

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

Approved CPD 6 points (Royal College of Ophthalmologists)

## Abstracts

### 9 - Never lose hope! Struggle is part of the story

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**Purpose:** Delayed suprachoroidal haemorrhage is a devastating complication following any intraocular surgery both for the patient and the treating physician. Eyes with long-standing high intraocular pressures (IOP) are predisposed to this complication when subjected to sudden decompression during a glaucoma filtering surgery.

**Methods:** A 10-year-old-boy with glaucoma in aphakia in both eyes had developed hypotony and severe inflammation post Aurolab aqueous drainage device (AADI) implantation in his right eye and hence an Ahmed glaucoma valve (AGV) was planned for his left eye. The IOPs were 5 and 40 mmHg and best corrected visual acuity was 20/320 and 20/200 in right and left eye, respectively. The left eye surgery was uneventful and was performed with appropriate intra- and per-operative precautions. A few hours post-surgery, the child had 3 episodes of severe vomiting and next day developed delayed suprachoroidal haemorrhage (SCH) with kissing choroidals.

**Results:** The child was managed with oral and topical steroids and cycloplegics. One week later he underwent drainage of lysed SCH and injection of perfluorocarbon liquid (PFCL) which was left in the eye for 10 days. After 10 days the PFCL liquid was removed, silicone oil injection was planned if there were residual choroidals or retinal detachment. There was complete reattachment of the retina with resolution of suprachoroidal haemorrhage, hence silicone oil injection was deferred. The patient regained vision of 20/500 and the IOP increased to 31 mmHg after 1 month, which was managed with topical antiglaucoma medications. The IOP was controlled and vision improved to 20/125 after 3 months.

**Conclusion:** This sight threatening complication needs multidisciplinary care and coordination to achieve a desirable outcome.