

Using Bruckner's test for gross keratometry screening

Bruckner's test^[1] was done using indirect ophthalmoscopy at a distance of 50 cm in a 12-year-old boy presenting with corneal opacity [Fig. 1a] and localized area of brightness [Fig. 1c and d] along the opacity was seen suggesting some change in refractive power of the local milieu as compared to rest of the cornea. Pentacam (OCULUS, Arlington, WA) confirmed the localized area of steepness [Fig. 1b]. I thus propose the use of Bruckner's test as a quick method of gross screening of corneal topography as any gross localized change in keratometry would change local optics giving us differential glow in that area.

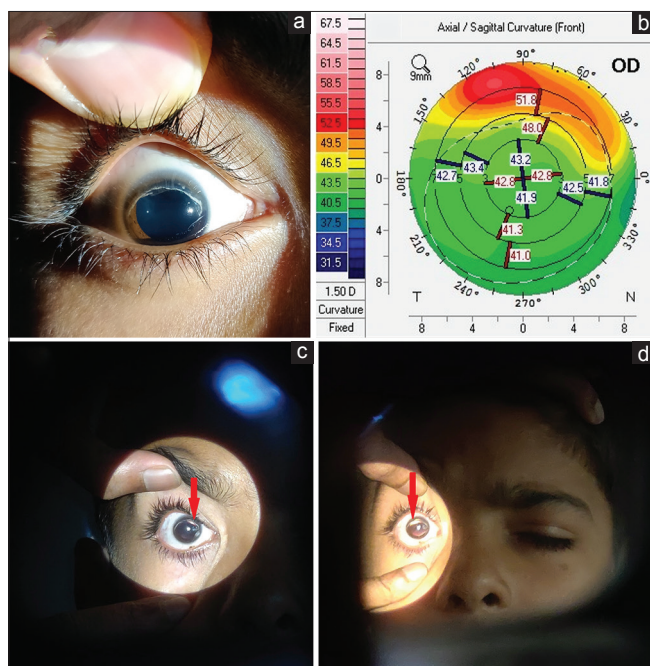


Figure 1: (a) Corneal opacity in a 12-year-old child, no other symptoms; (b) Pentacam (refractive keratometry map) showing high keratometry values localized superiorly; (c) photo through left eyepiece of indirect ophthalmoscope showing bright area (arrow); and (d) photo through right eyepiece of indirect ophthalmoscope showing bright area (arrow)

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

Amber Amar Bhayana

Dr. Rajendra Prasad Centre for Ophthalmic Sciences,
All India Institute of Medical Sciences, New Delhi, India

Correspondence to: Dr. Amber Amar Bhayana,
Dr. Rajendra Prasad Centre, AIIMS, New Delhi - 110 029, India.
E-mail: amber.amar.bhayana@gmail.com

Reference

1. Kothari MT. Can the Bruckner test be used as a rapid screening test to detect significant refractive errors in children?. *Indian J Ophthalmol* 2007;55:213-5.

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