

Asteroid Hyalosis

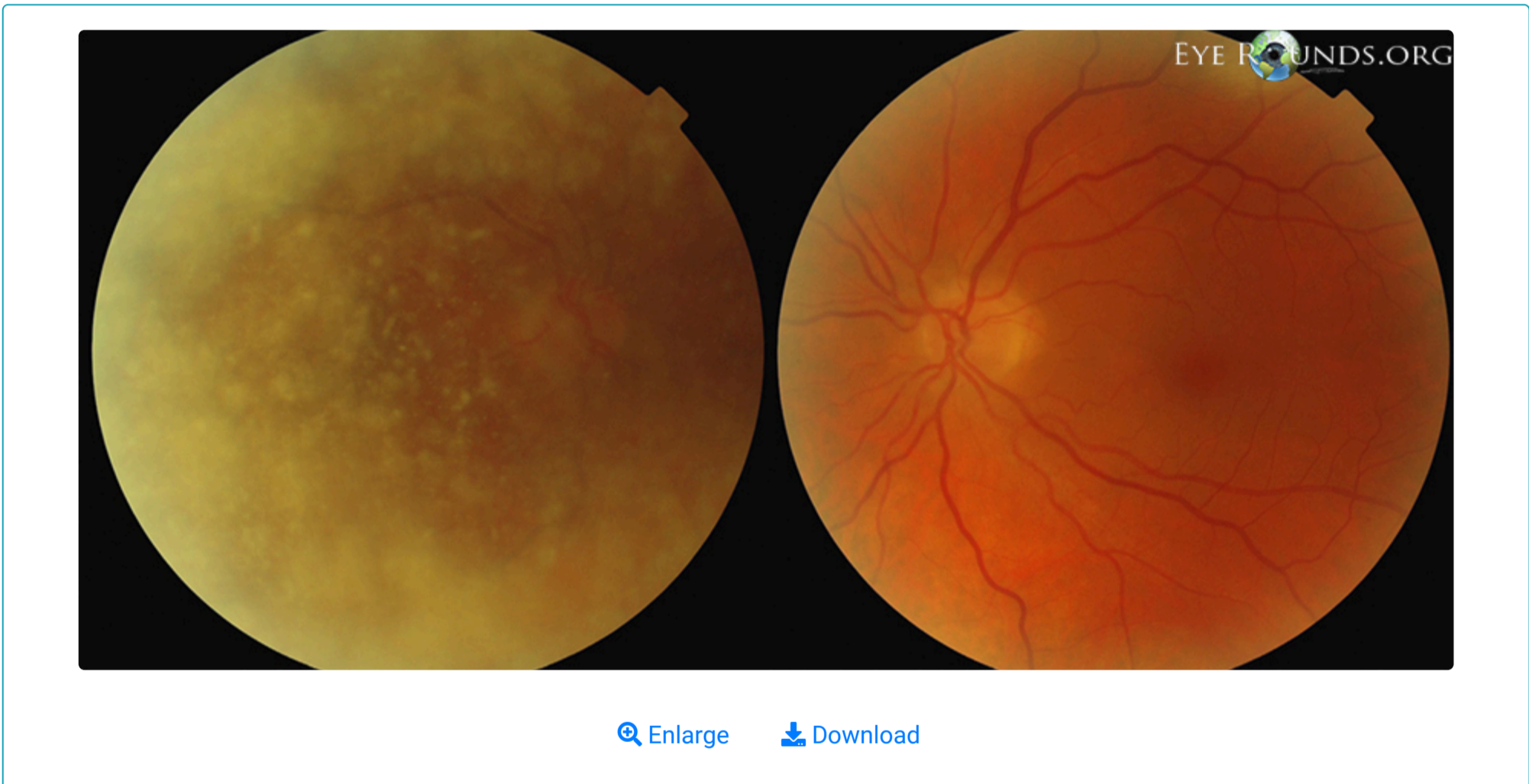
Category(ies): Retina

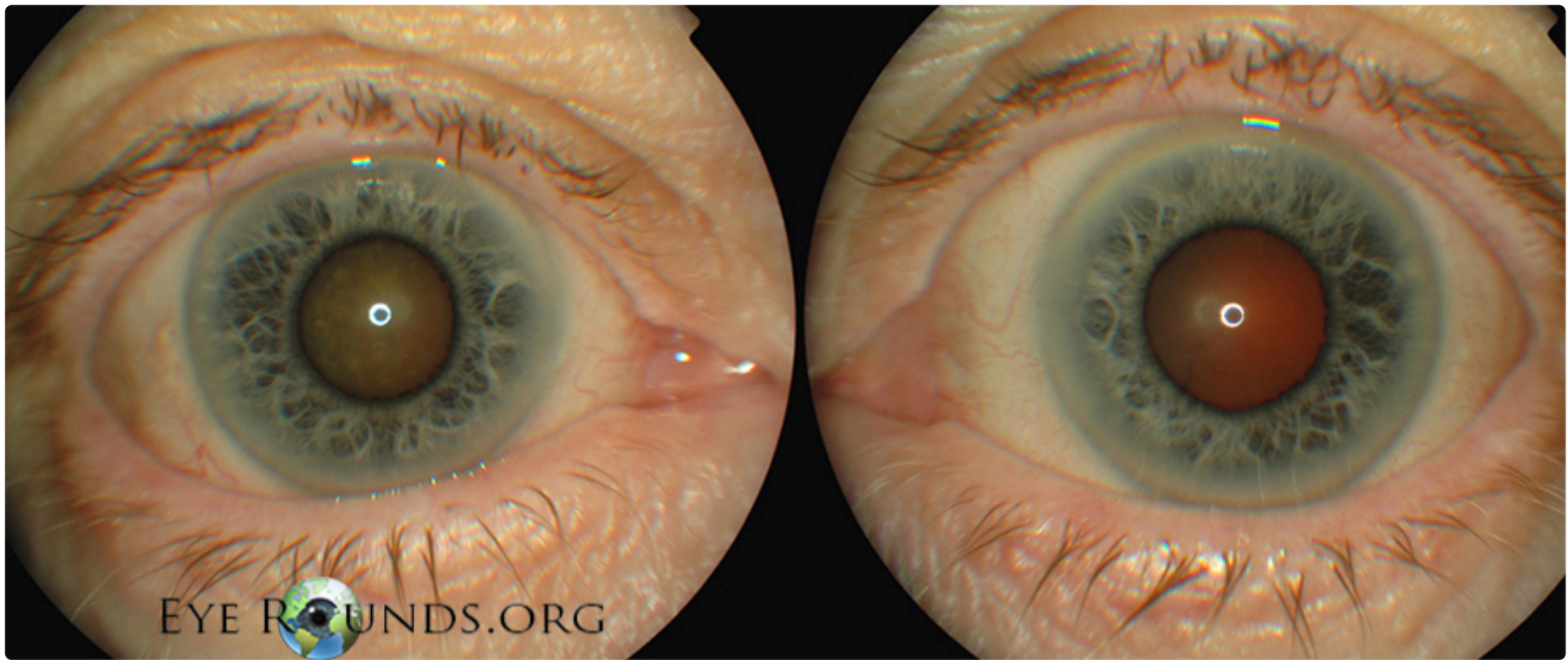
Contributor: [Jesse M. Vislisel, MD](#)

Posted: August 2, 2012



73-year-old diabetic male with asteroid hyalosis affecting the right eye. Visual acuity remained 20/25 in the right eye





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Asteroid Hyalosis

Category(ies): [Retina / Vitreous](#)

Contributor: [Mahsaw Motlagh, MD](#)

Photographer: [Meghan Menzel](#)

Posted: April 6, 2022

A 74-year-old female with a past medical history of hypertension and type 2 diabetes mellitus presented for annual eye examination. Dilated fundus examination revealed multiple sparking, yellow-white, and refractile opacities in the vitreous cavity of the left eye. The opacities moved with ocular movement. The patient was asymptomatic and a diagnosis of asteroid hyalosis was made. Asteroid hyalosis is a common benign cause of vitreous opacities. It has been associated with several systemic diseases including diabetes and hypertension, as is the case in our patient. [1] Asteroid opacities are composed of calcium, phospholipids, and phosphorous.[1] While seldom visually significant, it is clinically relevant to avoid selection of silicone intraocular lenses in these patients. Treatment is observation.

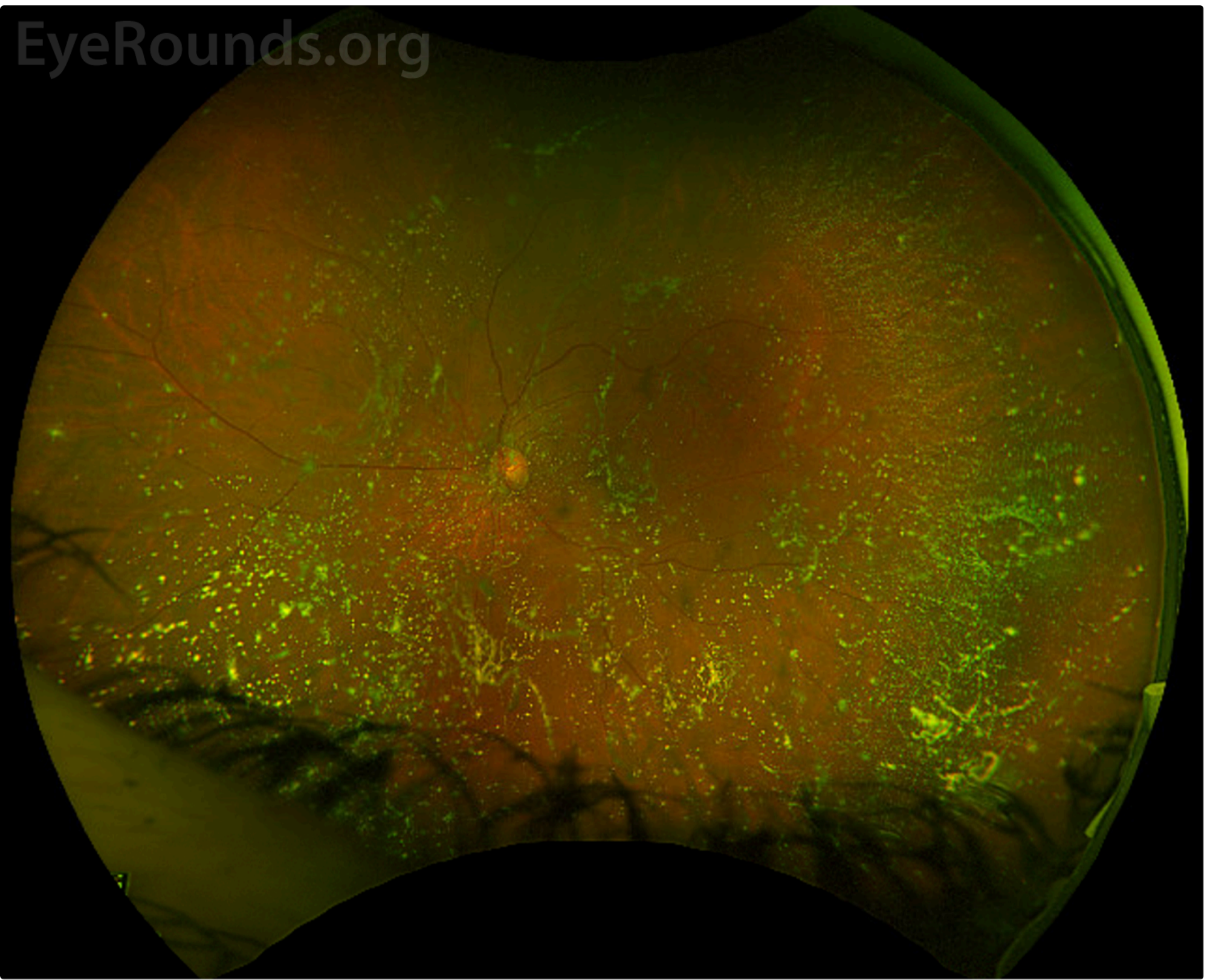


Figure 1: Color fundus photograph of asteroid hyalosis in the left eye. A clear view of the fundus may be difficult for the examiner, but the patient's vision is rarely affected.

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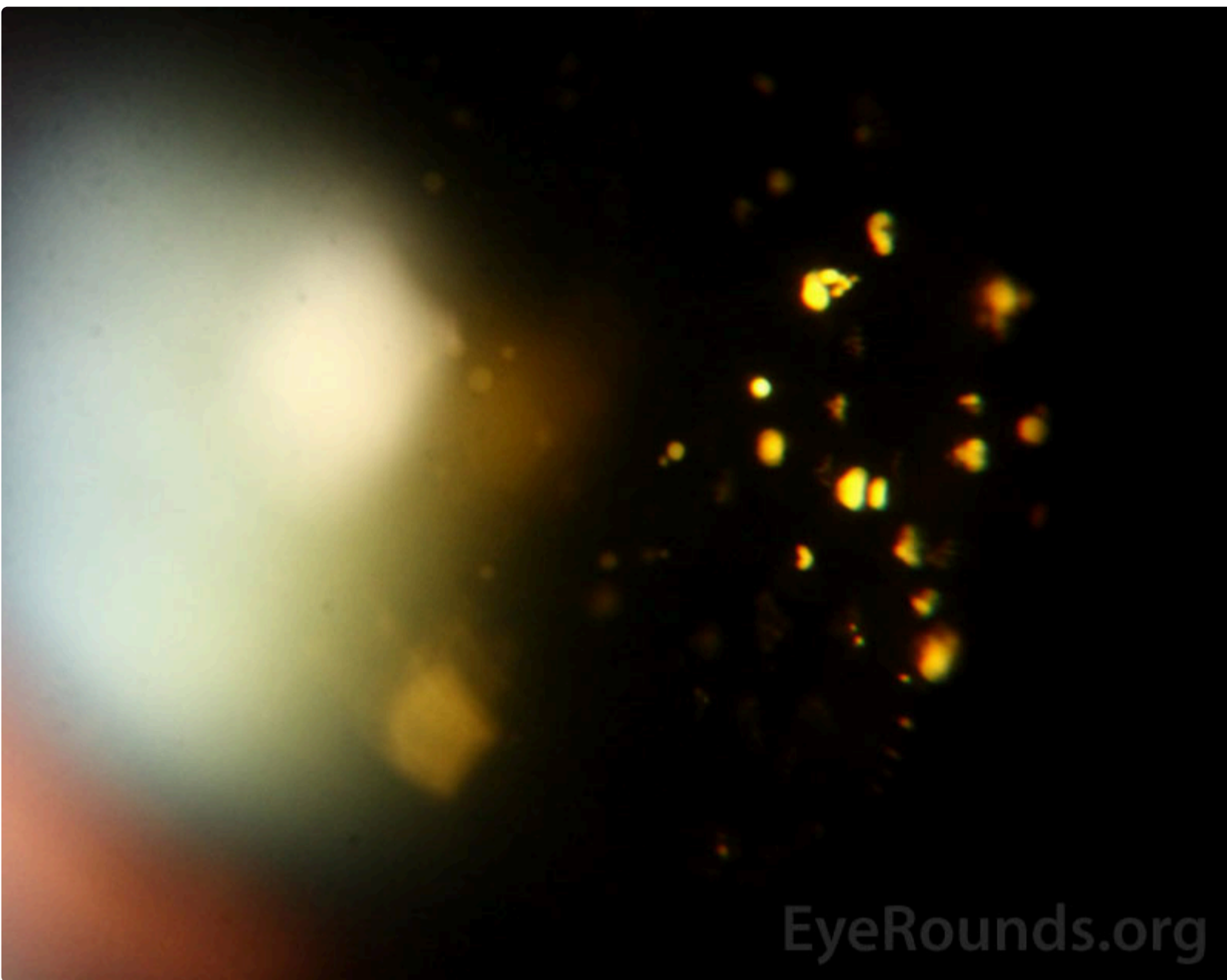


Figure 2a: Color fundus photographs of asteroid bodies in higher magnification.

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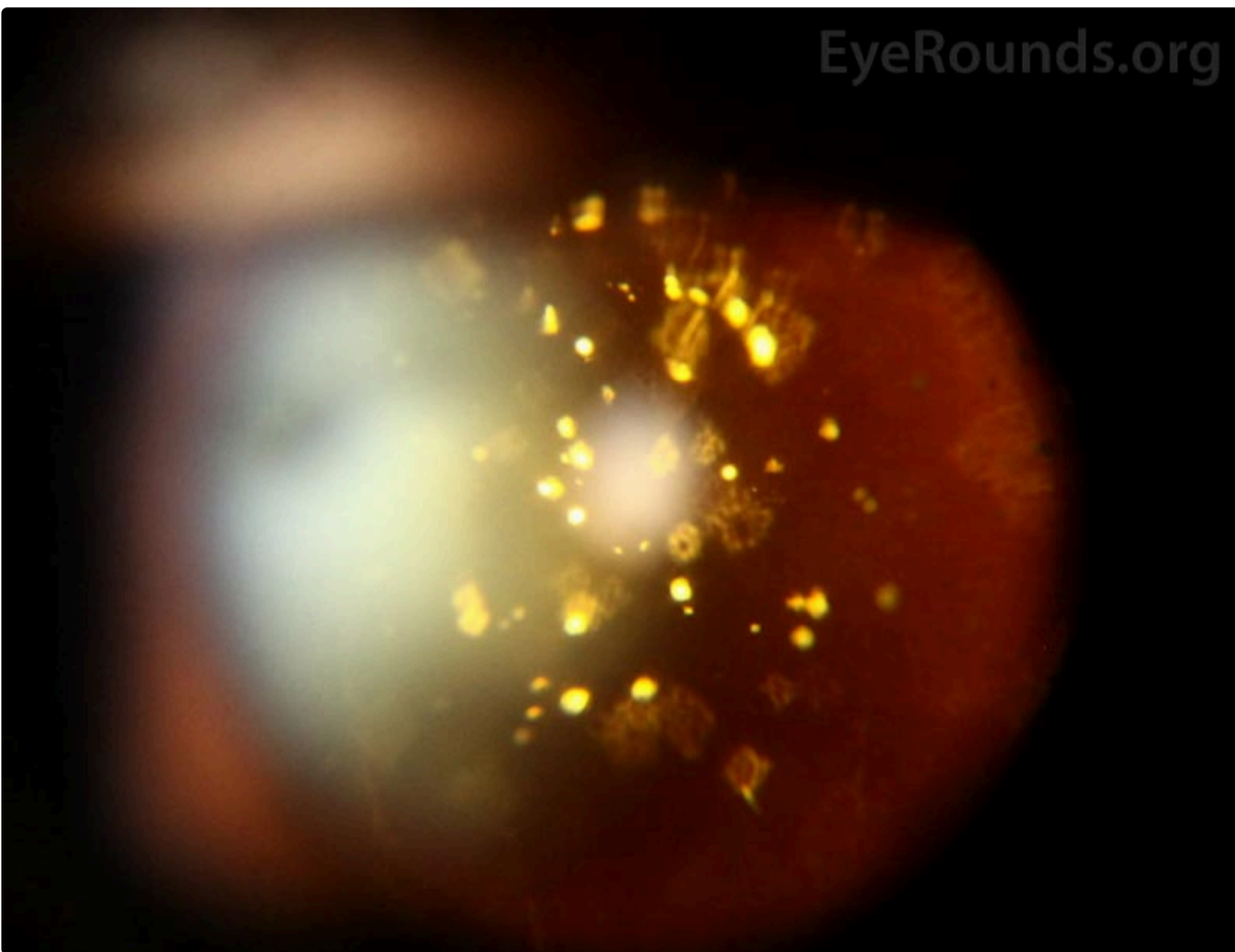


Figure 2b: Color fundus photographs of asteroid bodies in higher magnification.

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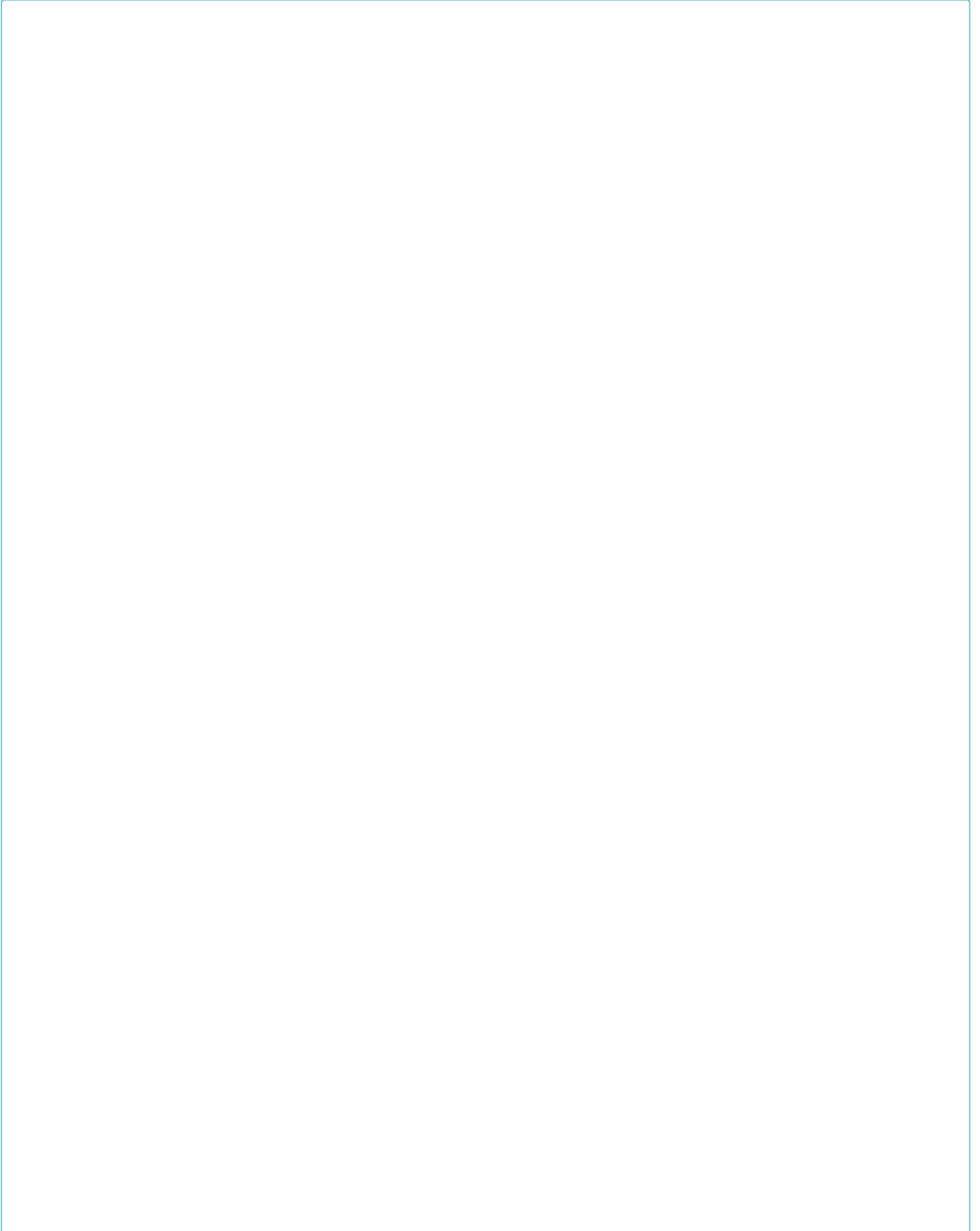
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Asteroid Hyalosis

Category(ies): Pathology, Retina / Vitreous

Contributor: Marshall Henrie, MD

Posted: April 16, 2024



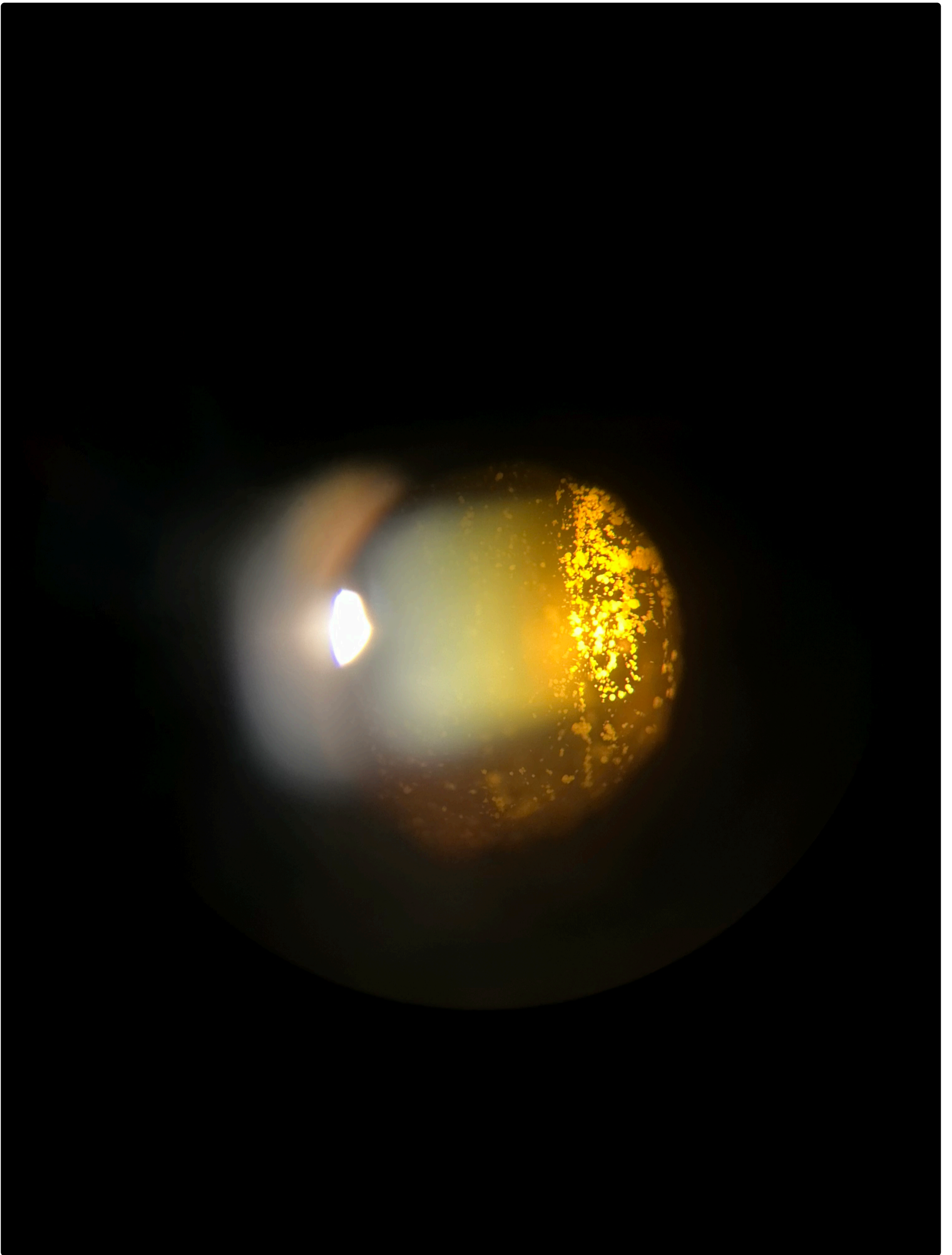


Photo of vitreous in patient with asteroid Hyalosis. Patient was a 70-year-old M with 20/20 vision and presented for routine eye exam.

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