

## Ectopia lentis

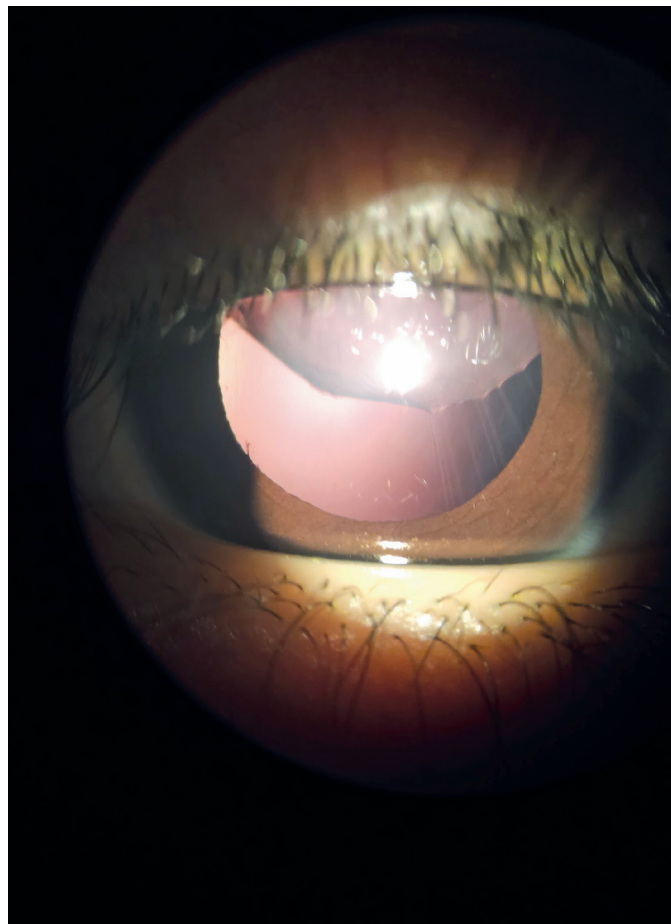
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Ectopia lentis refers to any condition in which the lens is displaced from its normal position. A subluxated lens is a partial displacement in which some zonules remain intact. A luxated or dislocated lens is the complete separation of all zonular attachments<sup>(1)</sup>. Ectopia lentis is a secondary consequence of other conditions (e.g., trauma, large eye, tumors, cataracts, pseudoexfoliation syndrome) or it may be genetic in origin, with or without systemic components<sup>(1)</sup>. Causes with systemic associations include Marfan syndrome, homocystinuria, Weill-Marchesani syndrome, Ehlers-Danlos syndrome, sulfite oxidase deficiency syndrome, and hyperlysinemia. Those without systemic associations include familial ectopia lentis, ectopia lentis et pupillae, and aniridia<sup>(2)</sup>. Signs and symptoms include refractive error, monocular diplopia, decreased best-corrected visual acuity, iridodonesis, cataracts, and displacement of the lens into the anterior chamber or vitreous. All these symptoms can progress in severity<sup>(1)</sup>. Diagnosis requires a thorough evaluation, with wide dilatation of the pupil<sup>(2)</sup>. Surgery is usually central to treatment.

### REFERENCES

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2. Nelson LB, Maumenee IH. Ectopia lentis. *Surv Ophthalmol.* 1982; 27(3):143-60.



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