

UK Paediatric Glaucoma Society (UKPGS) Annual Meeting
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Approved CPD 6 points (Royal College of Ophthalmologists)

Abstracts

14 - Glaucoma management in a child with keratoglobus

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Purpose: To discuss the challenges in the management of glaucoma in a rare and complex condition, keratoglobus in a 9-year-old female child referred to us for surgical management of uncontrolled IOP secondary to post multiple keratoplasty glaucoma.

Methods: She was a known case of osteogenesis imperfecta with keratoglobus, had corneal tears following trivial injury to both her eyes for which corneal tear repair was done. She underwent multiple keratoplasties in both her eyes, the left eye developed infectious keratitis with endophthalmitis and underwent evisceration. Her only seeing right eye had multiple corneo-scleral grafts and was tectonically stable. However, her uncontrolled IOP required multiple surgeries for IOP control.

Conclusions: Management of glaucoma in an eye with thin sclera, altered anatomical landmarks at the limbus and corneoscleral grafts is not easy. The various modifications and precautions taken in the surgical management of trabeculectomy, and a few years later by a pars plana tube implant in this eye will be presented. With multiple interventions, her vision and IOP are now maintained over 10 years.