

Vitreous Surgery for Tractional Retinal Detachment of the Macula Associated With Wagner Syndrome

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Abstract

We report a case of a patient with Wagner syndrome who had tractional detachment and a fixed retinal fold in the posterior pole of the left eye. The patient had a history of myopia since childhood, and had undergone cataract surgery in both eyes in her early 40s.

During vitrectomy surgery, we observed an empty vitreous and four layers of vitreous veils, both signs typical for Wagner syndrome. After careful removal of all layers of vitreous veils a fixed retinal fold and tractional detachment in the posterior pole were found.

The tractional detachment and fixed fold resolved, and the patient's visual acuity improved from 0.2 to 0.5 three months after surgery. Metamorphopsia also improved.

Although it is reported that the surgical prognosis of retinal detachment associated with Wagner syndrome is not favorable, vitreous surgery was effective in our patients.

This is the first report of a tractional detachment of the posterior pole associated with Wagner syndrome.