

## ARTICOLO

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## VALENTINE' SYNECHIAE

## ABSTRACT

Posterior synechia formation can occur as a result of various ocular inflammatory conditions.

Here we report a case of persistent posterior synechia after hyphaema drainage.

## RIASSUNTO

La formazione di sinechie posteriori può verificarsi a seguito di diverse condizioni infiammatorie oculari.

Qui riportiamo un caso di sinechie posteriori persistenti dopo drenaggio di ifema.

## CASE

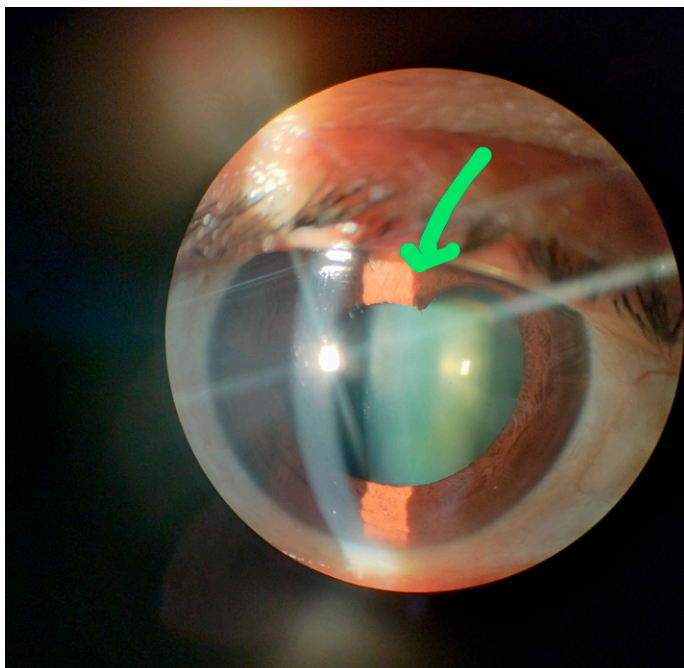
A 37-year-old male underwent surgical drainage of a full chamber non resolving hyphema (post traumatic) in his right eye.

He was on standard therapy for hyphema which included antibiotic plus steroids, cycloplegics and intraocular pressure lowering drugs, with a preoperative best corrected visual acuity of 6/60 in the right eye and intraocular pressure fluctuating between 25mm Hg to 35 mm Hg. Postoperative right eye picture revealed a single posterior synechia at 12 o' clock position resembling a heart (**figure 1**).

The intraocular pressure and visual status was back to normal in the right eye, but the posterior synechia persisted despite cycloplegics and antibiotic plus steroids administration. Posterior synechia are the adhesions between the anterior lens surface and posterior surface of iris.

Cycloplegics cause paresis of the iris and ciliary muscle and keep the pupils mobile, thereby preventing the formation of synechia, plus have other benefits as well.<sup>(1)</sup>

We present this case for the rare picture we encountered, though posterior synechia is a common entity seen in ocular inflammatory disorders.



■ **Figure 1**

## References

1. Agrawal RV, Murthy S, Sangwan V, Biswas J. Current approach in diagnosis and management of anterior uveitis Indian J Ophthalmol: 2010;58:11-19.

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