

Free floating pigmented vitreous cyst

A 32-years-old female was referred for a mass in her left eye detected on routine examination. The ocular examination was normal with unaided visual acuity of 20/20 in her left eye. There were no signs of ocular trauma/inflammation. A single, pigmented, free-floating cyst was noted in the anterior vitreous [Fig. 1a and c] that showed speckled bright areas on infrared reflectance imaging [Fig. 1b]. In view of no symptoms, the patient was advised conservative management. These cysts have been reported rarely. These may represent choristoma of the hyaloid vascular system or may originate from ciliary epithelium. Acquired cysts can be found in association with retinoschisis, retinitis pigmentosa, trauma, coloboma, retinal reattachment surgeries and intraocular inflammation.^[1,2] Though usually asymptomatic, vitreous cysts can disturb visual function when cyst floats into the visual axis. A period of observation should be recommended before invasive intervention in the form of laser cystotomy or vitrectomy.^[3]

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

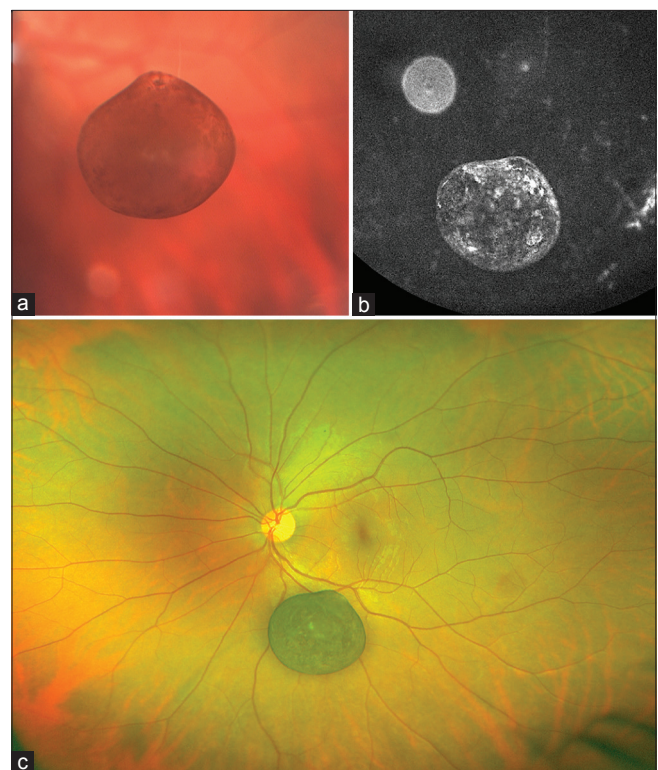


Figure 1: Fundus colour photograph (a) and ultra-widefield pseudocolour photograph (c) of the left eye of a 32-year-old female showing pigmented vitreous cyst. Infrared imaging shows multiple areas of hyperreflectance over the surface of cyst (b)

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Conflicts of interest

There are no conflicts of interest.

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