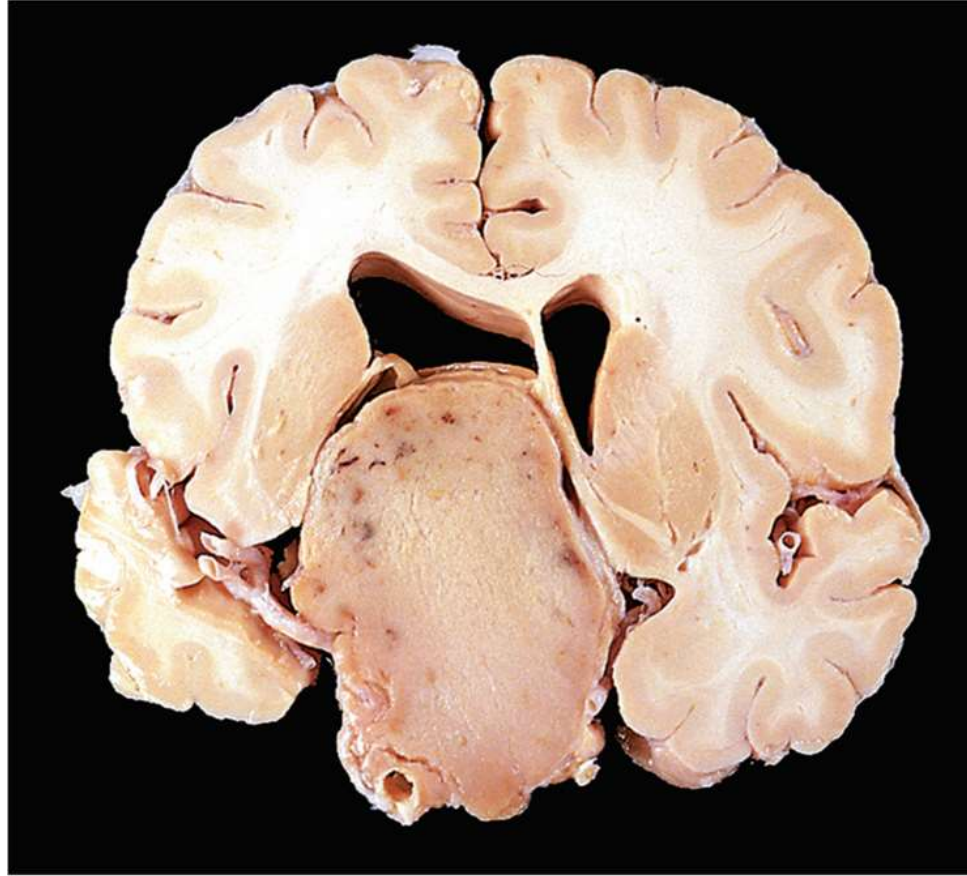


Pathology Lab Endocrine system

Heyam Awad

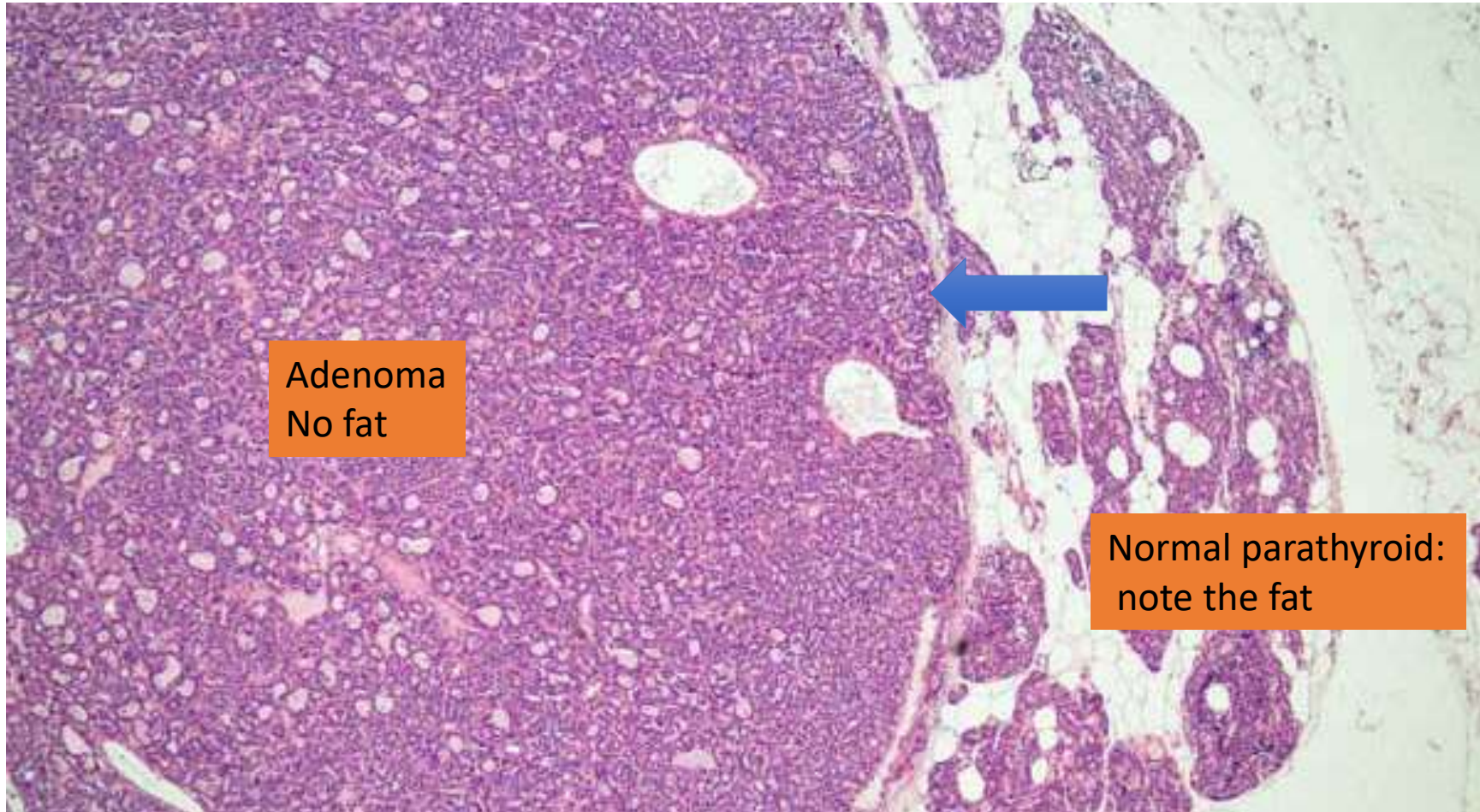
- The pictures in this file have been discussed in the lectures.
- The exam questions will be from these pictures only.
- This is an online lab. You only need to study this file.

Pituitary adenoma

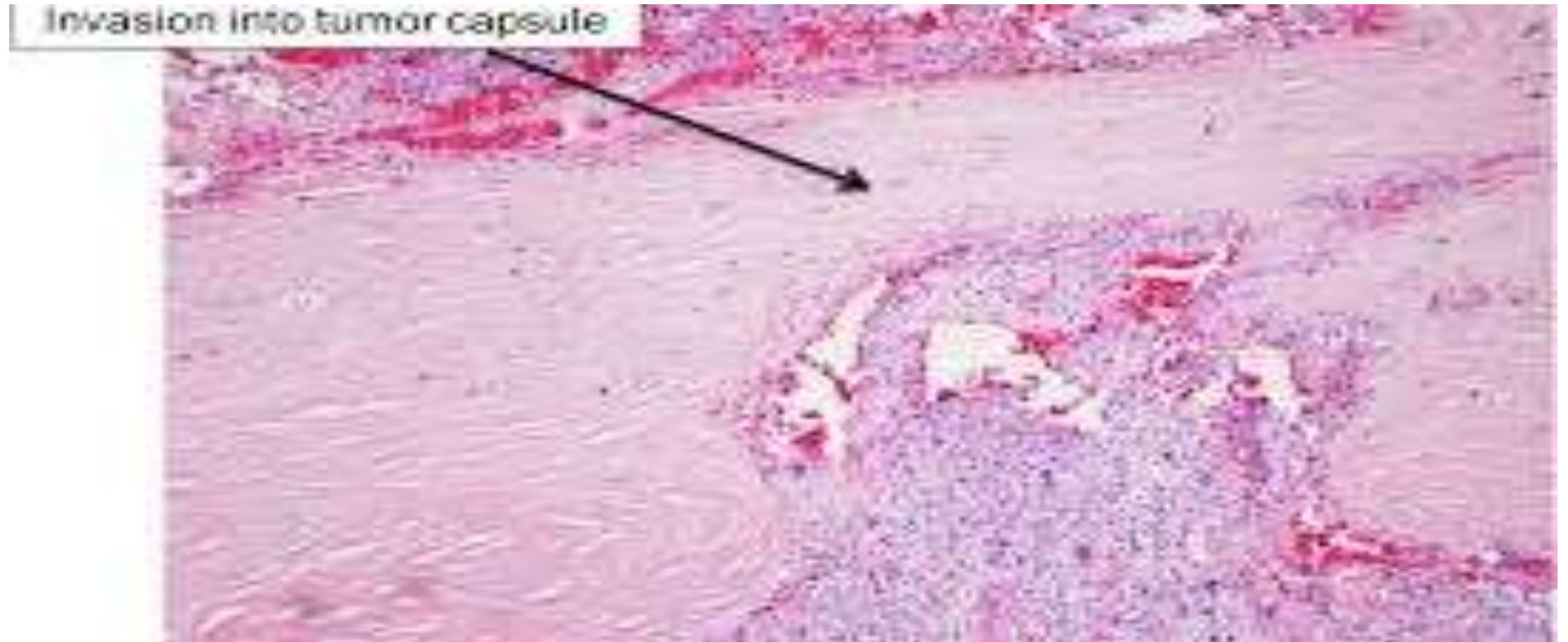


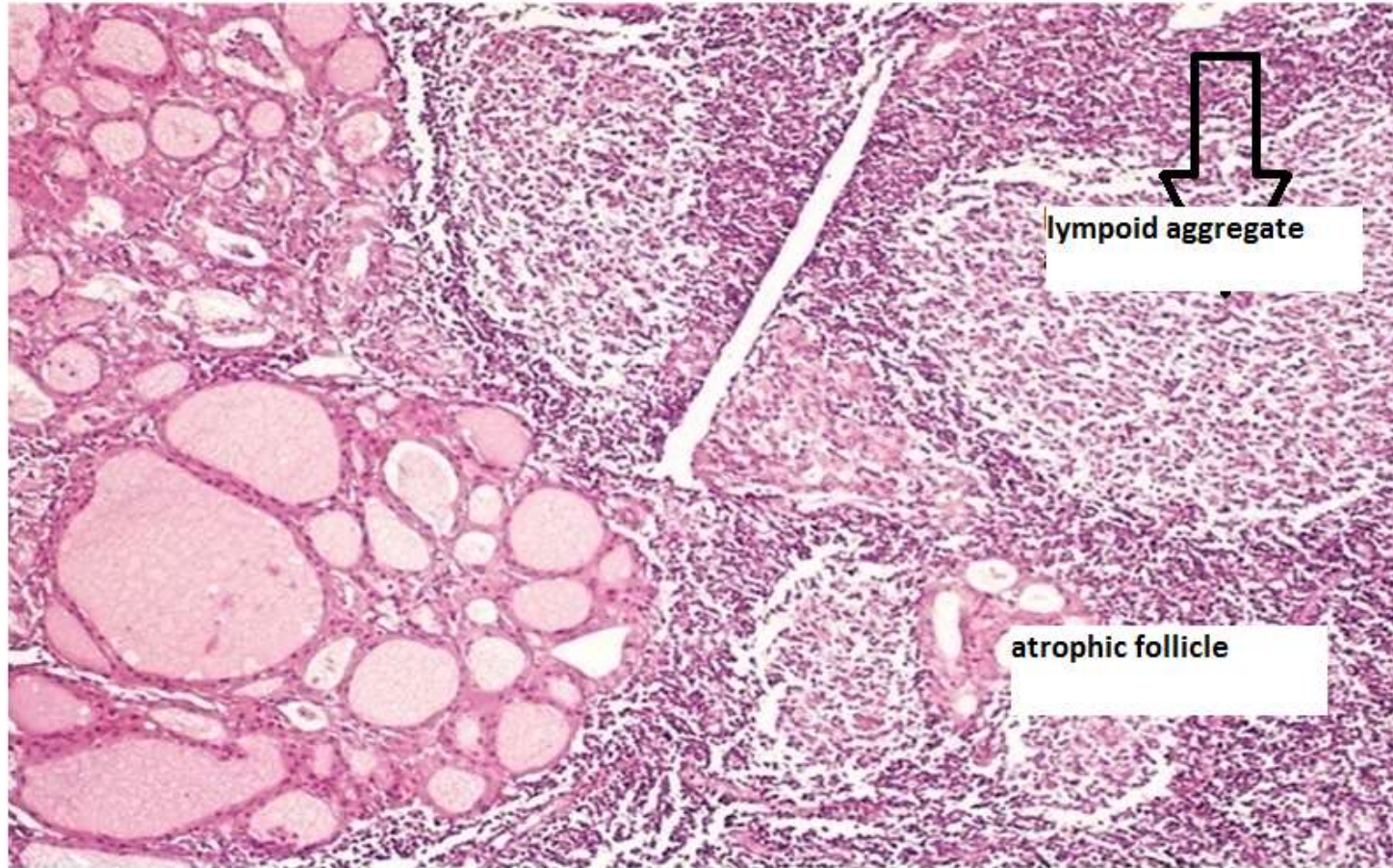
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Parathyroid adenoma. Note the thin capsule (arrow) separating the adenoma from normal



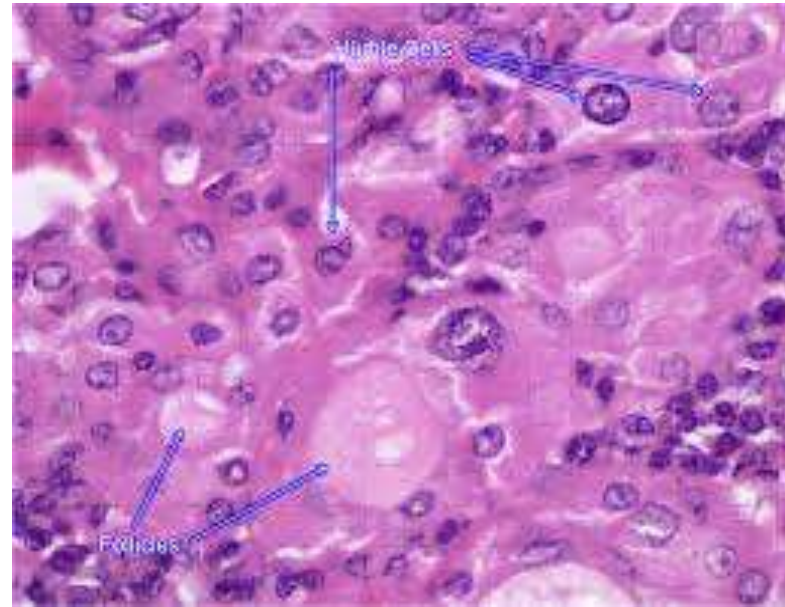
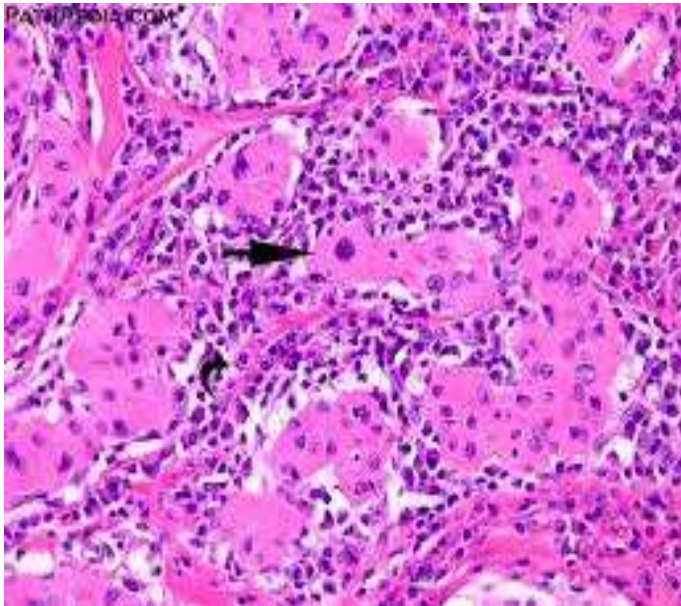
Parathyroid carcinoma



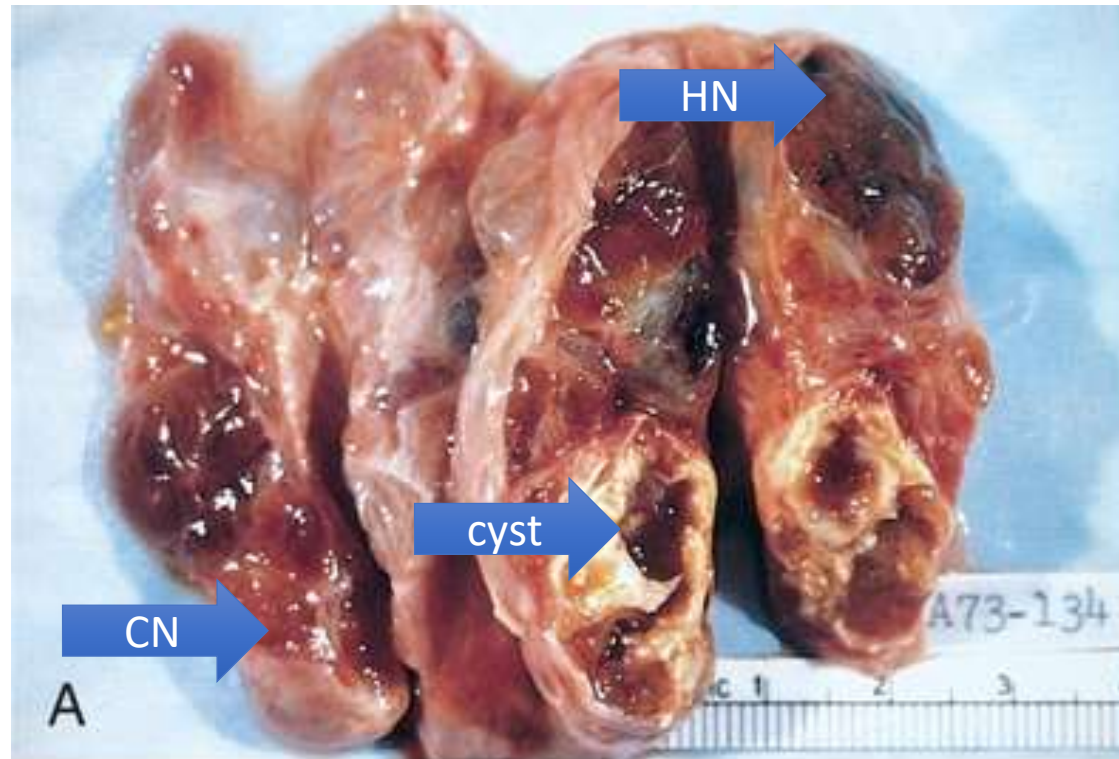


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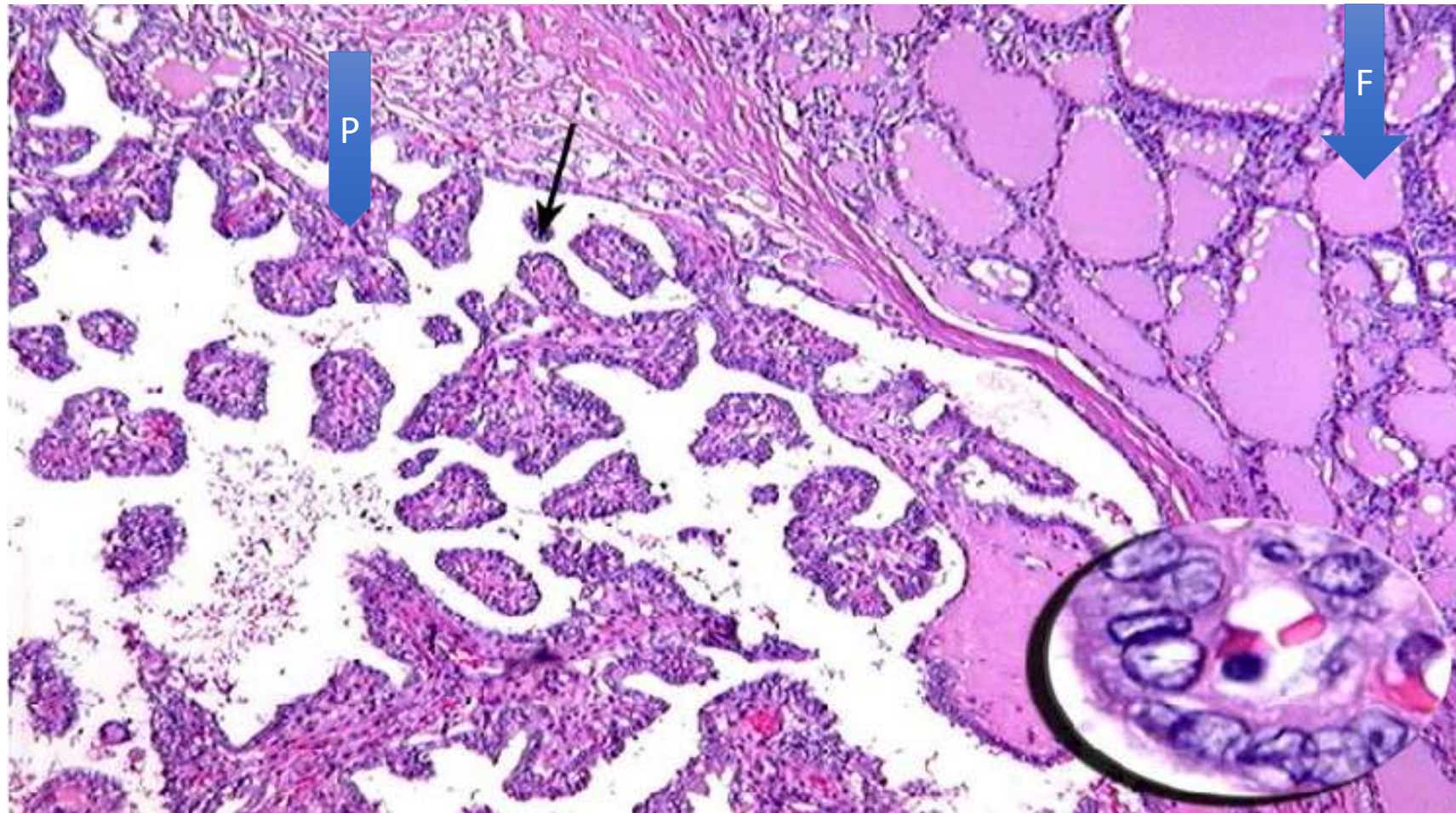
Hurthle cells: large cells with abundant eosinophilic cytoplasm, due to increased mitochondria



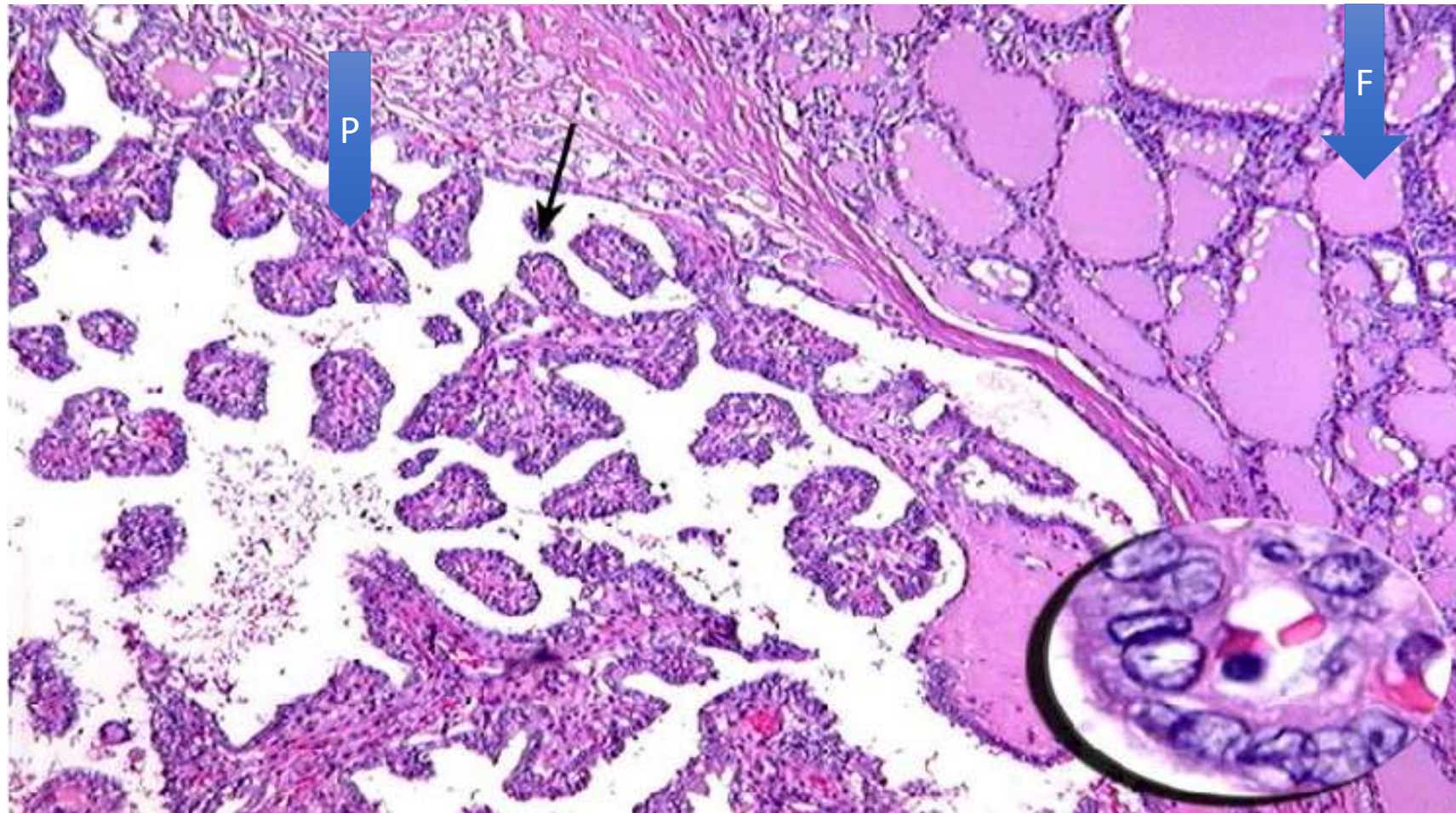
Multinodular goiter: thyroid shows several nodules, some are hemorrhagic (HN), others contain colloid (CN) and some become cystic.



Papillae (P). Note the difference from the normal follicles (F)



Papillae (P). Note the difference from the normal follicles (F)



Nodular cortical hyperplasia



Hyaline arteriosclerosis

