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Evaluation of satisfaction in patients submitted to the surgery of phacoemulsification and implant of multifocal intraocular lens

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Introduction: Cataract surgery with intraocular multifocal lens (IOML) implant allows visual recovery for different distances, regardless of the use of glasses, although undesirable effects. Visual function presents impact on quality of life, as well as the ability to execute daily activities and the patient satisfaction.

Aim: Aim of this study is to evaluate satisfaction and quality of vision in patients who underwent phacoemulsification surgery with implant of IOML, even as the independence of glasses and presence of adverse effects.

Methods: Observational, descriptive and retrospective study with patients undergoing phacoemulsification surgery with IOML implantation, at a private clinic in Brazil, from January 2009 to December 2015. Objective data were collected from electronic medical records and questionnaire was completed through telephone calls. Afterwards, the data were submitted to descriptive statistical analysis.

Results: Total of 436 cataract surgeries were performed with IOML implantation in 223 patients. 99 patients were excluded because they did not complete the inclusion criteria or the impossibility of telephone contact. Thus, 124 patients effectively participated in the study. There was a higher prevalence of women (79%) and a non-toric aspheric lens implant (65%), average age was 64 year. The mean score for long distance vision was 8.35; for intermediate distance was 8.43 and for near distance was 7.87; at a rate from 0 to 10, equivalent to unsatisfactory and very satisfied visual acuity, respectively. Glare was reported in 44.30% of patients, haloes during the day were verified in 20.60% and complaint related of halos at night in 35.48% of the sample.

Conclusion: From the final assessment of the questionnaire, it was found that the patients were satisfied with the visual acuity after IOML implant. There was a moderate incidence of photopic effects and little dependence on glasses. IOML may be a good choice when immersed in real expectation for patients who want vision improvement without the use of glasses.

Biography

Ayrton Roberto Branco Ramo holds a degree in Medicine from Universidade Positivo. He is currently a Resident in Ophthalmology of the Hospital Governador Celso Ramos. He has experience in the area of Medicine.

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