



## Bilateral Vision Loss in a Pediatric Patient

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### Clinical Image

A 14-year-old male with myopia, type 2 diabetes mellitus on insulin, and asthma presented to the emergency department with one month of worsening bilateral blurry vision associated with one day of bilateral periorbital pain and intermittent frontal and occipital headaches. There was no history of eye trauma and no family history of childhood cataracts.

Vital signs were normal. Exam revealed cloudy lenticular opacities bilaterally with visual acuity of 20/200 in right eye and 20/100-1 in left eye (Figure 1).

Random blood glucose was 204 with hemoglobin A1C 13.5%. Ocular ultrasound was without evidence of retinal detachment (Figure 2).

Ophthalmology was consulted and diagnosed bilateral diabetic cataracts, a common cause of visual impairment in adults with diabetes that is less commonly seen in pediatrics. Although pediatric diabetic cataracts are rare, they are treatable, and early diagnosis can be sight saving. The patient was scheduled for lensectomy with intraocular lens implantation.



Figure 1: Cataract in pediatric patient, right eye.



Figure 2: Cataract in pediatric patient, left eye.

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