

Subluxated Soemmering ring in retinitis pigmentosa

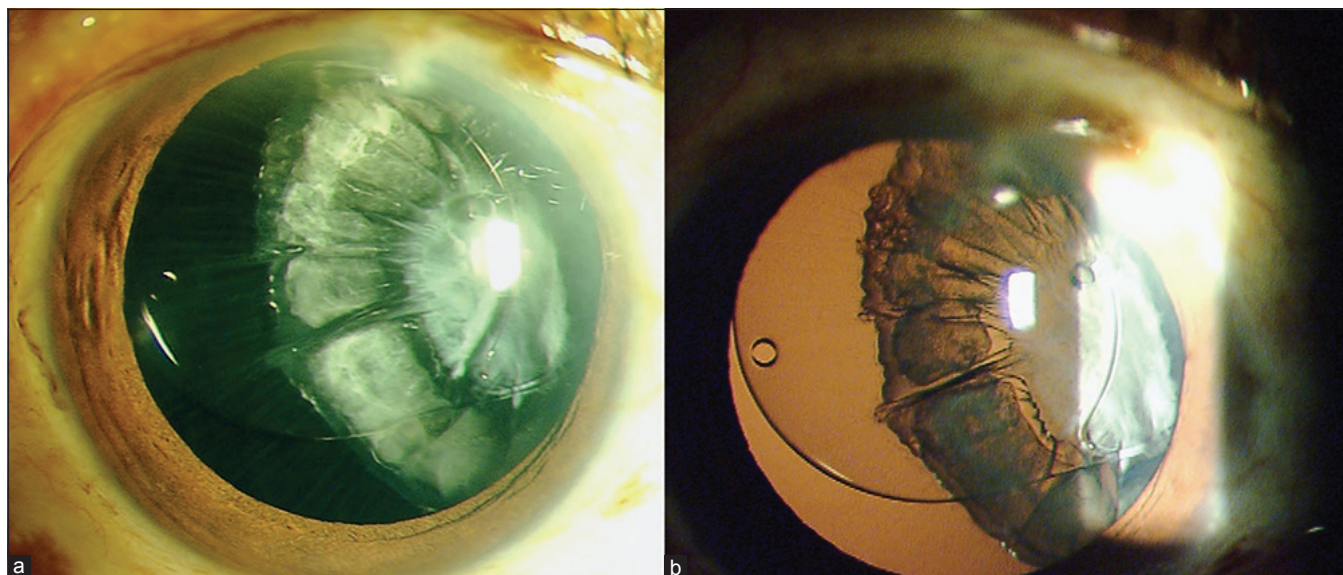


Figure 1: Subluxated Soemmering ring. Slit-lamp photograph of the right eye in direct (a) and fundus retro-illumination (b). Anteriorly a polymethyl methacrylate intraocular lens is present which although mildly subluxated superiorly, appears stable. Behind it the lens capsule is subluxated nasally making the Soemmering ring visible. The zonules are stretched but still intact. The posterior capsule has dense fibrosis in the centre

Increased Interleukin-1 expression in retinitis pigmentosa (RP) causes lens epithelial cell activation, posterior capsule opacification and anterior capsule contraction.^[1,2] A 54-year-old male with retinitis pigmentosa had undergone cataract surgery in the right eye 4 years previously. His visual acuity was light perception with inaccurate ray projection. A stable intra-ocular lens in the sulcus with a subluxated Soemmering ring (SR) was seen [Fig. 1]. SR is often observed only after its dislocation.^[3,4] Our patient represents an early phase of this process. Forces from the contracting anterior capsule has stretched the capsular bag. Continued contraction will ultimately lead to its dislocation.

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 The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Nil.

Conflicts of interest

There are no conflicts of interest.

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