



### Severe Descemetocoele after EDTA Chelation for Band Keratopathy

A 62-year-old man presented with bilateral band keratopathy (**A**, anterior segment [AS] photography; **B**, AS-OCT) with no other relevant systemic or ocular findings. The patient was treated with topical ethylenediaminetetraacetic acid (EDTA) 2% twice daily bilaterally. The patient reported acute vision loss in his left eye 20 days later. He showed a severe descemetocoele with surrounding stromal melting and anterior chamber inflammatory response (**C**, AS photography; **D**, AS-OCT). His right eye showed no significant changes. The following week, the patient required an urgent penetrating keratoplasty due to corneal perforation (Magnified version of Figure **A-D** is available online at [www.aaojournal.org](http://www.aaojournal.org)).

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