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Service (sector) Cataract

**Phacoemulsification and intraocular lens placement in eyes with cataract and congenital coloboma: serie of cases.**

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**Purpose:** To evaluate the safety, difficulties and complications of phacoemulsification and IOL placement in a series of patients with congenital coloboma and cataract. **Methods:** A prospective study was conducted including consecutive patients with coloboma and cataract who were submitted to phacoemulsification and IOL implantation. Difficulties in biometric calculation, pre, intra and pos-operative complications and visual acuity were assessed. **Results:** Twelve eyes of seven patients were included in the study. Mean age was 48 years. All twelve eyes were submitted to surgery without major complications, except in one eye, in which the surgery was converted to extracapsular extraction. Visual acuity improved in all eyes.

**Conclusions:** The results of this case series indicate that clinically significant cataract develops at a younger age in eyes with congenital coloboma than in eyes with typical age-related nuclear sclerotic cataract. The improvement in vision observed in this study suggest that phacoemulsification and IOL placement is safe and beneficial in patients with congenital coloboma and cataract.