

<b>Author(s)</b>	<b>Mr Saurabh Ghosh, Mr Birch, Mrs Neeta Ray-Chaudhuri</b>
<b>Unit</b>	<b>Royal Victoria Infirmary, Newcastle</b>
<b>Title</b>	<b>Ocular Hypotony after Blunt trauma due to cyclodialysis cleft detected by conventional Ultrasound</b>

<b>Full Name:</b>	<b>Saurabh Ghosh</b>
<b>Current Appointment:</b>	<b>ST2 Ophthalmology Northern Deanery</b>

To report a case of hypotony due to cyclodialysis cleft diagnosed by conventional ultrasound (USS).

Interventional case study.

A 42 year old patient presented after blunt trauma to the left eye. Examination showed intraocular pressures (IOP) of 4mm Hg. There was no evidence of globe rupture on examination or USS. Interestingly USS performed with a 10 MHz probe showed a cleft between the choroid and sclera extending posteriorly and a repeat gonioscopy confirmed a dark cleft. A diagnosis of cyclodialysis cleft was made. On follow up the IOP was 20 mm Hg. Repeat USS with a 20 MHz probe showed the cleft to be still open but the posterior extent appeared closed.

The case report documents the rare event of a cyclodialysis cleft diagnosed by conventional USS

In the absence of AS OCT, a standard USS can reliably pick up and monitor progression of cyclodialysis cleft.