

UK Paediatric Glaucoma Society (UKPGS) Annual Meeting
Saturday 23rd January 2021, 10:30 – 16:35 GMT

Approved CPD 6 points (Royal College of Ophthalmologists)

Abstracts

22 - Prematurely perforated Schlemm's canal during GATT

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Introduction: During filament-assisted angle surgery, the filament can spontaneously exist in the Schlemm's canal despite successful initial cannulation. In this video, we demonstrate one such occurrence during gonioscopy-assisted transluminal trabeculotomy using a blunted 5-0 polypropylene suture.

Circumferential intraoperative gonioscopy revealed that a premature perforation of the trabecular meshwork resulted in the suture entering the anterior chamber after only 90 degrees of cannulation. The Schlemm's canal was re-cannulated in the opposite direction to complete circumferential angle surgery. Surgeons should keep in mind the possibility of premature trabecular perforation and inspect the treated angles to verify a circumferentially opened trabecular cleft at the conclusion of the procedure.