

PP105 – AN INTERESTING CASE OF PSORIATIC ARTHRITIS WITH UVEITIS.



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BACKGROUND

- The relationship between the eye and psoriasis has known for decades.¹
- Ocular findings include conjunctivitis (19.6%), followed by uveitis (7.1%), episcleritis and dry eye.¹
- Psoriatic arthritis precedes psoriatic eye manifestations, but a minority of cases are seen in the reverse order.¹

CASE PRESENTATION

- 54-year-old hypertensive, diabetic male, known case of psoriatic arthritis presented with chief complaints

- Redness
 - Pain
 - Diminution of vision
- } OS>OD since 3 months

ON SLE	RIGHT EYE	LEFT EYE
BCVA	6/6, N6	6/12 → NI, N12
Adnexa, lids	Normal	Normal
Conjunctiva	Normal	Circumcorneal congestion
Cornea	Clear	KPs; Nebular corneal opacities
AC	VH - IV	VH - IV; Cells ++ Flare ++
Iris	Normal	Normal
Pupil	Round, Reacting to light	Posterior synechiae
Lens	Pigments on Lens	Early cataractous changes, Pigments on the lens
IOP with GAT	12 mm Hg	09 mm Hg
Fundus	WNL	Suspected CME



Fig.1 Thimble pitting



Fig.2 Arthritis mutilans



Fig.3 Face and neck spared



Fig.4 Onycholysis



Fig.4 Psoriatic plaque at elbow

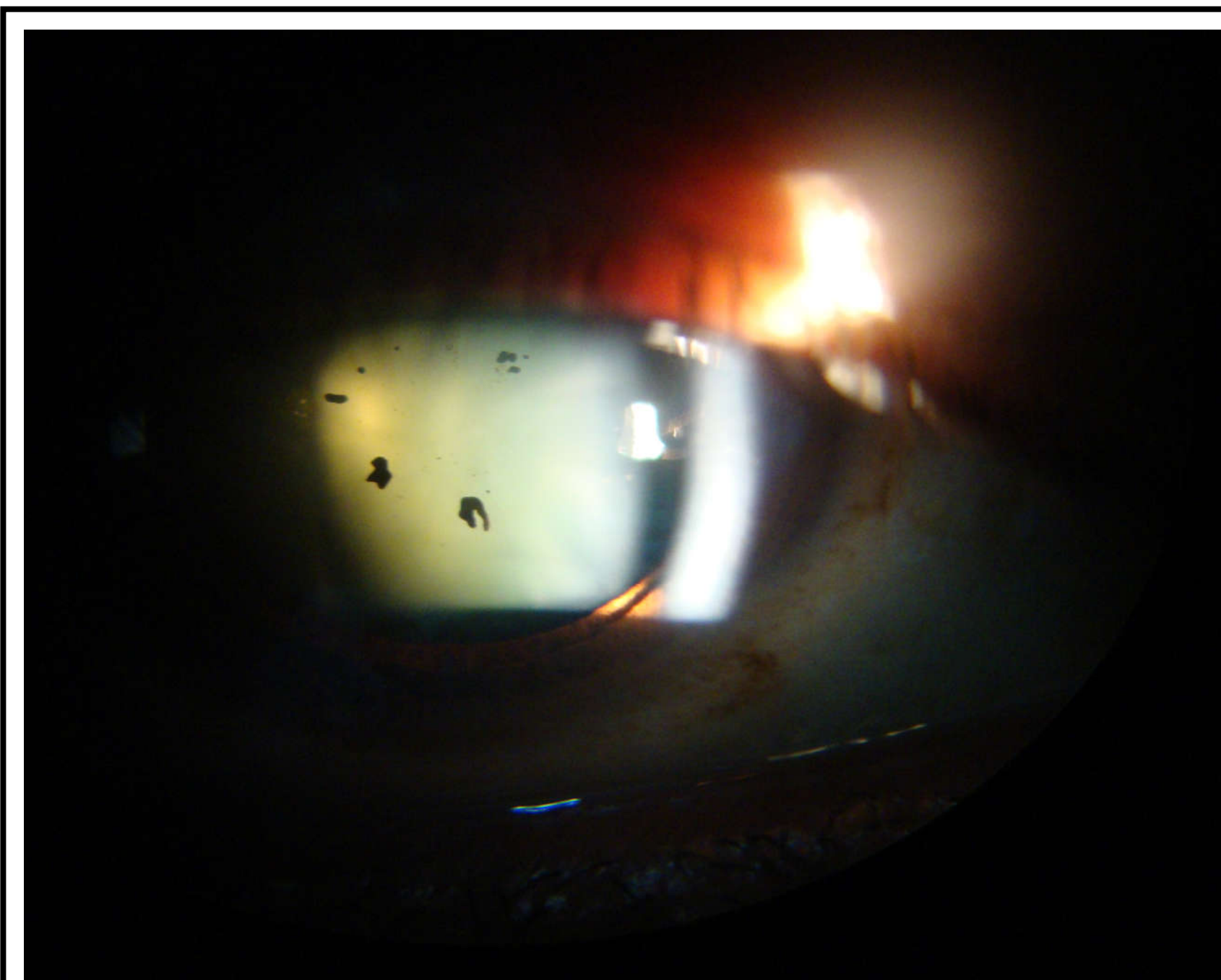


Fig. 6 Slit lamp photograph OD showing pigments on lens capsule

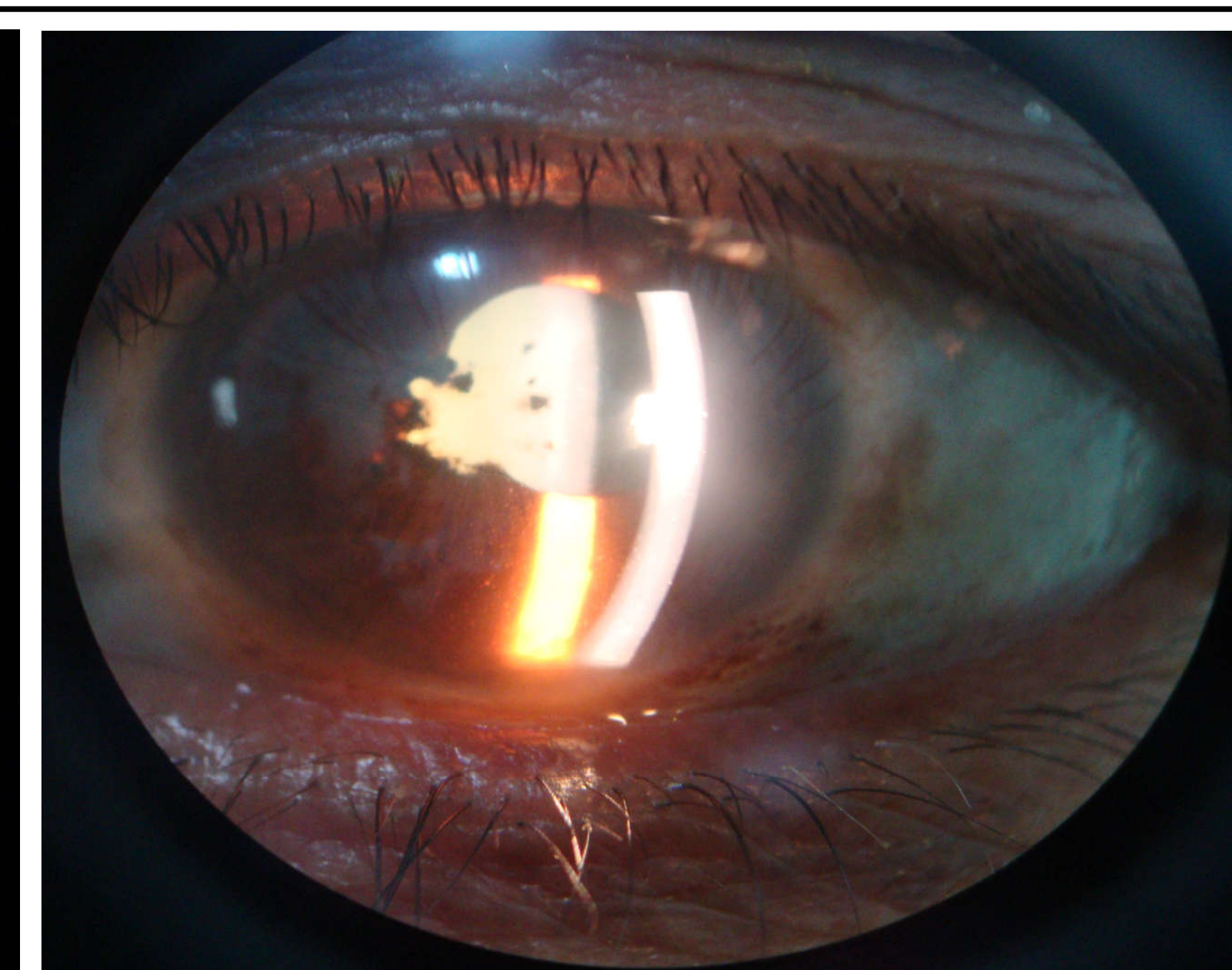


Fig. 7 Slit lamp photograph OS showing posterior synechiae.

INVESTIGATIONS

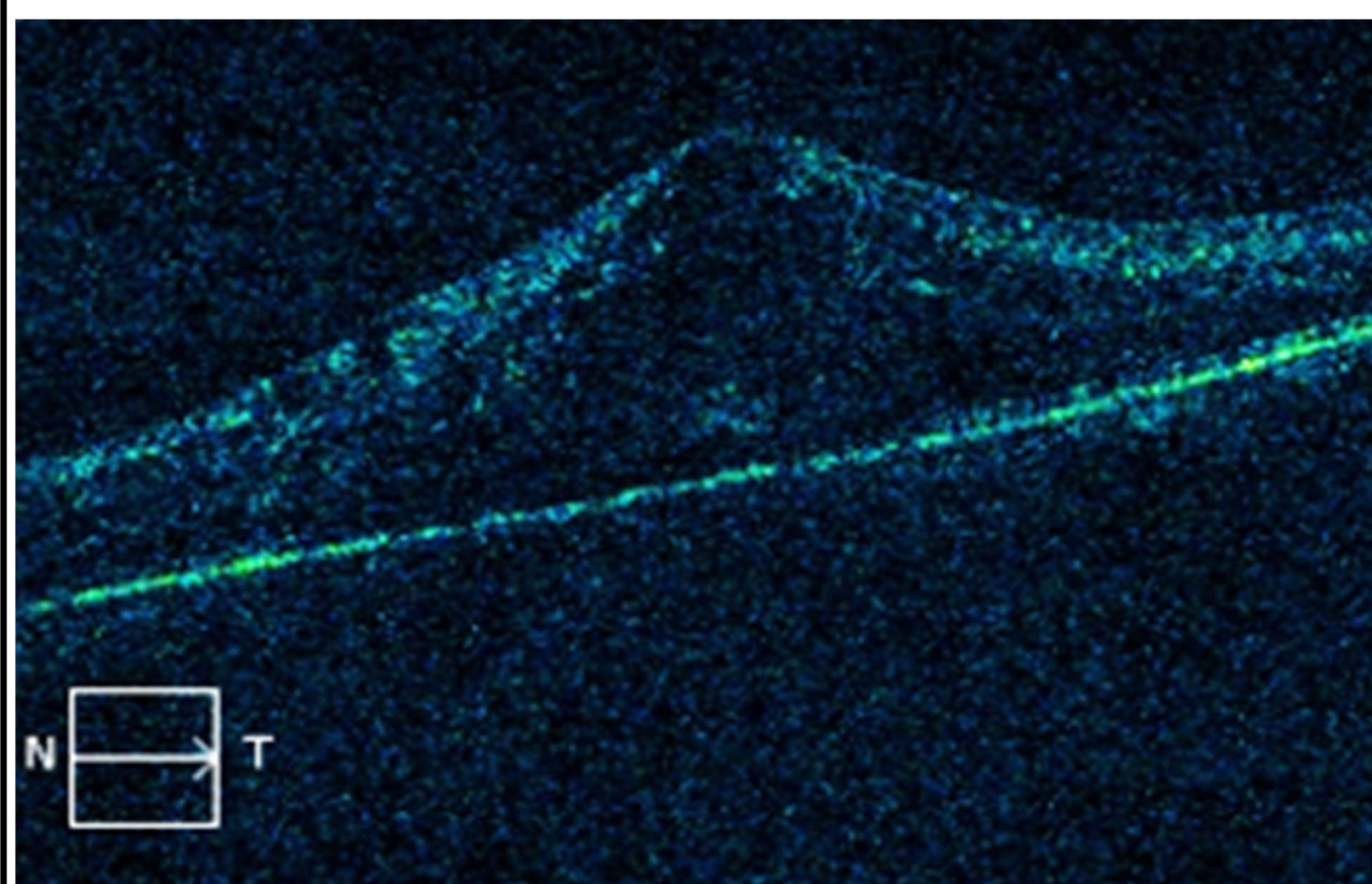
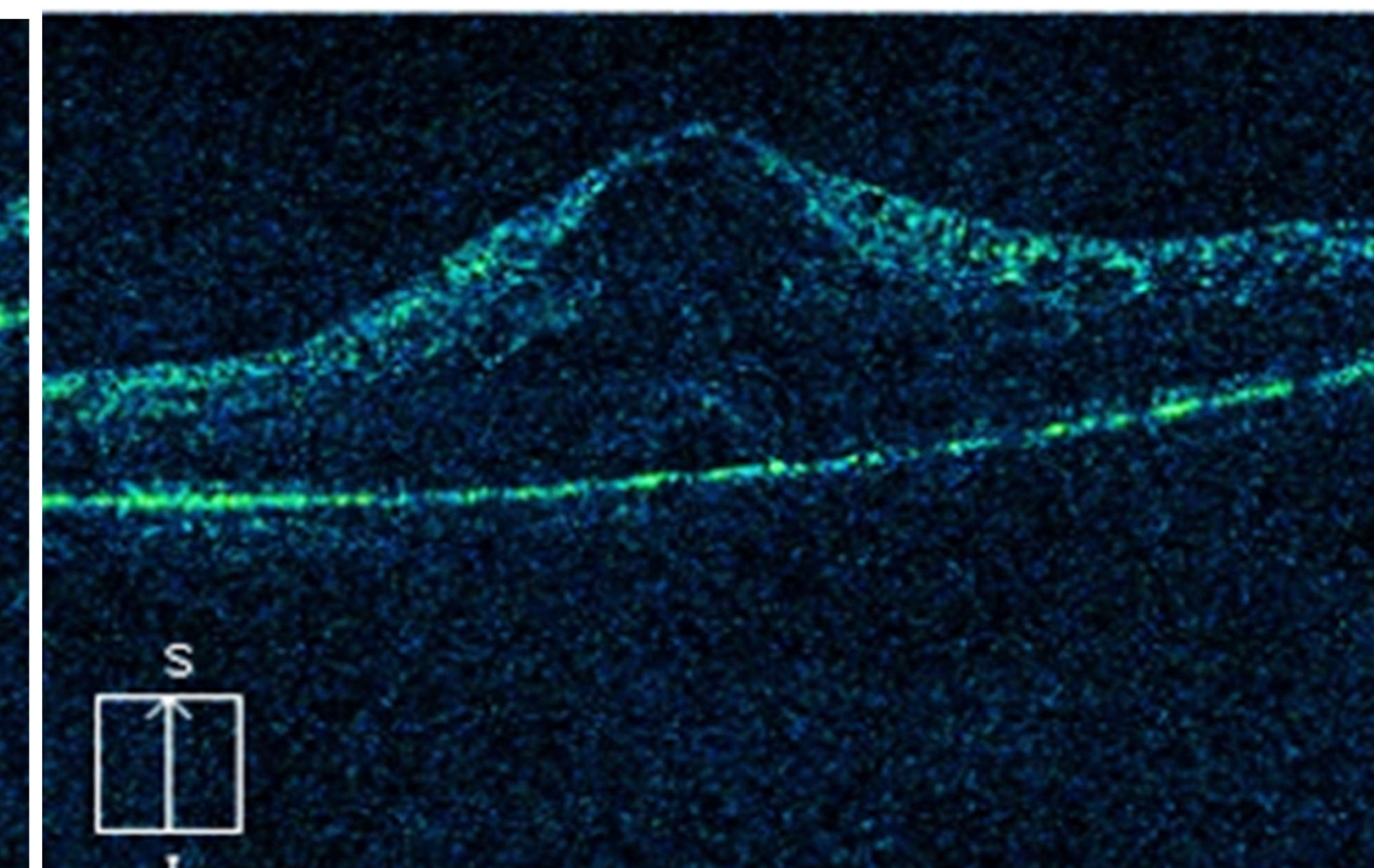


Fig. 8 OCT OS showing cystoid macular edema



- Rheumatoid factor negative, Antinuclear antibody negative.

MANAGEMENT AND OUTCOME

- Posterior sub-tenon 1ml injection of triamcinolone 40mg was given in OS.
- Patient was started on topical prednisolone acetate, topical homatropine and carboxy methylcellulose eye drops.

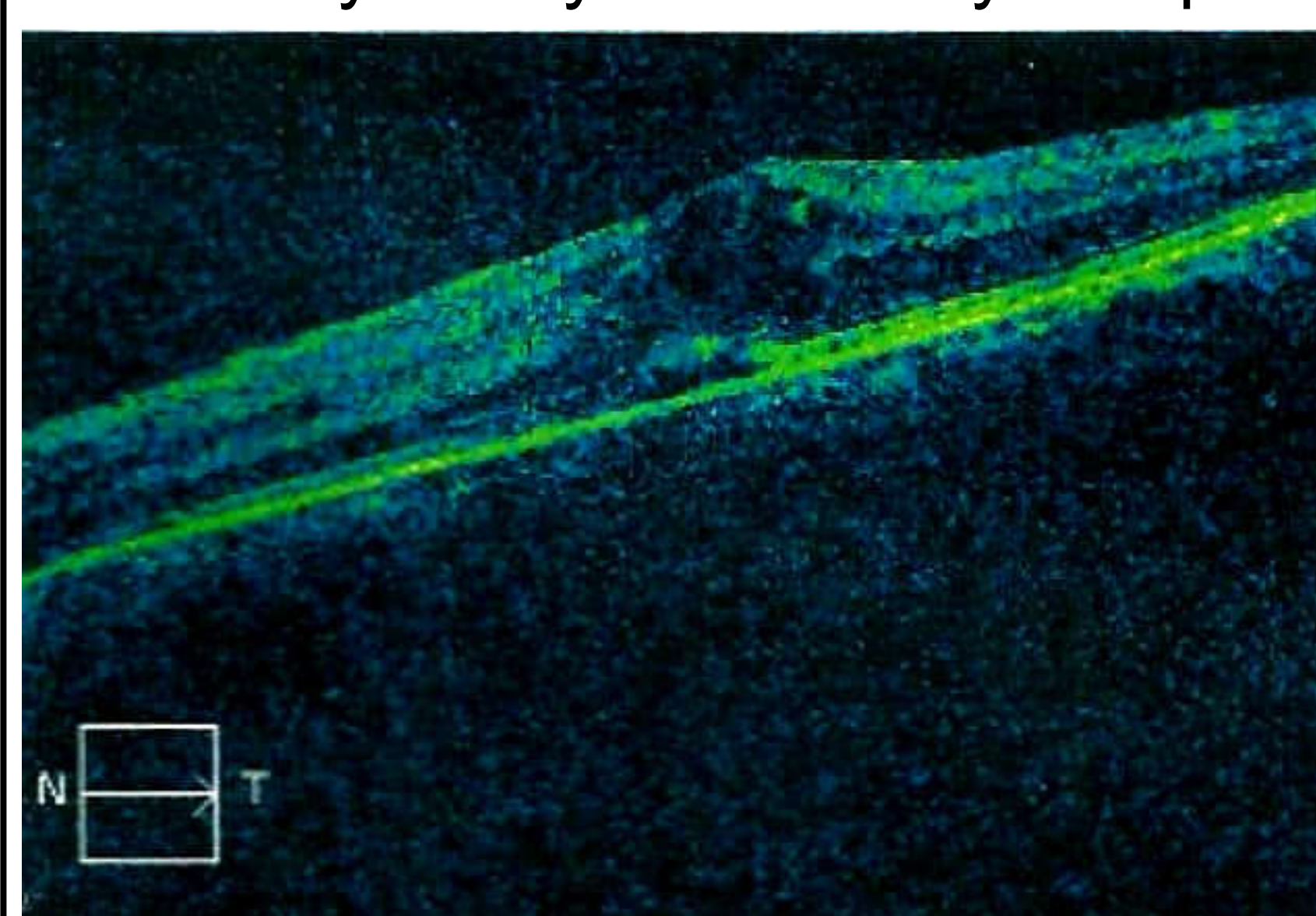
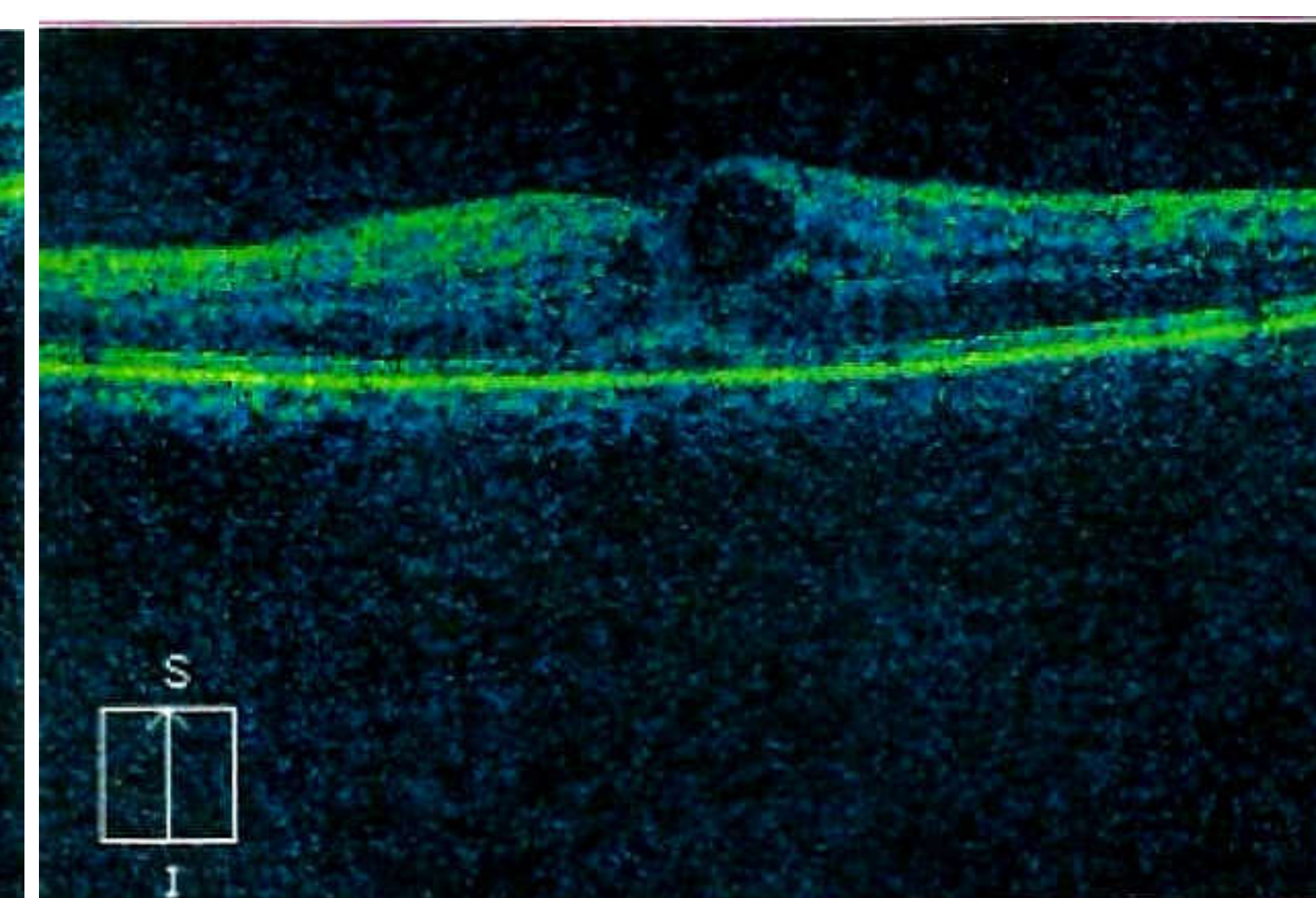


Fig. 9 OCT OS showing resolving cystoid macular edema



1 MONTH FOLLOW UP	RIGHT EYE	LEFT EYE
Post treatment BCVA	6/6, N6	6/12 → 6/7.5, N6

DISCUSSION

- A randomized controlled trial found prednisolone acetate 1% eye drops to resolve acute anterior uveitis in 80% -90% of cases by 4 weeks.²
- Intravitreal implants improved visual acuity and inflammation in a long-term follow-up study of patients with noninfectious posterior uveitis.³

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