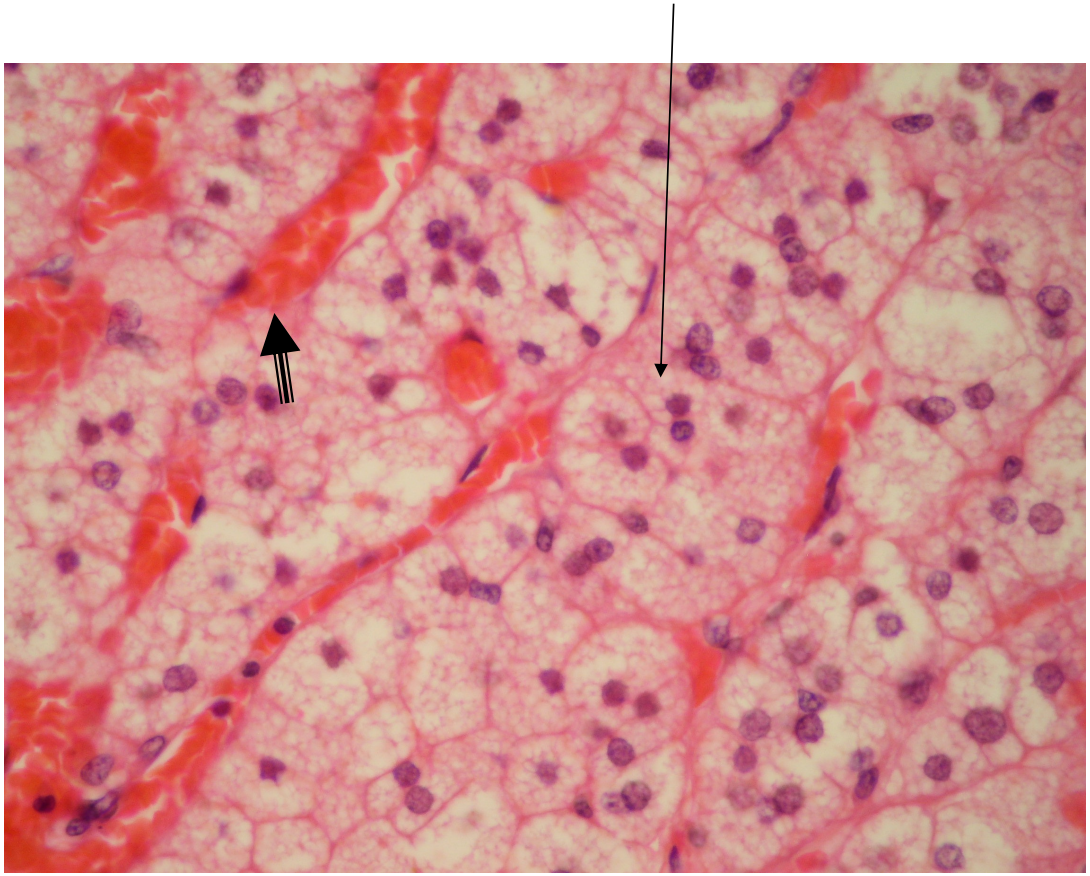
Zona Glomeulosa



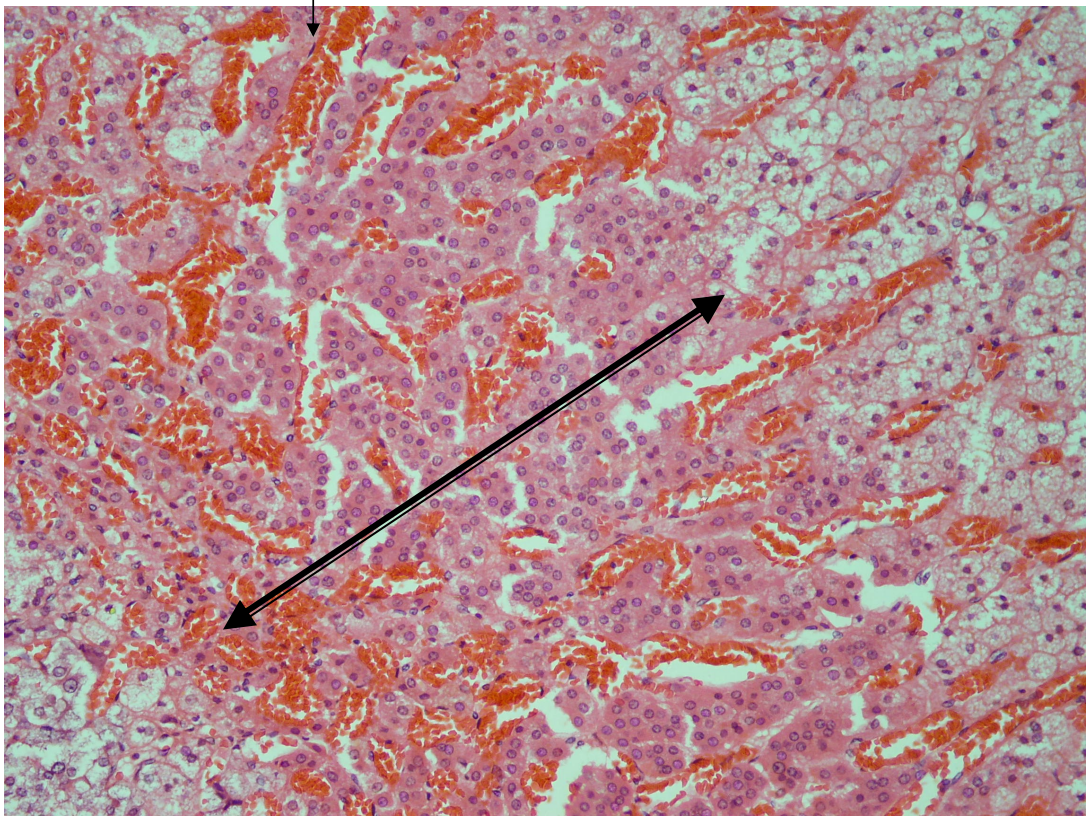
Zona Fasciculata-capillaries

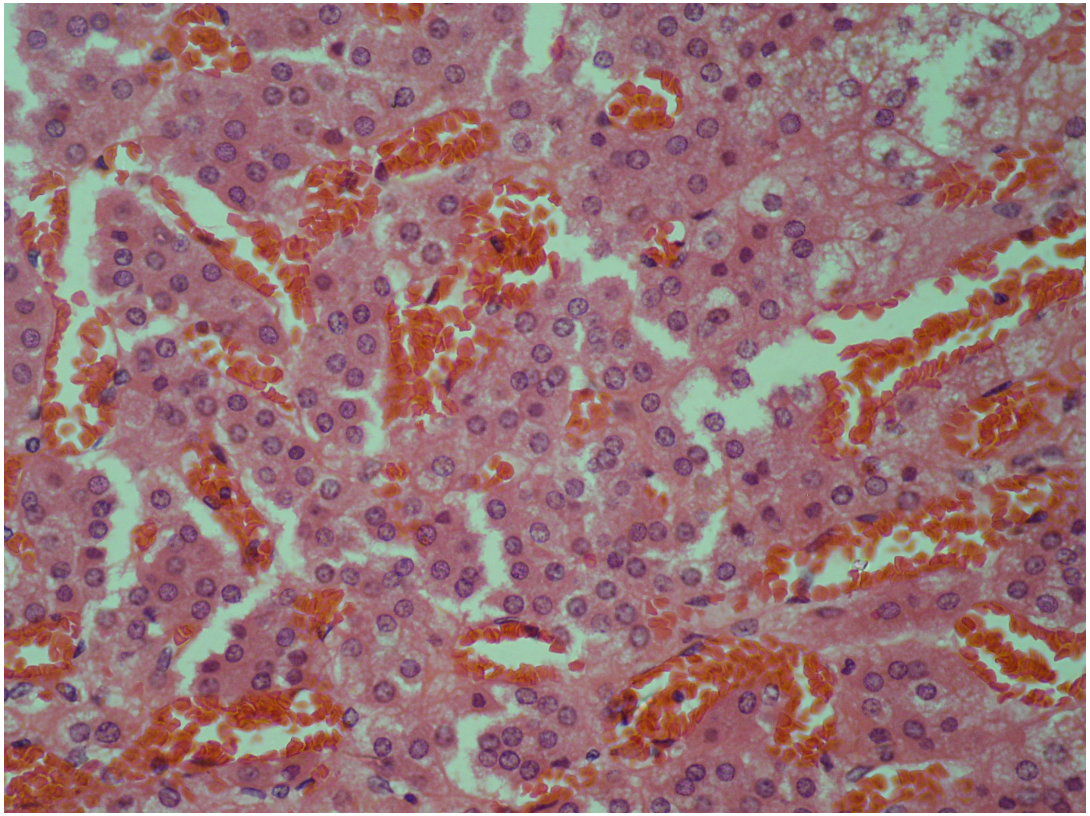


spongiocytes

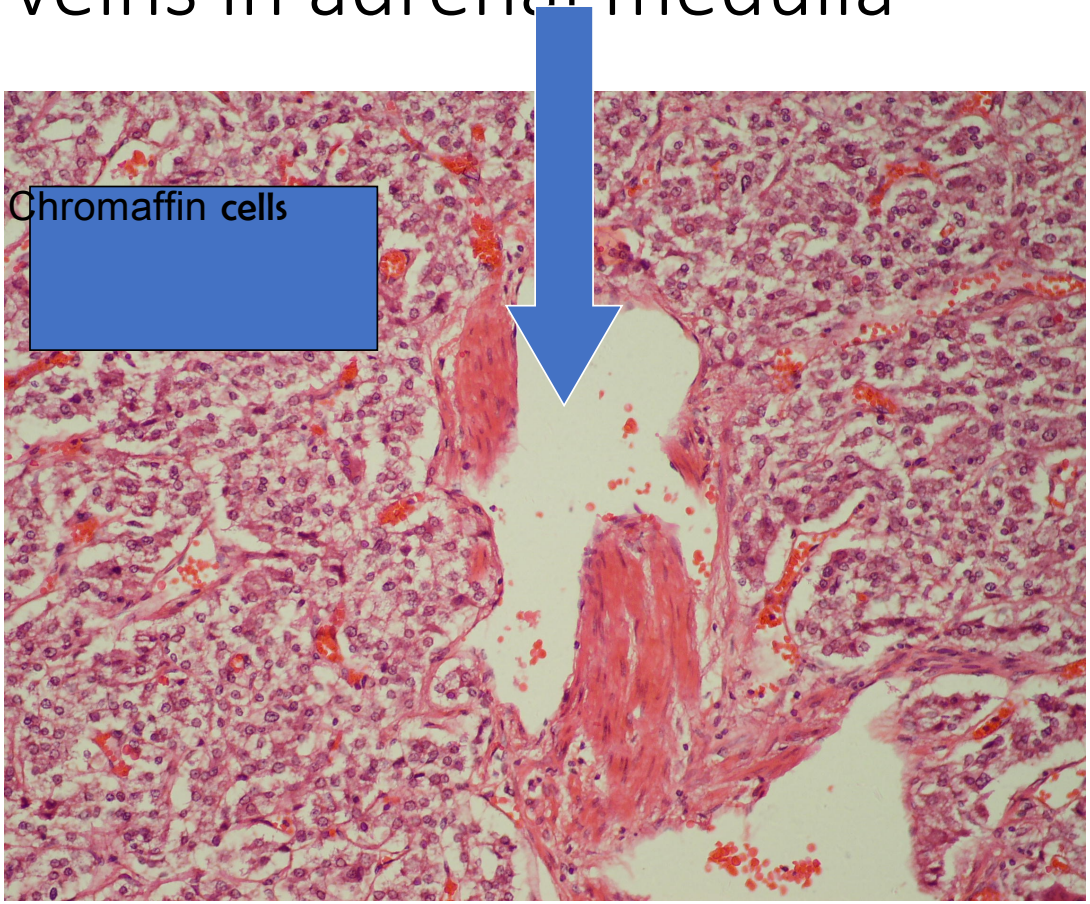


Zona Reticularis -capillaries

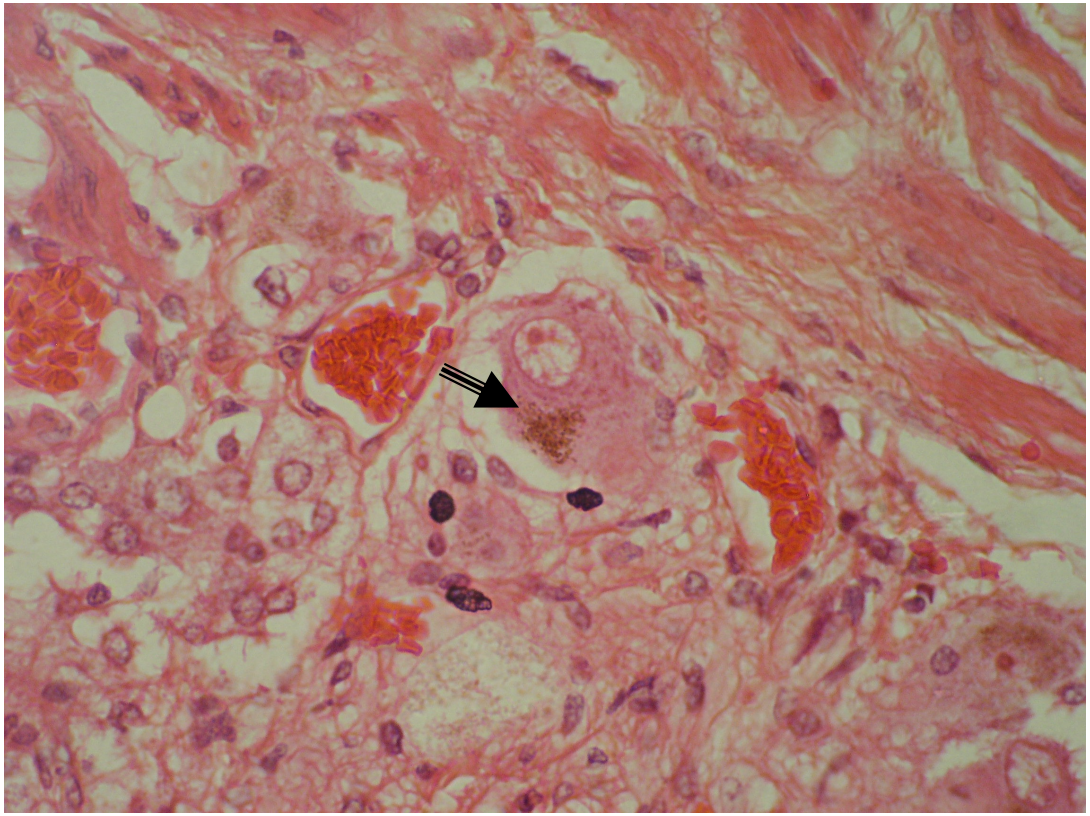




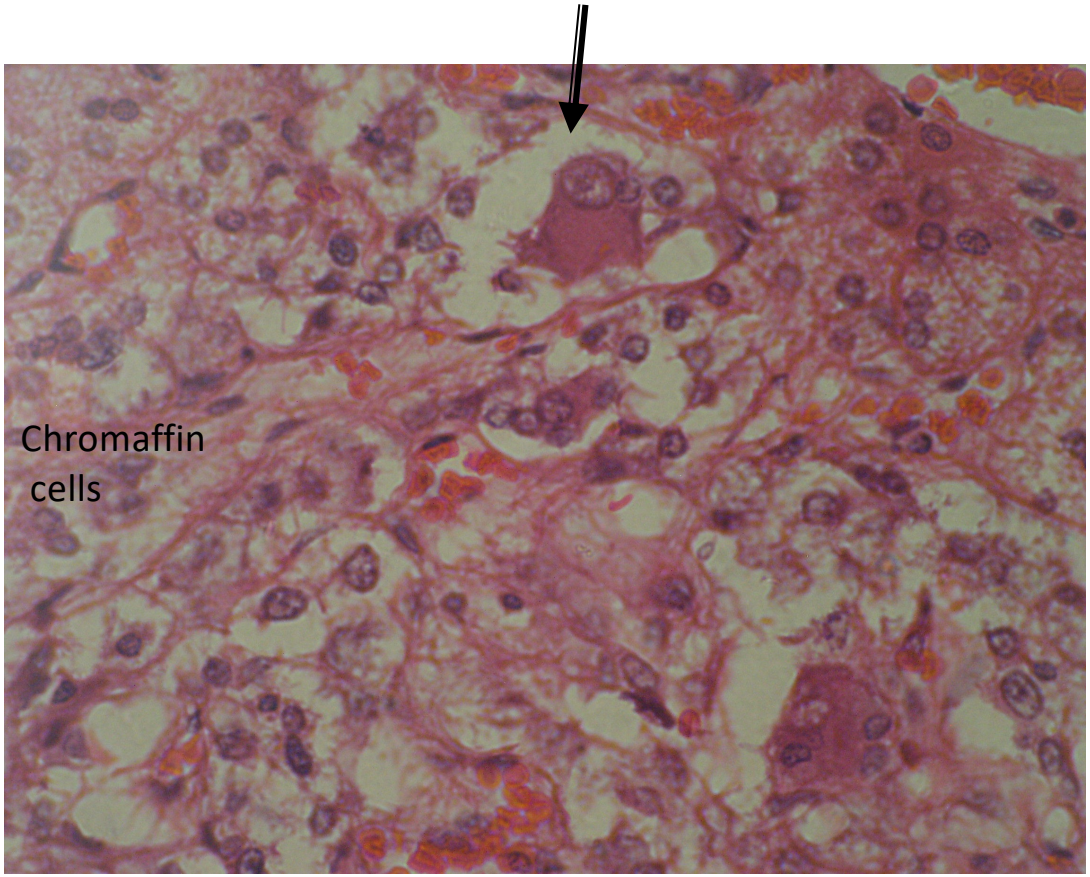
Medullary veins in adrenal medulla

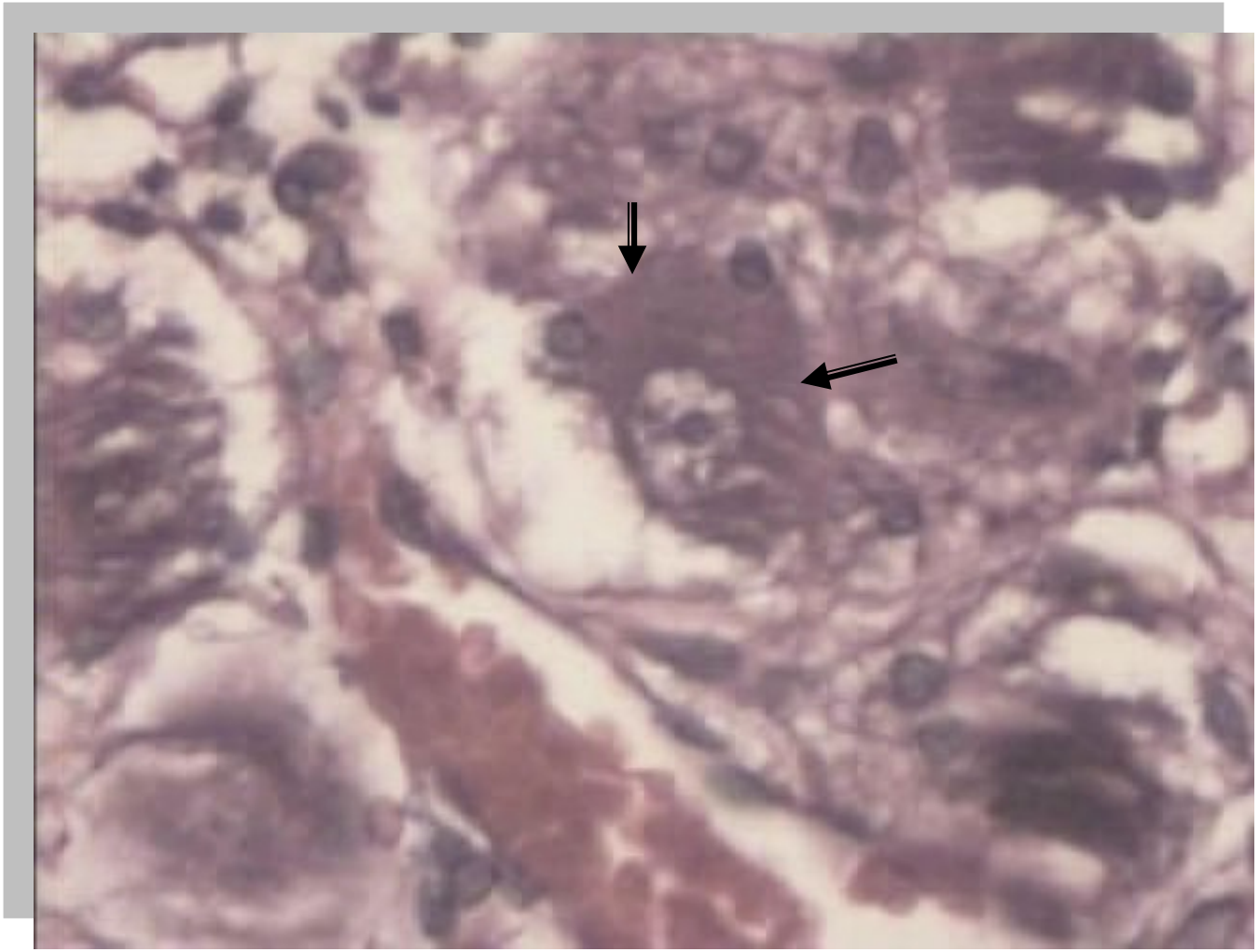


Lipofuschin in Ganglionic cells

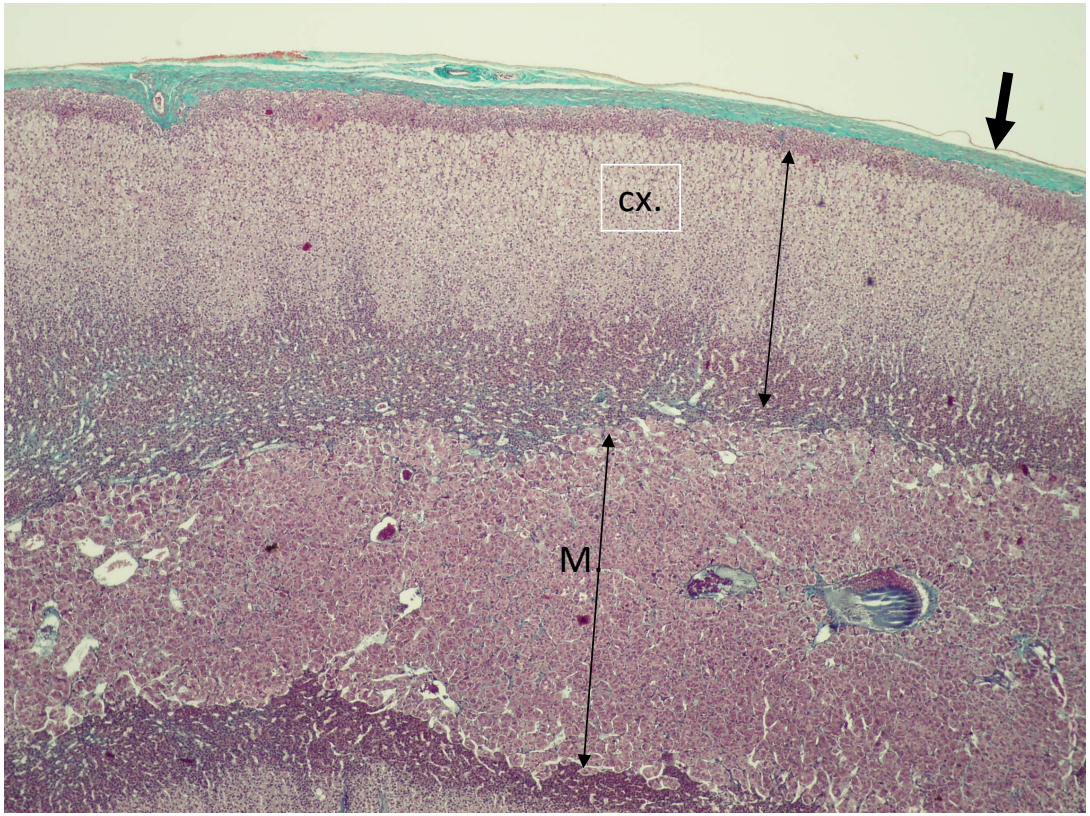


Ganglionic cells

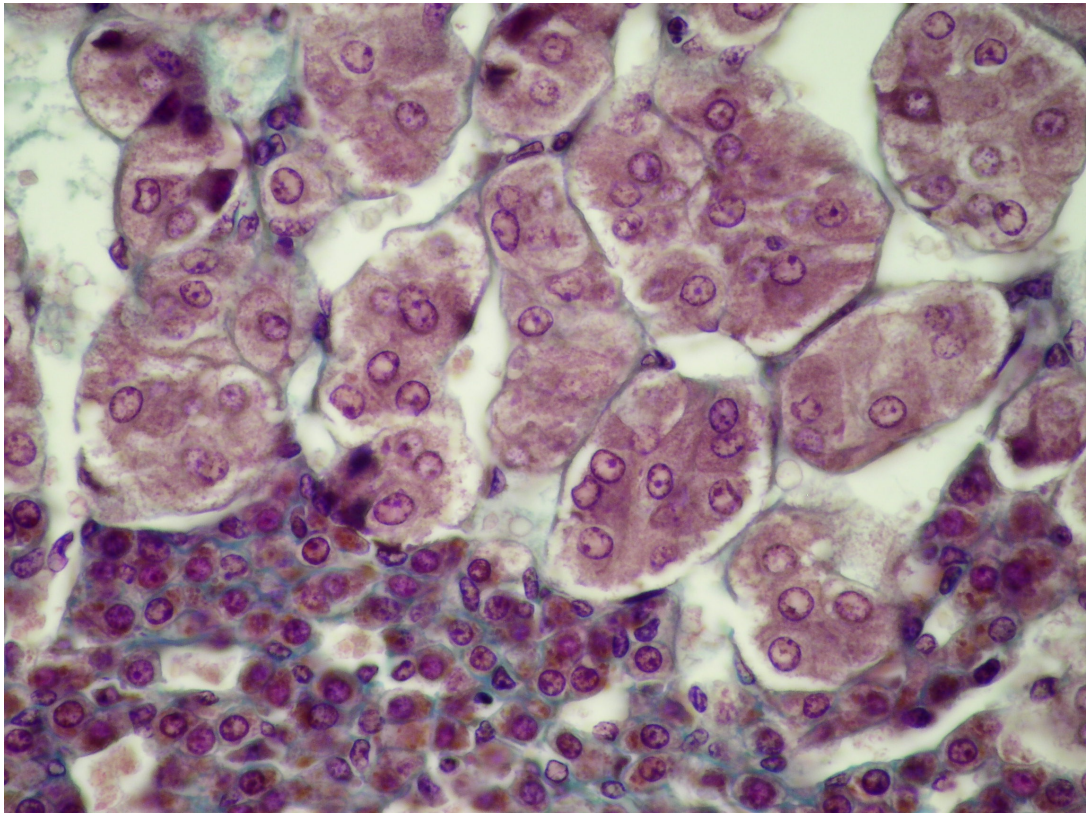




Adrenal gland-special stain

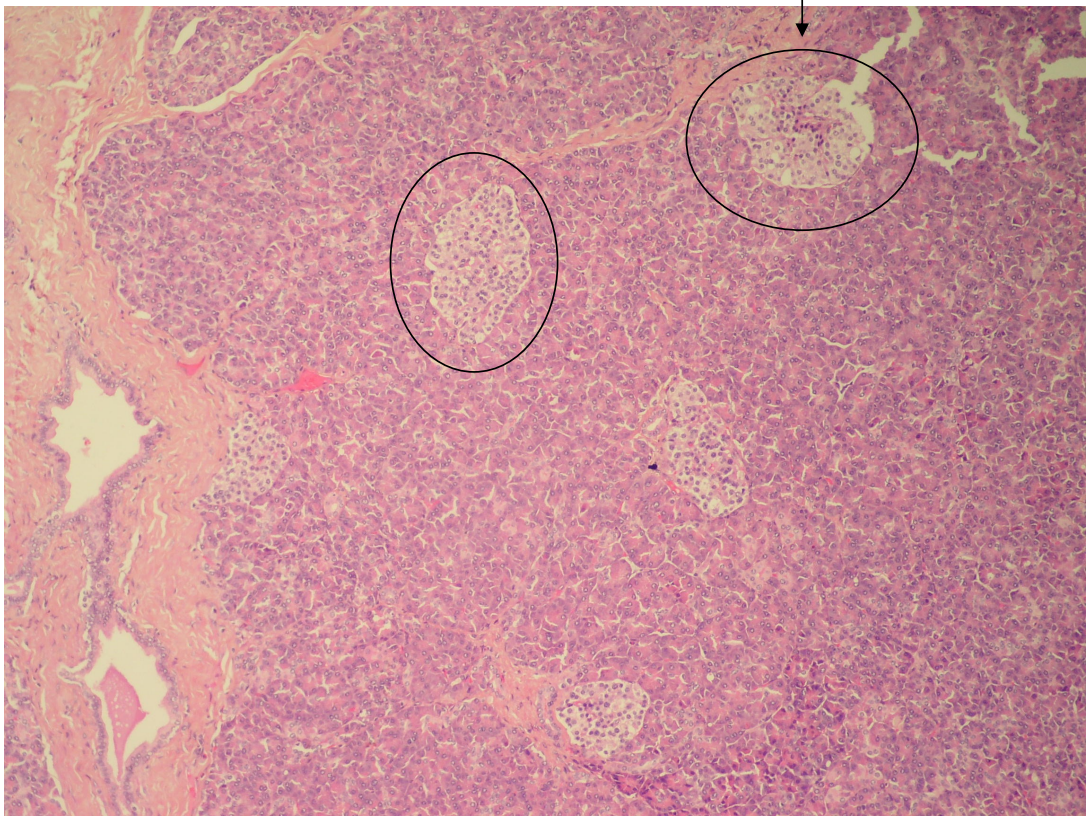


Chromaffin cells in adrenal medulla

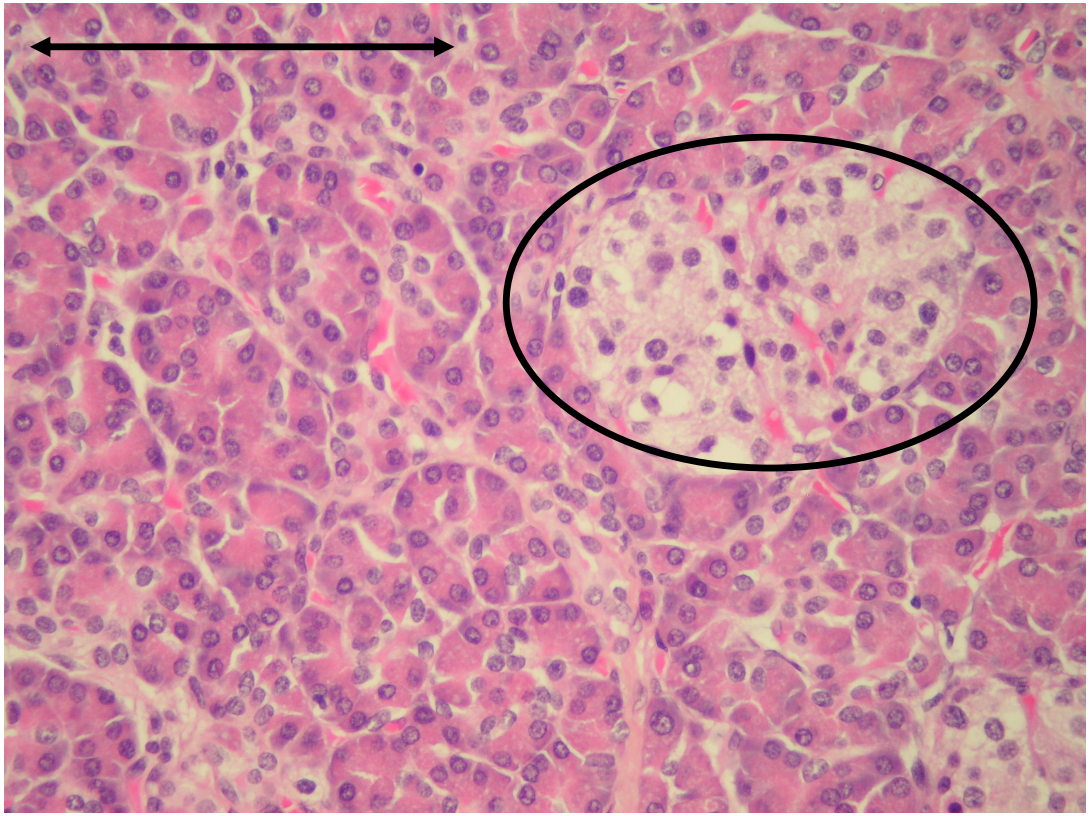


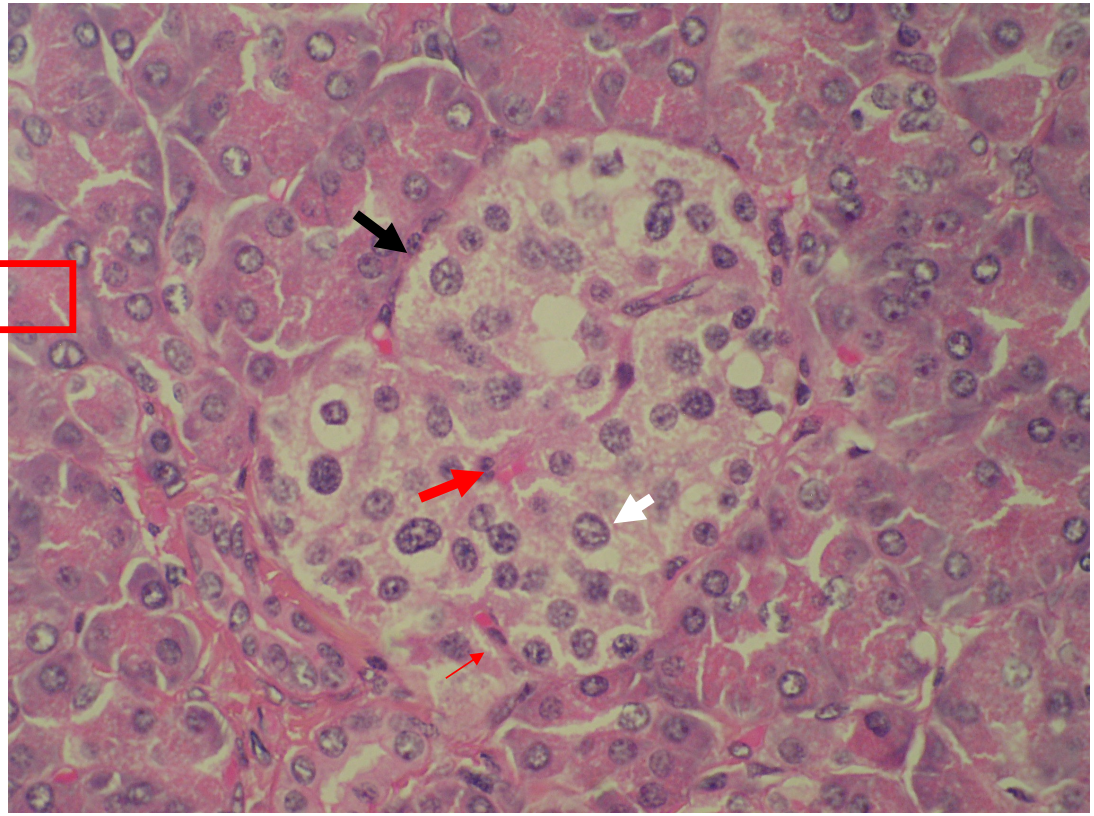
Pancreas
(Islet of Langerhans)

Pancreas (exocrine &endocrine)



Exocrine part &endocrine (islet of Langerhans)



Types of endocrine cells

capillaries