

Tafluprost

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Serous retinal detachment and first report of cystoid macular oedema: case report

A 78-year-old woman developed cystoid macular oedema with serous retinal detachment while receiving tafluprost.

The woman had a history of glaucoma, and was using tafluprost [*dosage, route and duration of therapy not stated*]. She underwent intraocular lens suture surgery to treat crystalline lens dislocation in her right eye; tafluprost was resumed 12 weeks after her surgery. She reported blurred vision 9 months after her surgery. Optical coherence tomography identified cystoid macular oedema and serous retinal detachment.

The woman received an injection of triamcinolone; her visual acuity recovered somewhat and the serous retinal detachment showed improvement in a few days. Tafluprost was discontinued and she received diclofenac eye drops; her visual acuity improved within a few weeks.

Author comment: *"To our knowledge, this is the first report of [cystoid macular oedema] associated with tafluprost."*

Matsuura K, et al. Subtenon triamcinolone injection for postoperative cystoid macular edema associated with tafluprost. *Clinical Ophthalmology* 7: 1525-1528, Jul 2013. Available from: URL: <http://dx.doi.org/10.2147/OPTH.S49226> - Japan 803091957

» **Editorial comment:** A search of AdisBase, Medline and Embase did not reveal any previous case reports of cystoid macular oedema associated with tafluprost. The WHO ADR database contained 1 report of cystoid macular oedema associated with tafluprost. A search of AdisBase, Medline, Embase and the WHO ADR database did not reveal any previous case reports of cystoid macular oedema associated with tafluprost.