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Orbital tumors

ORBITAL

TUWascuRas

• Capillary haemangioma tum@avernous haemangioma

2. Lacrimal gland

tuniours Carcinoma

3. Neural tumours

- Optic nerve glioma
- Optic nerve sheath meningioma
- Sphenoidal ridge meningioma

4. Miscellaneous tumours

- Lymphoma
- Rhabdomyosarcoma
- Metastases
- Invasion from

sinuses

Capillary Benign + regress with time

- Most common orbital tumour in children
- Presents 30% at birth and 100% at 6 months



- Most commonly in superior anterior orbit
- May enlarge on coughing or straining
- Associated 'strawberry' naevus is common



- Growth during first year
- Subsequent resolution complete in 70% by age 7 years

Systemic

associations

- High output cardiac failure
- Kasabach-Merritt syndrome thrombocytopenia, anaemia
- Maffuci syndrome skin haemangiomas, enchondromata

Treatment

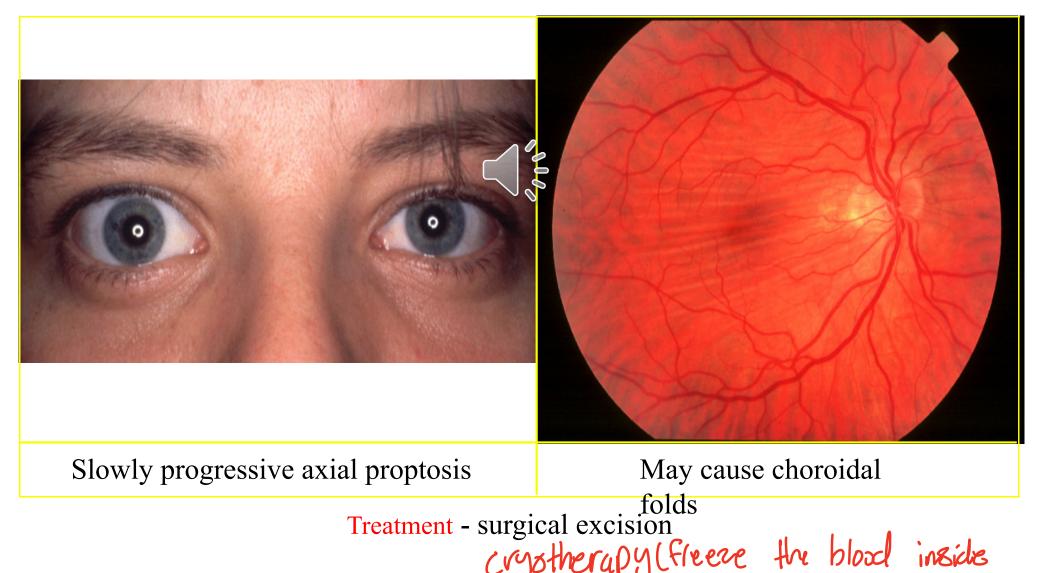
- Steroid injections for superficial component
- Systemic steroids
- Local resection difficult

Cavernous haemangioma

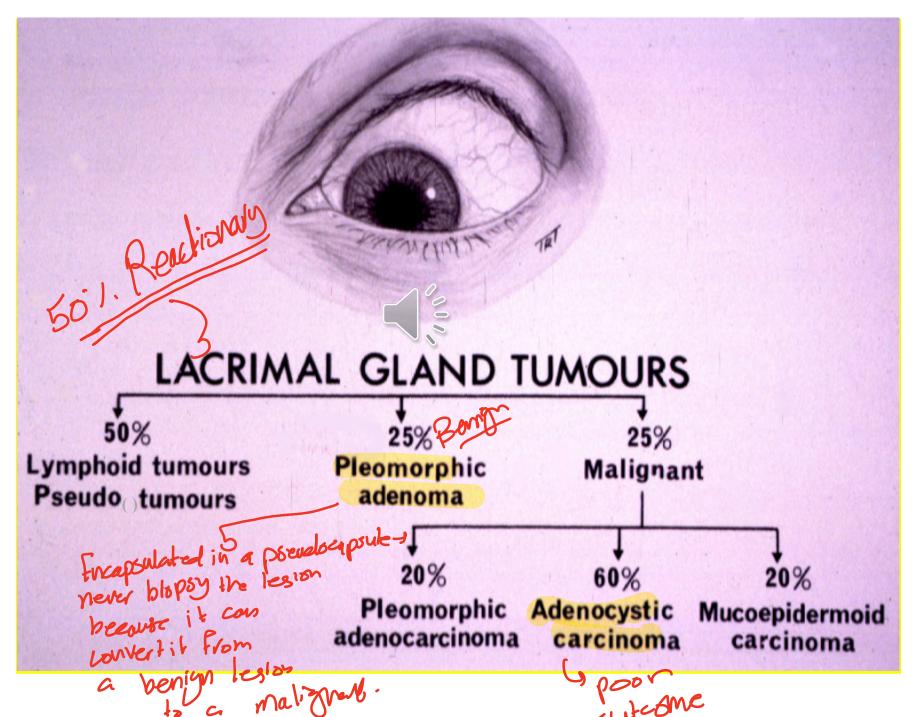
- presents as a lady complaing of phosis in the what ficched eye • Most common benign orbital tumour in adults
- Usually located just behind globe
- Female preponderance 70%

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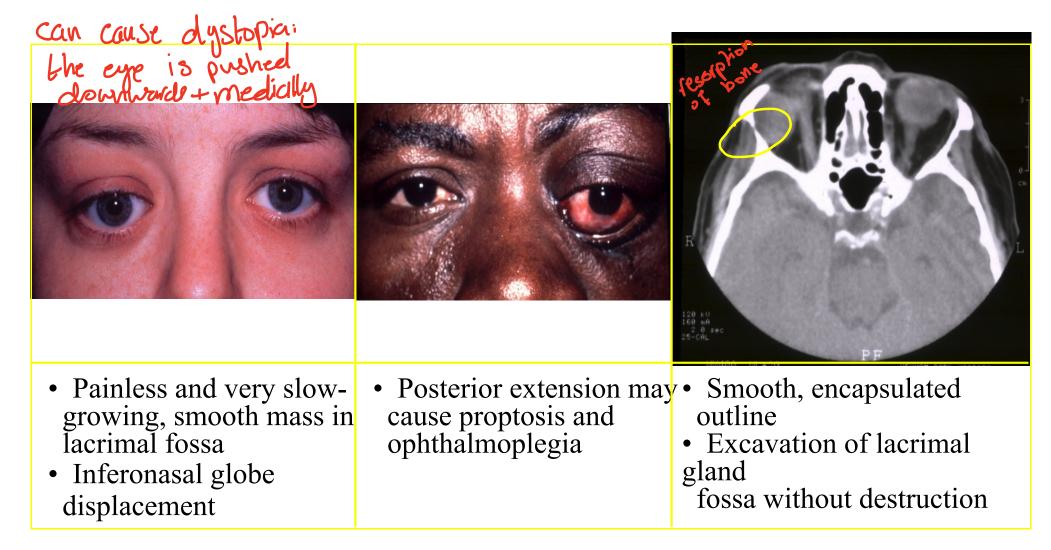
• Presents - 4th to 5th decade



Classification of lacrimal gland tumours



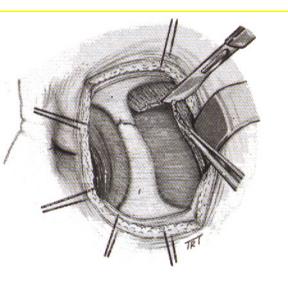
Pleomorphic Lacrimal Gland Adenomaresents - 4th to 5th decade

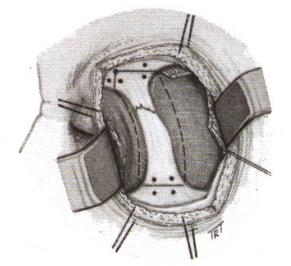


Technique of surgical

• Biopsy is contraindicated • Sprognosis I good if completely excised

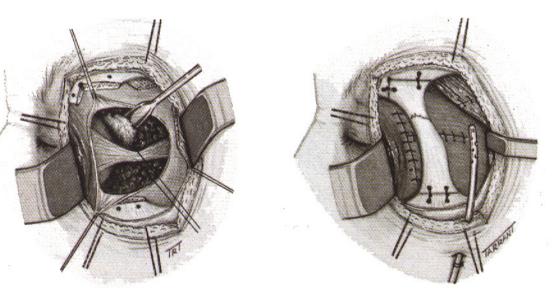
Incision of temporal muscle and periosteum





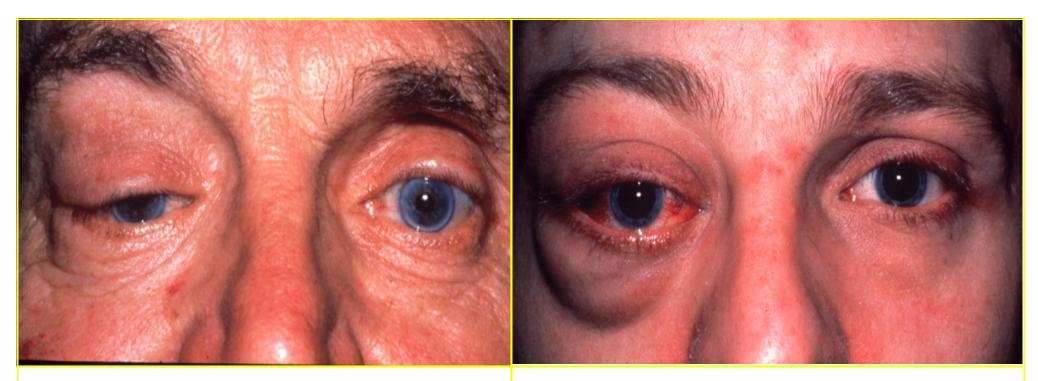
Drilling of bone for subsequent wiring

Removal of lateral orbital wall and dissection of tumour



Repair of temporal muscle and periosteum

Lacrimal gland • Presents - 4th to 6th decades carcinoma • Very poor prognosis



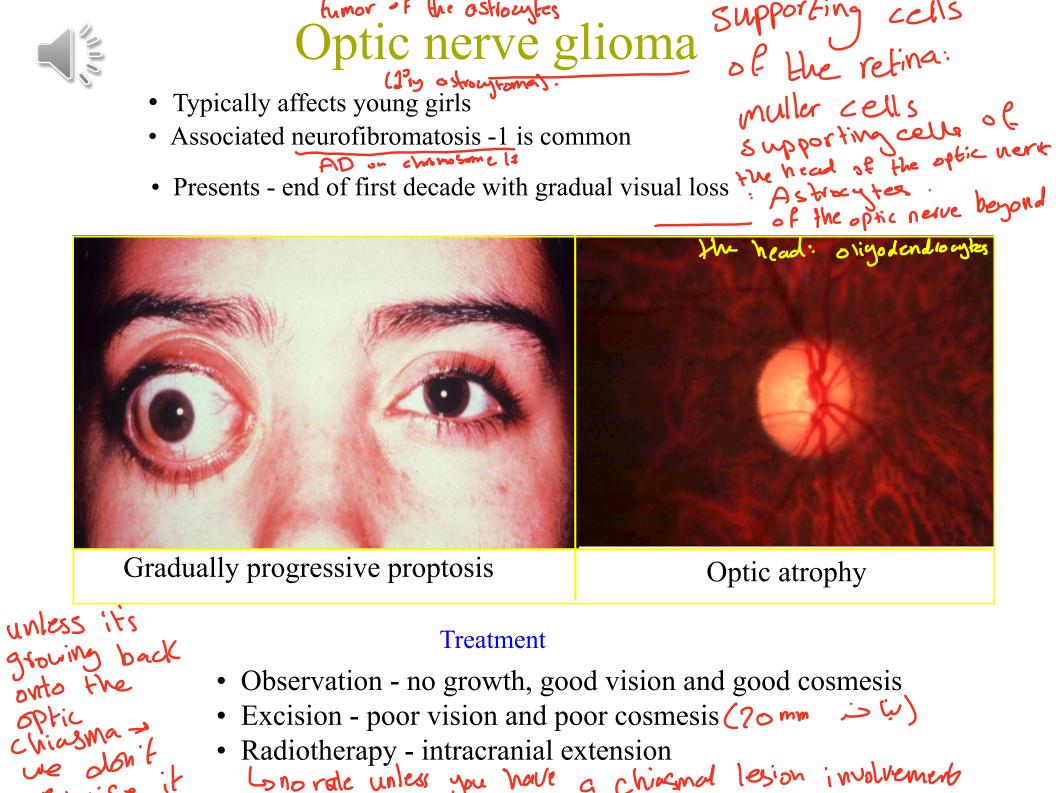
- Painful, fast-growing mass in lacrimal fossa
- Infero-nasal globe displacement

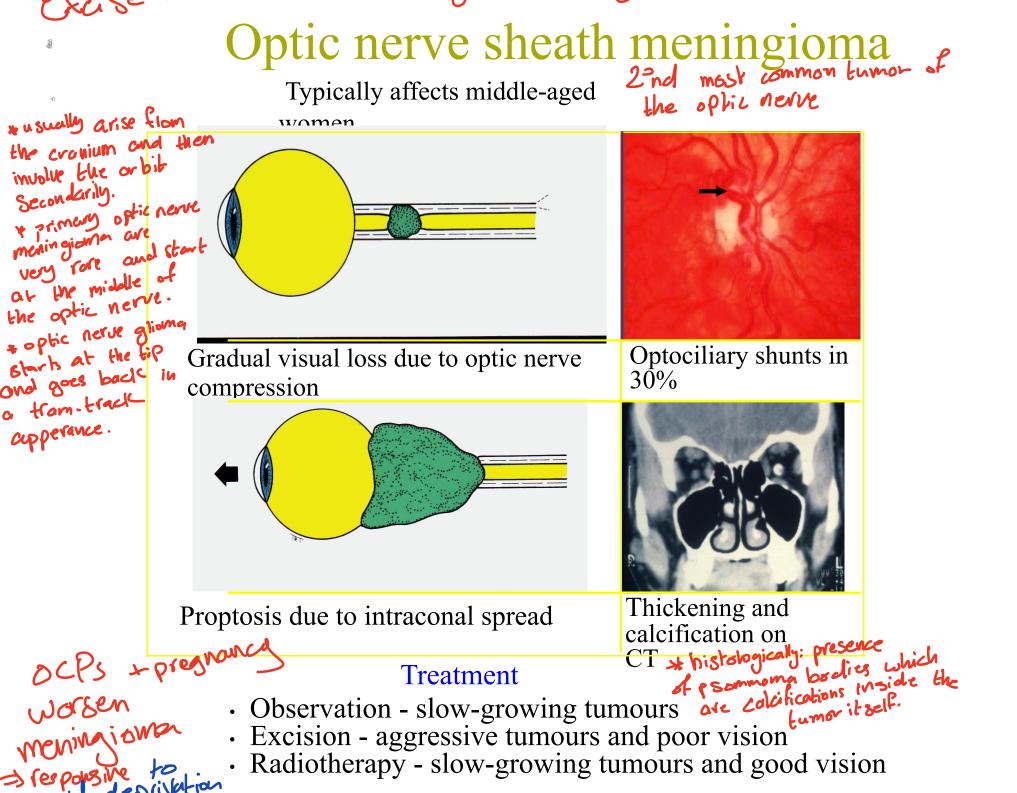
- Posterior extension may cause proptosis, ophthalmoplegia and episcleral congestion
- Trigeminal hypoaesthesia in 25%

Managemen

- Biopsy • Radical surgery and radiotherapy







Steloid againt =>NonHodzin Lymphom Imphis is a will Present - 6th to 8th decades

on MRI you can see the turnor eating most of the orbit structure.





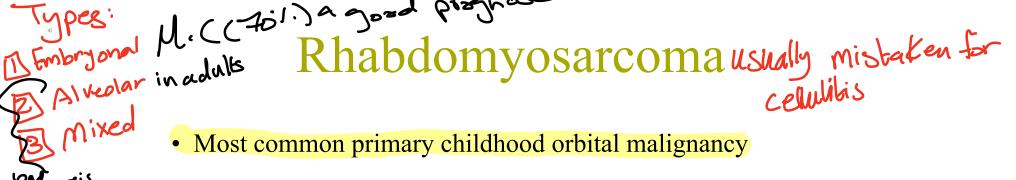
Affects any part of orbit and may be bilateral

Anterior lesions are rubbery May be confined to on palpitation Beely (red/Schmon pabely like lacrimal glands

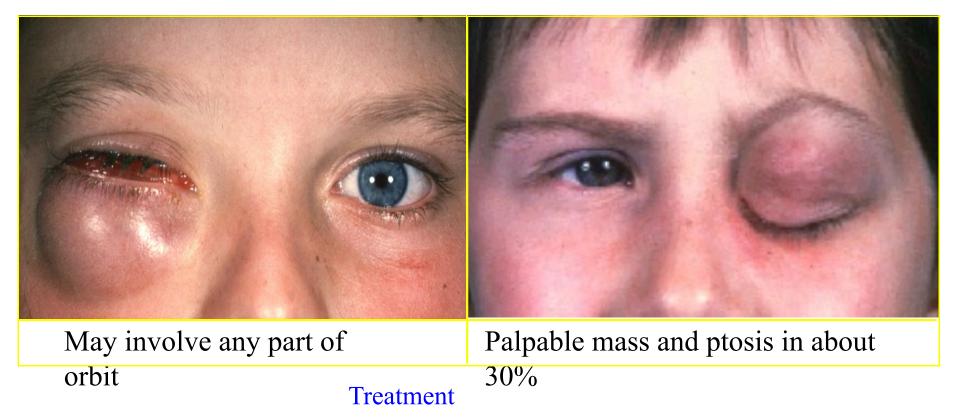
Treatment

- Radiotherapy localized lesions
- Chemotherapy disseminated disease

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- Rapid onset in first decade (average 7 yrs)



- Radiotherapy and chemotherapy
- Exenteration for radio-resistant or recurrent tumours

Nic in adults: Mpts

Adult metastatic tumours Common primary sites - breast, bronchus, prostate, skin melanoma,

Common primary sites - breast, bronchus, prostate, skin melanoma, gastrointestinal tract and kidney

Presentations





Anterior orbital mass with nonaxial globe displacement Enophthalmos with schirrous tumours



Similar to orbital pseudo-tumour



Cranial nerve involvement at orbital apex and mild proptosis

Orbital invasion by sinus tumours



Upward globe displacement and epiphora Lateral globe displacement

Childhood metastatic tumours

