

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Cataract N° CEP

Iris-Fixated Posterior Chamber Intraocular Lens for the Correction of Aphakia.

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Purpose :To describe an iris-fixated posterior chamber technique for the correction of aphakia and to report the results obtained with it. Methods: This study comprised 10 eyes of 9 patients (five men, four women) submitted to iris fixated PC IOL implantation for the correction of aphakia. The preoperative database best-corrected visual acuity, refraction, endothelial cell count, evaluation of IOL position and Optical Coherence Tomography .Nonparametric tests were used for statistical analysis ($P < 0.05$ significant). Results: Preoperatively, best-corrected visual acuity ranged from 20/20 to 20/ 400. At the last postoperative examination, the BCVA remained within one line of preoperative levels in 4 eyes, improved in 5 and impaired in one . According to the Scheimpflug's principle, no eye presented an IOL decentration greater than 1.00 mm. There were no intraoperative complications. Postoperative complications were: Inflammatory membrane, AC vitreous, Retinal Detachment, Pupil ovalization, Iris atrophy and IOL dislocation. Conclusion : The iris-fixated foldable PC IOL technique is useful in aphasics eyes, but large cohort patients is necessary.