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Service (sector) Refractive Surgery

### **Evaluation of phakic intraocular lens for presbyopia correction**

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**Purpose** To evaluate the clinical outcomes of anterior chamber multifocal phakic intraocular lens for presbyopia correction.

**Methods** The study was based on a retrospective analysis of a clinical database. It included 51 eyes of 30 patients who had received a foldable anterior chamber multifocal intraocular lens for presbyopia correction. Data were collected before and after surgery. Patients were evaluated at 1 month, 3, 6, 12 and 24 months after surgery. Postoperative refractive outcomes and complications were described.

**Results** Results Postoperatively the mean spherical equivalent was -0.12 D (+/- 0.51)

Eight four percent of patients had final uncorrected distance acuity 20/30 or better and could read J3 without near glasses. The intraocular lens was explanted in five eyes for different reasons. The lens had to be changed in three eyes because of the size.

**Conclusion** Good predictability in terms of visual outcome was noticed. The reversibility of the procedure avoided major complications. Rate of explantation of the lens was high.