Retinal Detachment with an Unusual Shape

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Key words: retinal detachment, magnetic resonance, visual impairment

(Inter Med 48: 1777-1778, 2009)

(DOI: 10.2169/internalmedicine.48.2630)

Picture 1. Coronal fat-suppressed (A), and axial-enhanced T1-W images through the globes show retinal and choroidal detachment in the left eye, producing the bizarre appearance of a star-shaped vitreous body on the coronal view, and of a tennis ball on the axial view. No ocular or retrobulbar masses are evident.

Retinal detachment is a relatively uncommon and largely preventable cause of vision loss.

Risk factors for retinal detachment include advanced age, previous cataract surgery, high myopia, trauma, and diabetes, as well as intraocular inflammatory diseases and neoplasms (1). A 62-year-old woman presented with a 6-week history of blurred vision in her left eye. Fundus examination of the left eye revealed a sub-total retinal detachment of un-

clear cause. Magnetic resonance imaging of the brain and orbits showed an unusual appearance of retinal detachment, resulting in a star-shaped vitreous body, as evident on this T1-weighted image (Picture 1); there was no evidence of neoplasm or inflammation (2, 3). Although the patient underwent surgery, her vision remained restricted to lights and shadows.

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Received for publication June 27, 2009; Accepted for publication July 3, 2009

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