

## **Intraocular Lens Implantation in Phacomorphic Glaucoma**

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**Objective:** To study the outcome of intraocular lens implantation in patients presenting with acute phacomorphic glaucoma.

**Method:** Cataract surgery was performed after controlling the intraocular pressure in patients presenting with acute phacomorphic glaucoma. Intraocular lenses were inserted in the bag after conventional extracapsular cataract extraction. Patients with minimum follow up of one year were analyzed for the study. Corrected visual acuity, intraocular pressure and any complications of surgery were recorded.

**Results:** Analysis of 41 cases of acute phacomorphic glaucoma who were treated by cataract removal and lens implantation revealed that 25 (61%) patients recovered vision of 6/12 or better. In 37 cases (90%) the intraocular pressure remained below 21 mm Hg. The incidence of postoperative inflammatory reaction seen in 13 (31.7%) cases was more than normally seen in cataract surgery. However, the incidence of serious complications was low.

**Conclusions:** Lens implant surgery in acute phacomorphic glaucoma gave satisfying outcome in this study. Placement of intraocular lenses in inflamed eyes was found to be safe.