

OSSN - Management:

Topical Chemotherapy

Surgical Excision

Radiotherapy

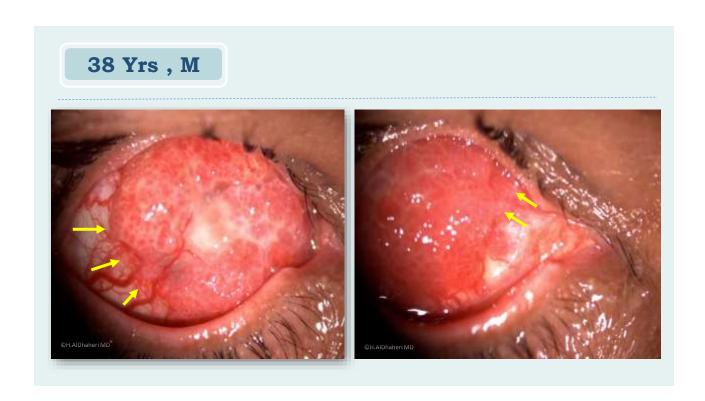
Targeted Therapy

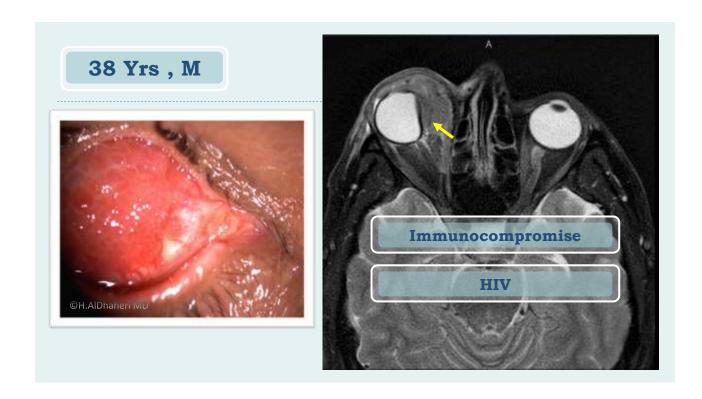


38 Yrs , M

- S/P Excision of Pterygium 4 yrs back.
- Progressive 8 M
- Hx of Chronic HBV





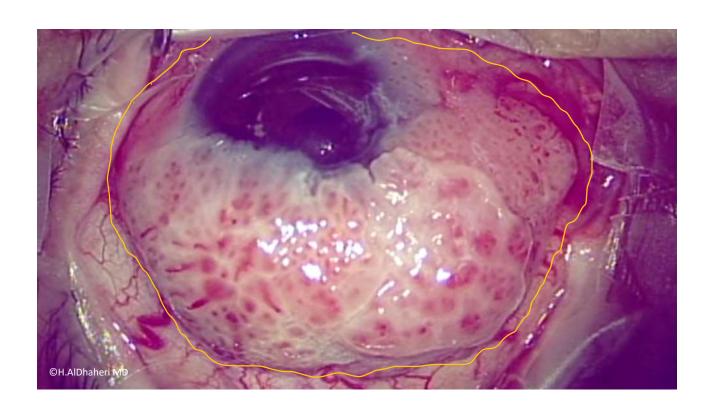


73 yr , M

- Monocular , Good seeing eye
- Progressive 1yr















- Recurrent red eye / Herpetic Keratitis
- Blind painful eye
- Lesion Excised 1 yr back – recurrence



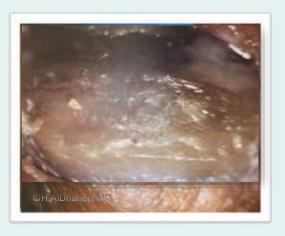
50 Yrs , M





Pigmented Squamous Cell carcinoma

60 Yrs , M

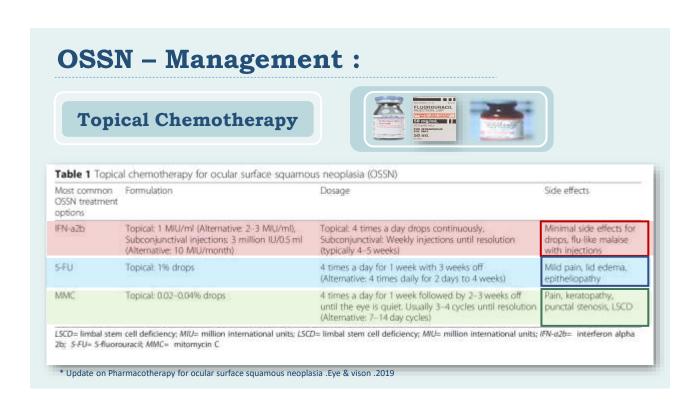


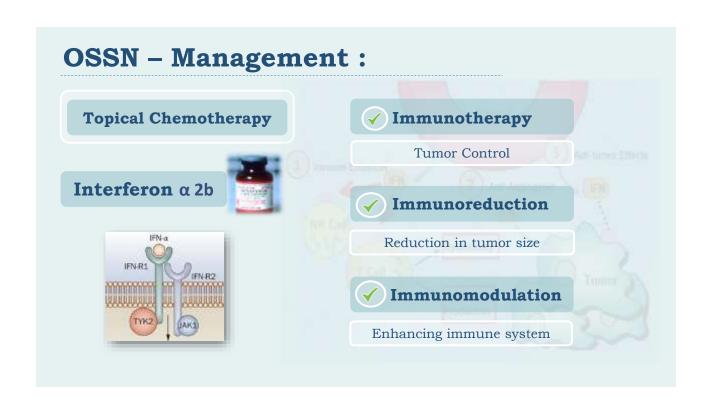
?Hx of Lid lesion Excision



Pagetoid Spread of Sebaceous cell Carcinoma









OSSN - Management:



Subconjunctival Anti-VGF: Variable results



Antiviral: Cidofvir
Limited studies
shown encouraging results
a secondary treatment in multi-refractory OSSN

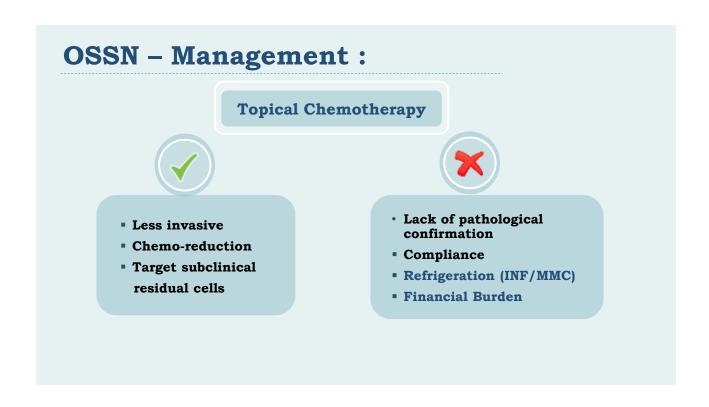
67 yr, M

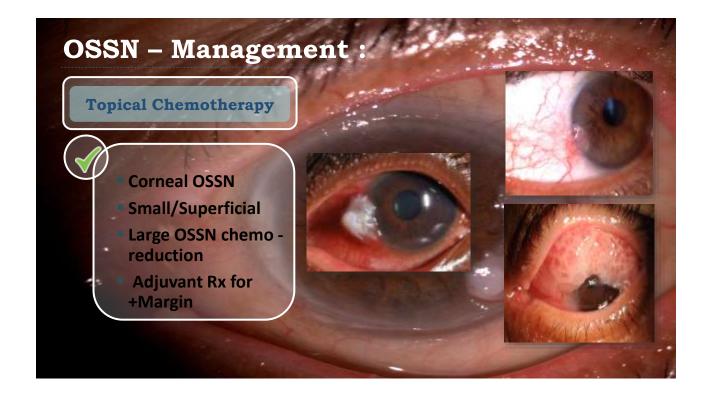


INF a 2b (eye drops)

1 million / IU QID for 4M







OSSN - Management:

Topical Chemotherapy



- ? Diagnosis
- Fixed to Sclera
- Suspicious of invasion
- Poor Compliance



OSSN - Management:

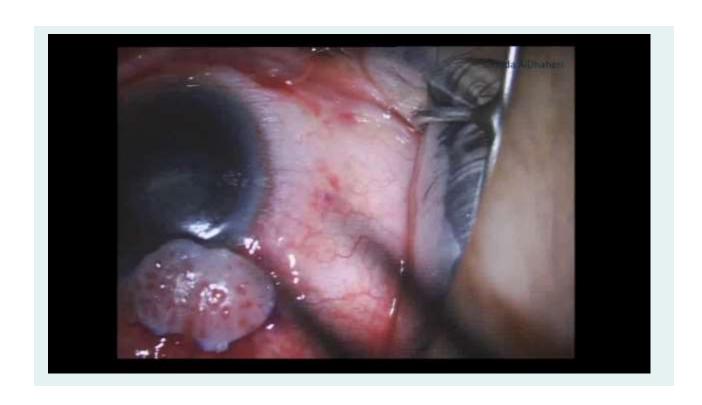
Primary Surgical Excision

- Pathological diagnosis
- Complete cure
- Cost –Effective



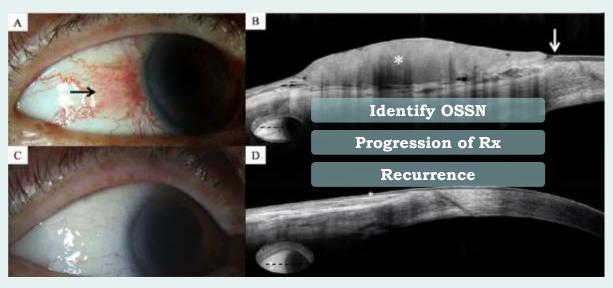
Gold Standard







Anterior Segment OCT:



* Update on Pharmacotherapy for ocular surface squamous neoplasia .Eye & vison .2019

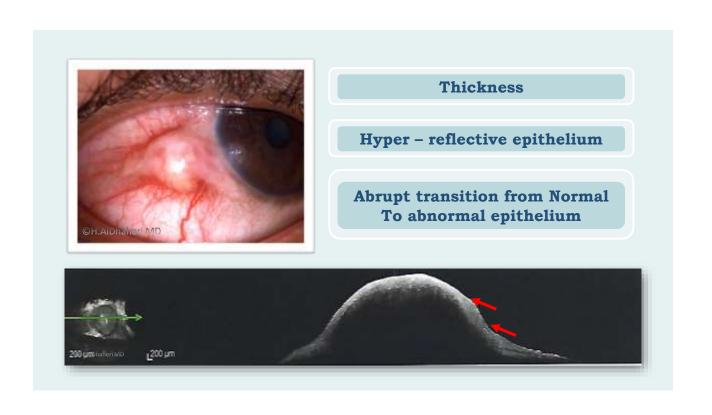


 HR-OCT can detect subclinical OSSN in 17% of the cases that determined to be resolved clinically

33 yr, M

- Progressive 2 M
- No Hx of Trauma
- No systemic disease

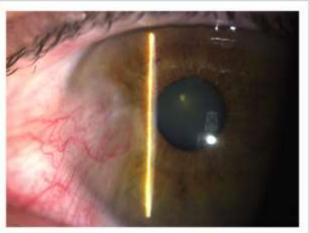


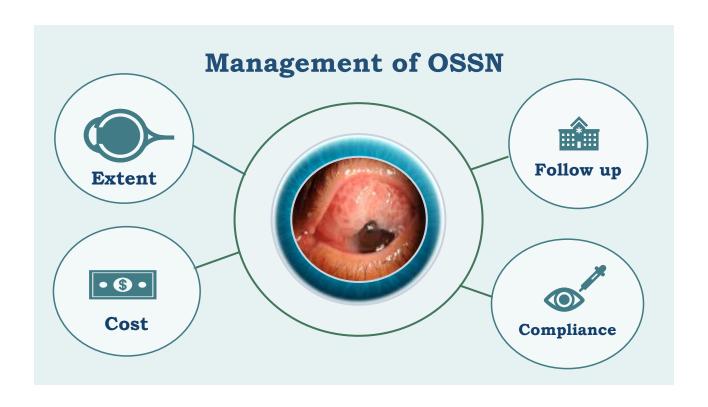




OSSN & HR-OCT:







Summary:

- Through clinical assessment crucial
- Primary Surgical excision is a gold standard
- Topical Chemotherapy is effective in selected cases
- HR- OCT can aid in diagnosis & assess progression with RX.
- HR- OCT is an "optical Mohs" to plane sx

