

Ophthalmic Images

Four-Year Follow-Up of a Pigmented Vitreous Cyst

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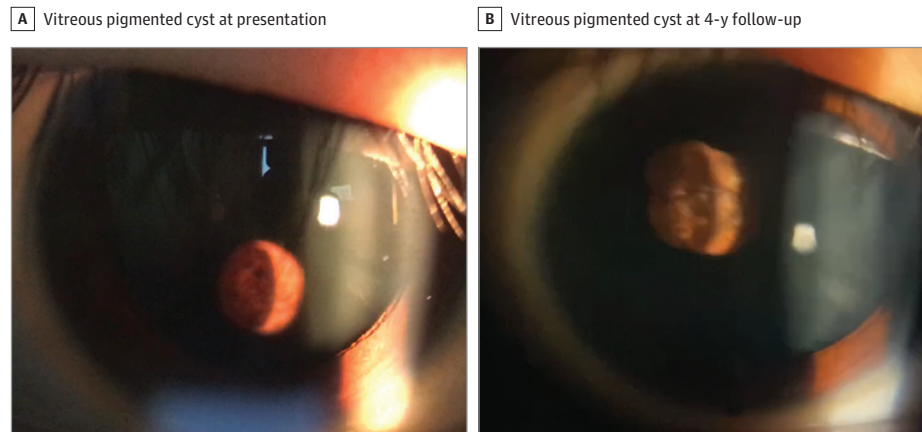


Figure. A, Slitlamp photograph shows a spherical pigmented cyst in the vitreous at the patient's first visit. B, At follow-up visit 4 years later, the cyst became more aspheric and slightly increased in volume.

An 18-year-old man presented with a 2-week history of seeing a floater in his right eye in January 2018. There was no history of systemic disorders, infection, or trauma. He had a visual acuity of 20/20 OU with normal intraocular pressure. On slitlamp examination, a free-floating, spherical, pigmented cyst was found in the vitreous of his right eye (Figure, A, and Video). No signs of

intraocular inflammation were observed. B-scan ultrasonography showed an oval cystic mass in the vitreous body, which differentiated it from cysticercosis and solid tumor. Thus, primary pigmented vitreous cyst was diagnosed. At follow-up 4 years later, the cyst was found to be more aspheric and slightly increased in volume (Figure, B). Although most primary pigmented vitreous cysts are nonprogressive, periodic observations may be warranted to observe whether there is any change in the cyst's characteristics or in the patient's visual acuity.^{1,2}

ARTICLE INFORMATION

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