

## Pattern of presentation, management and outcome of lens induced glaucoma at a tertiary eye care centre

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**Objective:** To outline the clinical presentation, management and outcome of lens induced Glaucoma in Chittagong Eye Infirmary and Training Complex.

**Methods:** A case series review was done among the patients who visited Chittagong Eye Infirmary and Training Complex from January 2015 to December 2018. Demographic data, clinical presentations, management and outcome were recorded and analysed.

**Results:** 30 phacomorphic cases and 20 phacolytic glaucoma patients were included in our study. The mean age at presentation was 60 years. Female to male ratio was 2:1. The reason for late presentation was distance which was 60% in phacomorphic glaucoma and 50% in phacolytic glaucoma. The main symptoms were reduced vision followed by ocular pain and redness of eye. Visual acuity was either HM or just PL in all eyes before surgery. All patients underwent SICS with posterior chamber lens implantation. IOP reduced tremendously upon discharge and vision kept improving upto a month after surgery.

**Conclusion:** Reduced vision, ocular pain and redness are the main clinical presentations of lens induced glaucoma. Cataract surgery proves to be effective in lowering IOP and visual recovery in patients with lens induced glaucoma.

**Key words:** Lens induced glaucoma, Phacomorphic Glaucoma, Phacolytic Glaucoma.

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## Biography

Umme Salma Akbar is working as an Associate Consultant at Chittagong Eye Infirmary & Training Complex, Bangladesh. She worked in residency training at CEITC during 2009-2010 sessions. She was an Assistant Surgeon from September 2011 till September 2017 and Senior Assistant Surgeon from October 2017 till June 2021. She worked as part-time faculty member in residency training program and publishes many abstracts in reputed Journals..