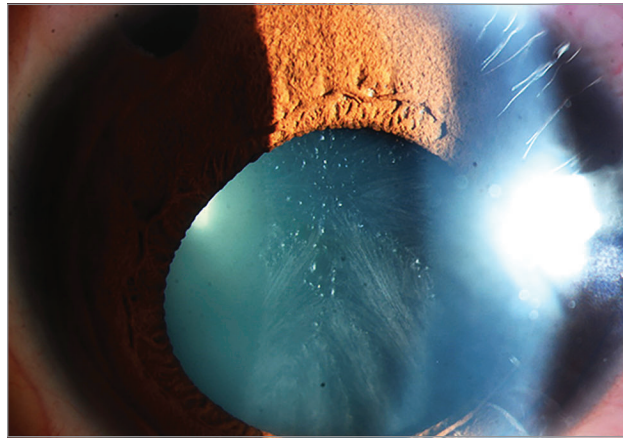
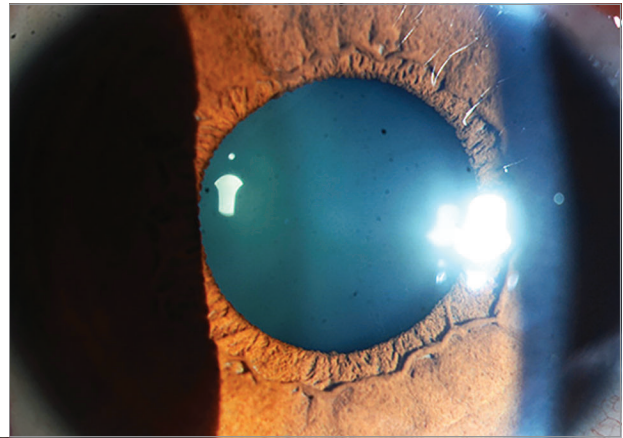


Ophthalmic Images

Acute Transient Cataract Associated With 5-Fluorouracil

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A Immediately after 5-fluorouracil injection**B** On the following day**Figure.** An acute transient cataract associated with subconjunctival 5-fluorouracil injection (A) disappeared spontaneously on the following day (B).

A 24-year-old woman presented with sudden visual loss in the right eye after a subconjunctival 5-fluorouracil injection to treat a fibrotic trabeculectomy bleb. A 0.2-mL dose of 5-fluorouracil (2.5 mg/mL) was delivered into the subconjunctival space via a 30-gauge needle. Vision decreased abruptly from 20/25 to counting fingers immediately after the injection. Slitlamp examination showed opacity of anterior lens capsule and irregular dilation of pupil (Figure, A). A red reflex picture to show the

lens opacity was unavailable. The following day, all signs disappeared without treatment (Figure, B), with vision restored to 20/25.

A similar case was reported in 2003, which initially was associated with substantial visual impairment but with spontaneous resolution.¹ The lens opacification was transient and therefore likely due to the precipitation of deposits² rather than the result of the antimetabolite effect of 5-fluorouracil.¹ This complication should be considered when a physician injects subconjunctival 5-fluorouracil after glaucoma filtering surgery.

ARTICLE INFORMATION

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