

DR.EMAN KREISHAN, M.D.

17-5-2023



Asymetrical unilateral thyroid goiter



Exophthalmas



Apathic patient (loss of facial expression & loss of eye brows) due to hypothyroidism

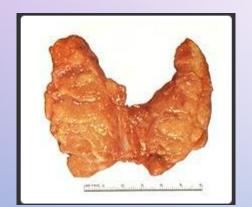




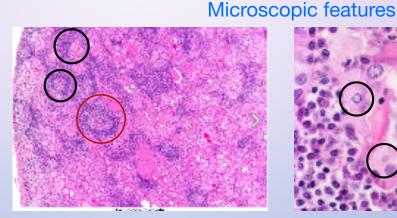


Hypothyroidism

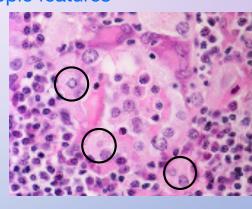
HASHIMOTO'S THYROIDITIS



Enlarged thyroid with minimum lobultion



1-Dense lymphoid follicles



2- hurthle cells (enlarged follecular cell filled with abundant

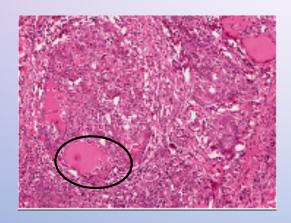




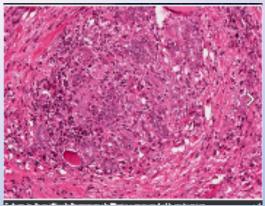


De Quervain Thyroiditis

Known as sub acute granulmatous thyroditis

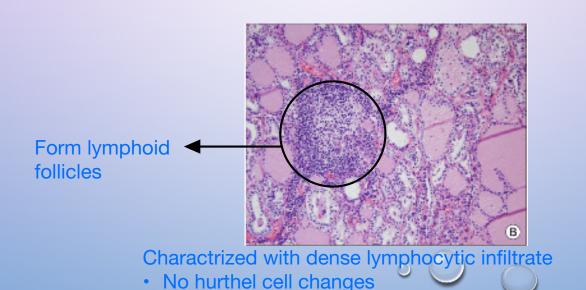


Fused macrophage (gaint cell)



Granuloma (central macrophages surrounded by lymphocytes)

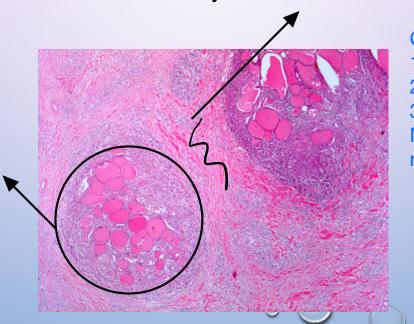
SUBACUTE LYMPHOCYTIC THYROIDITIS: (Silent)





Extensive collagen deposition (fibrous band) which extend beyond thyroid gland Reidel's Thyroiditis

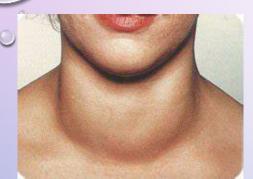
 Compressed thyroid follicles from fibrosis



Clinically:

- 1- asymmetrical
- 2- fixed
- 3- enlargement Misdiagnosed with malignancy

GRAVE'S DISEASE



Goiter



Exophathalmous

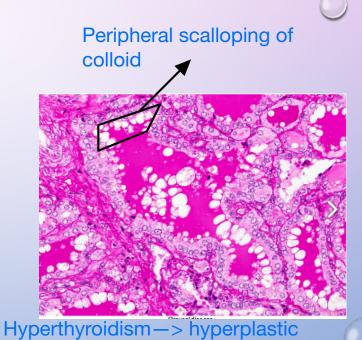


Pretibial myxedema





Very enlarged thyroid with beefy cut surface & multiple nodules

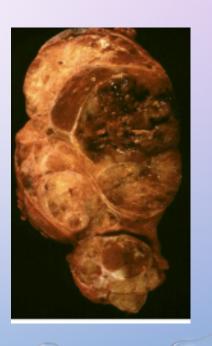


follicular cell

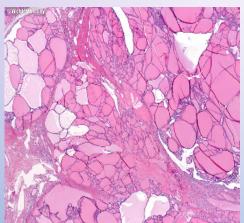
DIFFUSE & MULTINODULAR GOITRE

Diffuse thyroid enlargement with multiple nodule

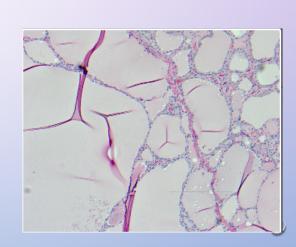




DIFFUSE & MULTINODULAR GOITRE

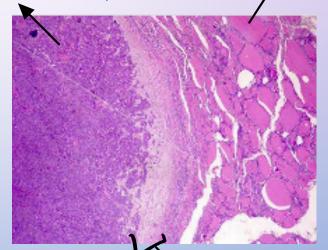


Vanobally sized dilated follicle lined by hyperplastic epithelium





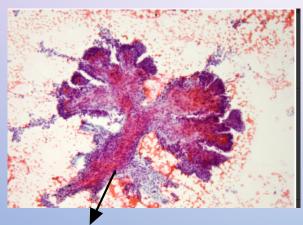




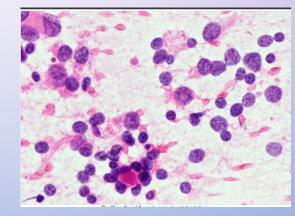
Single well circumscribed mass devoid from hemorrhage or necrosis

Surrounded by thin intact regular capsule

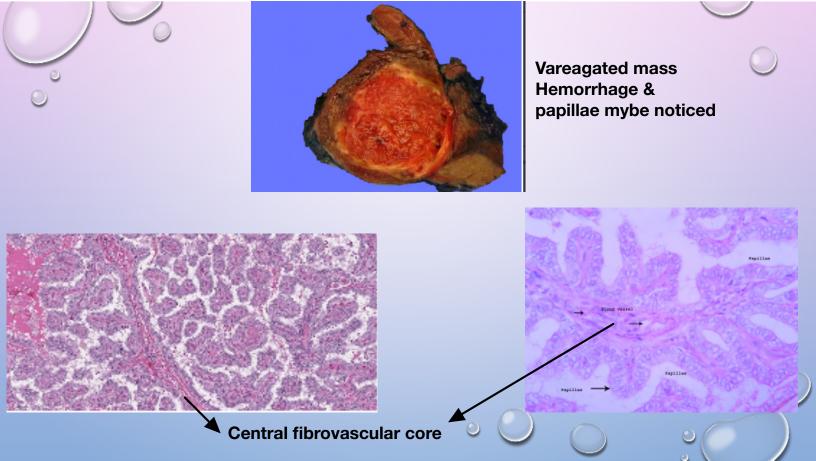
PAPILLARY CARCINOMA

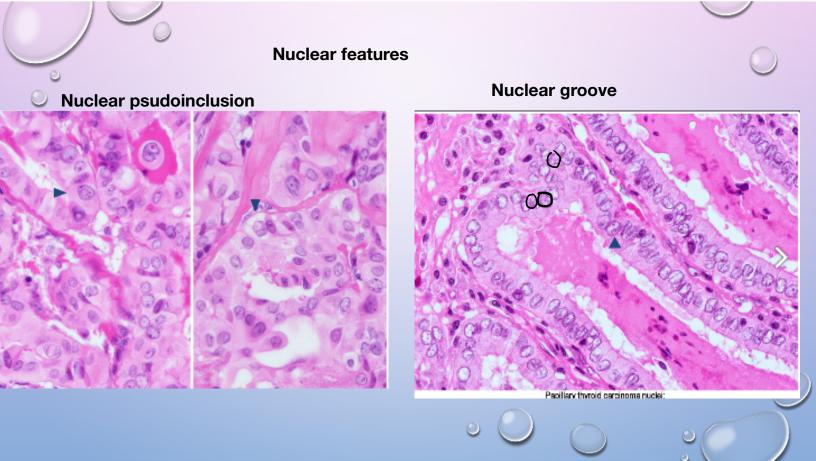


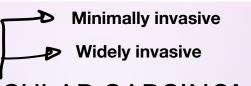
Central fibrovascular core surrounded by tumor cell



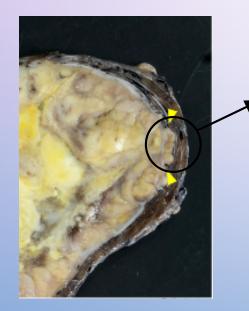
Represents nuclear features (pseudoinclusion) Central eosinophilic structure inside nucleus







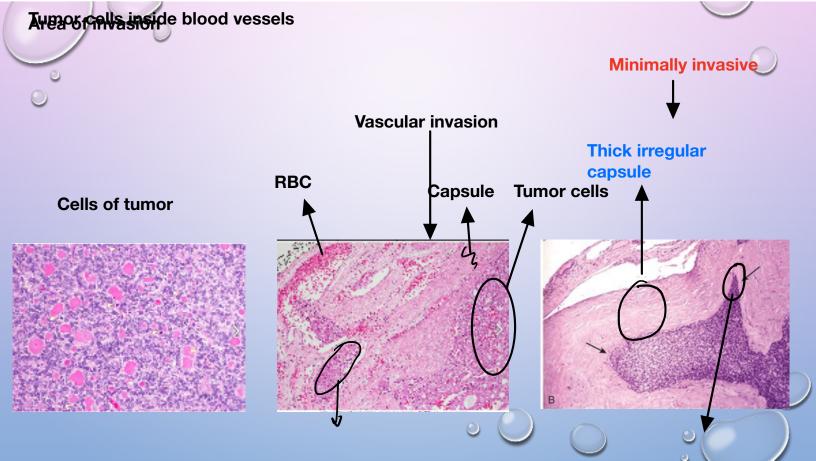
Surrounded by thick irregular capsule CARCINOMA

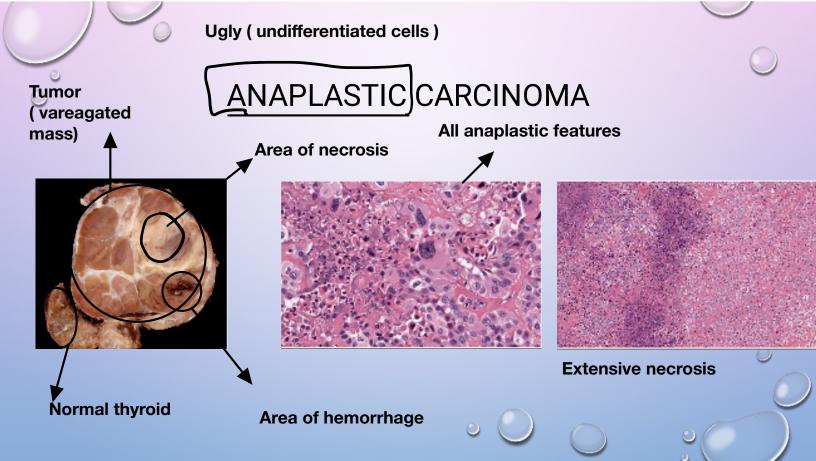


Area of invasion

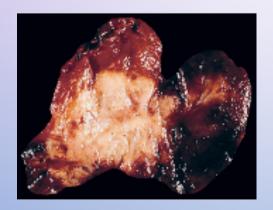


Widely invasive follicular carcinoma in this diaphragm, there is no capsule

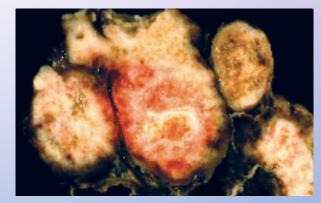




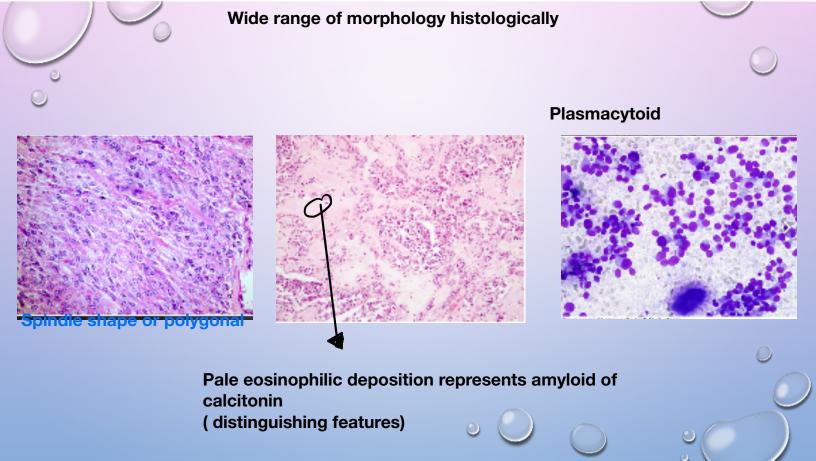
MEDULLARY CARCINOMA.



Sporadic carcinoma Single mass



Familial carcinoma Multiple masses

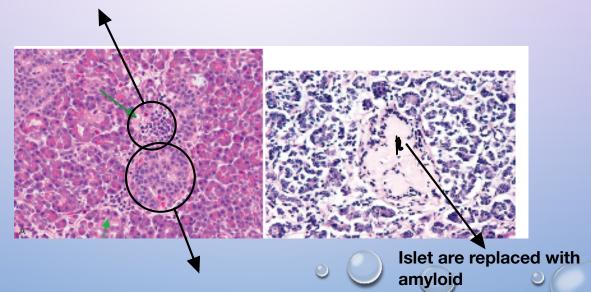


Islet of langerhan

DIABETES MELLITUS.

Lymphocytic infiltration

After long term (complete destruction of islet of langerhans)



Accelerated atherosclerosis

Diabetic macrovascular disease

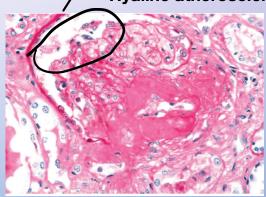
Narrow lumen of BV



Deposition of athyrome (cholesterol cleft with RBC & neutrophils)

Narrowing of lumen caused by accumulation of hyaline

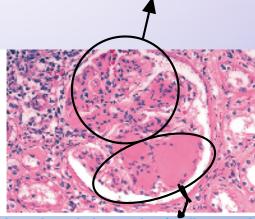
Hyaline atherosclerosis





Normal portion of glomerulus

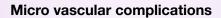
Thickning of basement membrane



Abnormal portion of glomerulus (cell are replaced with extensive sclerosis & fibrous)

Loss of function -> on long term (renal impairment)

manfisted by high certain & urea



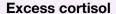
DIABETIC RETINOPATHY Neovascularization

(weak vessels which bleed with exudate)



Hemorrhage & exudate in retina

-> causing pressure on retina leads to retinal detachment



CUSHING SYNDROME

Abdominal striae



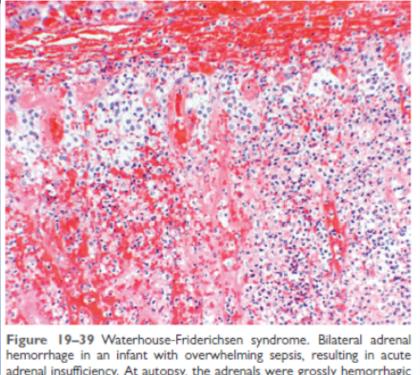
Buffalo hump



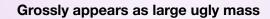


Moon face with acne

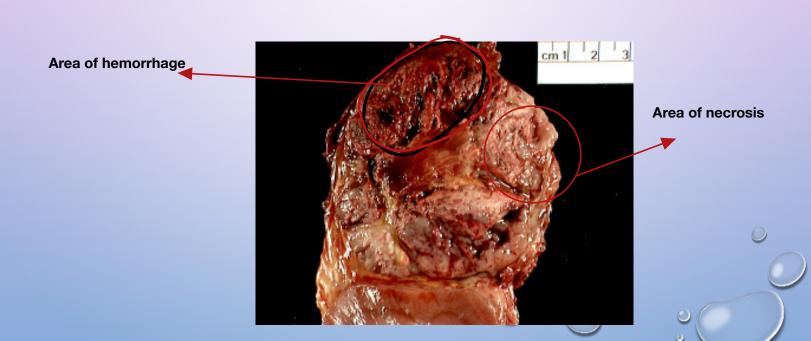


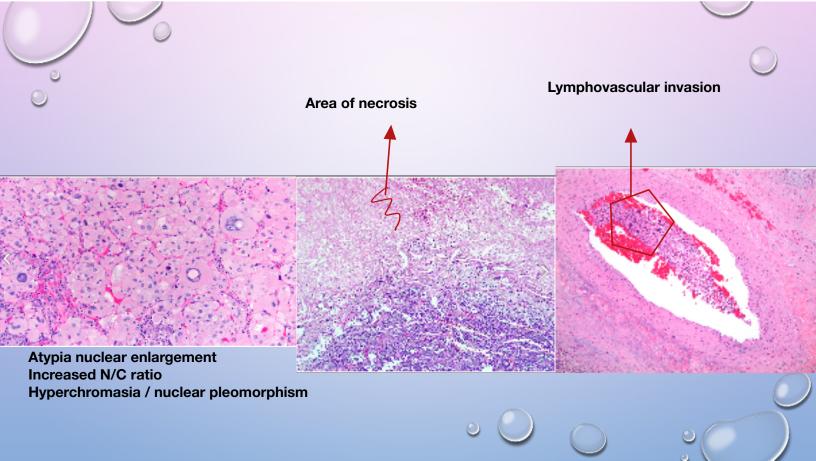


adrenal insufficiency. At autopsy, the adrenals were grossly hemorrhagic and shrunken; in this photomicrograph, little residual cortical architecture is discernible.



ADRENALCORTICAL TUMORS

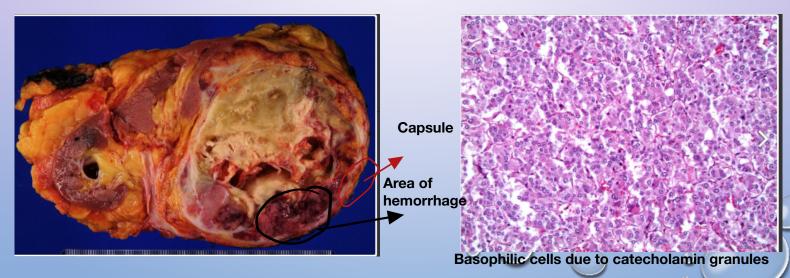




PHEOCHROMOCYTOMA

Metastatic is the only feature of malignanancy

Zelballen pattern under microscope (arranged as trabeculoe)



Hashimoto's thyroiditis



تحية اجلال للمحاربين الذين وصلو الى هنا ♥ سدد الله خطاكم ونفع بعلمكم لا تنسونا من صالح دعائكم ♥ #لجنة_الطب_والجراحة