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Service (sector) Cataract N° CEP

QUALITY OF LIFE EVALUATION IN PATIENTS SUBMITTED TO CATARACT SURGERY, WHICH HAS BEEN IMPLANTED INTRAOCULAR MULTIFOCAL ARRAY SA4N AND FOLLOW UP FOR TWO YEARS.

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PURPOSE: This article analyzes visual acuity, life quality, frequency of spectacles wear and measure of overall satisfaction with visual acuity for distance and near in seventy two patients (hundred forty two eyes) whom received an implantation Array multifocal intraocular lens. **METHODS:** This retrospective study included hundred forty two cataract patients from "CIOMS" (Centro Integrado de Oftalmologia de Mato Grosso do Sul) who had received an Array multifocal intraocular lens. The questionnaire focused on variables that might define them as to: visual acuity in pre and postoperative, frequency of spectacles wear, measure of overall satisfaction with visual acuity at distance and near, capacity of doing some tasks and problems with glare, rings and halos.

RESULTS: After an application of a questionnaire, we observed that 84,37% of the patients had distant vision of 20/40 (Jaeger) or better, and with correction this statistics were up to 96,87%. With near vision correction, 100% of the patients had near vision of J3 or better. 56,25% of the patients never used optical correction in the postoperative. It has seen that 93,75% of the patients did not wear glasses. Half of the patients are bothered by glare, rings or halos. About the interviewed patients 81,25% reported being satisfied with overall visual function; 100% can read books or newspapers; and can do daily works, such as cook, watch television, shave or make herself up and practice sports.

CONCLUSION: The subjective evaluation, the great majority of the patients reported to be pleased with the overall vision, because all of them can read newspapers or books, recognize people, see signs and traffic signs, fill out checks and forms, practice sports, cook, watch television and shave or make herself up, showing a good life quality. As to the glare, rings or halos, half of the patients refer to show a certain discomfort to these effects. So, this study shows a great satisfaction of the physician as to the patients, with relation to Array multifocal intraocular lens SA40N and the conquest of a certain independence as to the use of spectacles, results confirmed by both evaluations objective and subjective.

Key words: Array multifocal intraocular lens; cataract; visual acuity