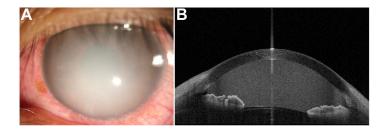
Pictures & Perspectives



Unilateral Lipemic Aqueous

A 31-year-old man presented with left eye redness for 5 days, irritation, and sudden vision loss to finger counting. **A,** Examination revealed creamy white aqueous humor without hypopyon. **B,** Anterior-segment OCT showed homogenous hyperreflectivity. Despite negative pathogen tests, he was diagnosed with diabetic ketoacidosis and severe hyperlipidemia (triglycerides 45.66 mmol/l, total cholesterol 22.33 mmol/l, positive urinary ketones). Urgent insulin and lipid-lowering treatment cleared the lipid-laden aqueous humor in 3 days, unveiling aqueous flare and peripheral lipemia retinalis. Disruption of the blood-aqueous barrier from iridocyclitis was hypothesized. The patient was administered dexamethasone eye drops. Visual acuity was restored to 20/20 within 1 week, which supported our hypothesis. (Magnified version of Figure **A-B** is available online at www.aaojournal.org).

Junran Sun, MD^{1,2,3,4,5} Yuanyuan Gong, MD^{1,2,3,4,5} Suqin Yu, MD^{1,2,3,4,5}

¹Department of Ophthalmology, Shanghai General Hospital (Shanghai First People's Hospital), Shanghai Jiao Tong University School of Medicine, Shanghai, China; ²National Clinical Research Center for Ophthalmic Diseases, Shanghai, China; ³Shanghai Engineering Center for Visual Science and Photomedicine, Shanghai, China; ⁴Shanghai Key Laboratory of Fundus Diseases, Shanghai, China; ⁵Shanghai Engineering Center for Precise Diagnosis and Treatment of Eye Disease