

WHEN YOUR EYES TALK ABOUT YOUR SYSTEMIC DISEASE



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History of presenting illness

- Presenting A case of 60 yr old male patient came with a complain of protrusion of the right eye along with watering and discharge of the eye since 1 month which was acute and painful in nature. patient consulted to private hospital where he has been diagnosed with hyperthyroidism as serum TSH was < 0.01 ml/L., free T4 was 3.05 ng/dl and hence started on anti thyroid medication.

Past history

- Patient had no any significant Past ocular / medical/surgical /drug /allergic/family history.

General Examination

- Patient had no signs of Anemia /jaundice/Cynosis /clubbing /pallor /lymphedenopathy
- Vitals were within normal limits

- Ocular examination :

Right eye		Left eye
Both eye lid mild edema	eyelid	normal
Congestion and chemosis	conjunctiva	normal
Arcus senilis with exposure keratitis	cornea	Arcus senilis
normal	anterior chamber	normal
normal	iris	normal
Reactive with direct and consensual reflex present	pupil	Reactive with direct and consensual reflex present
IMC	lens	IMC

exotropia	ocular position	normal
all movements mild restricted	ocular movement	full
6/60	vision	6/36
NIPH	pin hole	NIPH

There was no any previous ocular surgery or ocular trauma
Neither there were any other systemic illness.



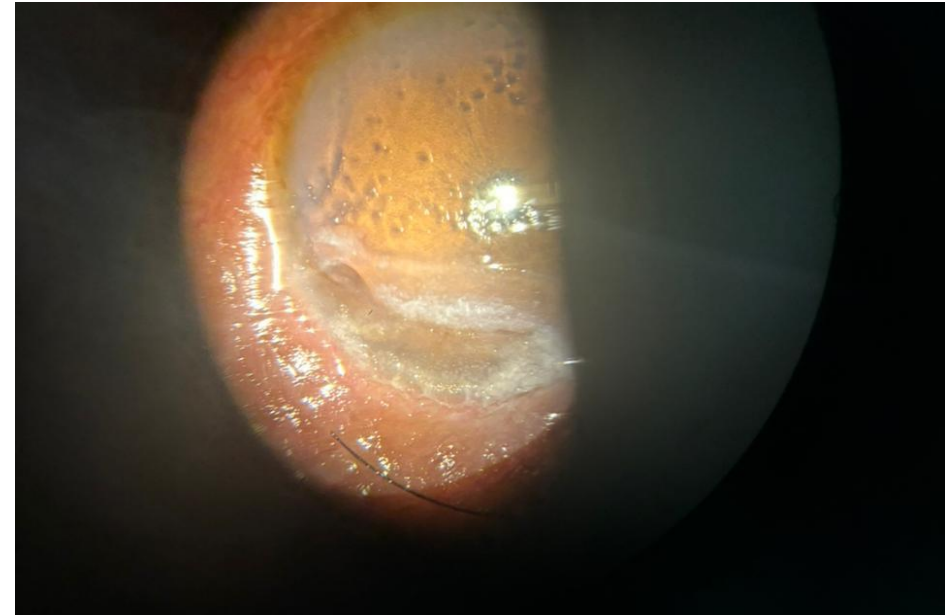
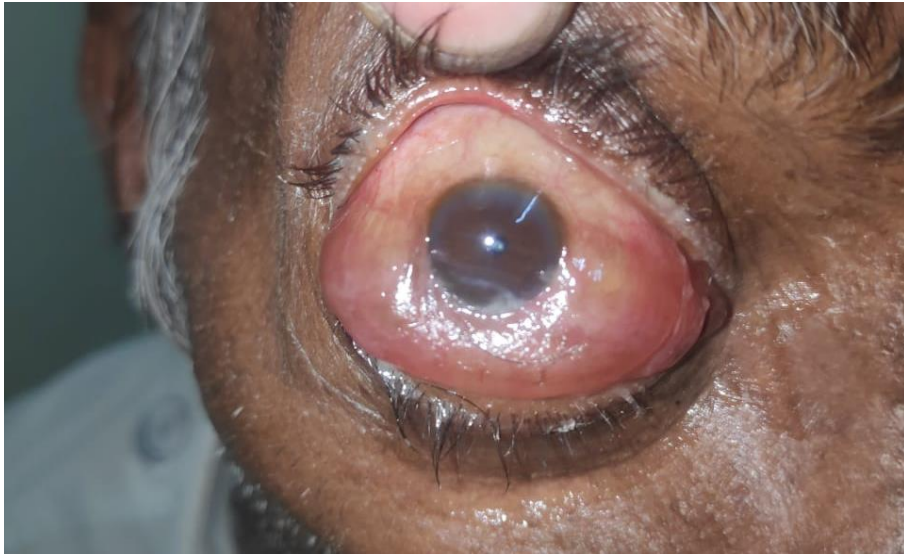
Fundus examination

Right eye		Left eye
IMC [grade 2 +pscc + corticals]	Media	IMC [grade 2 +pscc+corticals]
normal	disc	normal
Dull FR	macula	Dull FR
normal	blood vessels	normal
normal	back ground	normal

16 mm hg

intra ocular pressure
[NCT]

14 mm hg



How we treated ?

- Affected eye were padded with HPMC eye onitment twice a day
 - Patient was treated with injection methyl prednisolone 500 mg BD intravenously for 3 days followed by oral steroids
 - Injection vitamin B12 intramuscularly on alternate day
 - Tablet Multivitamins
 - Proptosis was reduced gradually following the treatment.
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- Patient has been adviced for regular follow up after discharge
 - Exophthalmos as well as the other symptoms like exposure keratitis were gradually reduced following treatment

pre treatment



post treatment



Conclusion

So we can state that EYE symptoms can be a crucial diagnostic clue to identify the underlying systemic health issues .

Conflict of interest

The Authors declares that they have no conflict of interest

Informed consent

Informed consent was obtained from Patient for this case presentation

THANK YOU