2007 Research Days Abstract Form - Department of Ophthalmology - UNIFESP/EPM

SCIENTIFIC SECTION PREFERENCE (REQUIRED): Review the Scientific section Descriptions. Select and enter the tw o-lette Code for the one (1) Section best sullied to review your abstract

3. PRESENTATION PREFERENCE (REQUIRED) Check one (1) (a) Paper (b) Poster

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That any research reported was con in compliance with the Declaration of Heisinki and the 'UNIFESP Ethical Committee'

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Scientific Section Descriptions

Scientific Section Descriptions
(OR) OBBT
(P) OCULAR PLASTIC SURGEY
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(R) REFRACTION-CONTACT LENSES
(NO) NEURO-OPHTHALMOLOGY
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(ST) STRABSIMUS
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(CO) CORNEA AND EXTERNAL DISEASE
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(CJ) CONNEA AND EXTERNAL DISEASE
(LS) LACRIMAL SYSTEM (CO) CURNEA AND ...
(GL) GLAUCOMA
(RS) REFRACTIVE SURGERY
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(US) OCULAR ULTRASOUND (TR) TRAUMA (LA) LABORATORY (BE) OCULAR BIOENGINEERING (EP) EPIDEMIOLOGY (EF) ELECTROPHYSIOLOGY

Deadline: 29/10/2007

FORMAT:
Abstract should contain:
Title, Name of Authors, Name of other authors (maximum 6),
Purpose, Methods, Results,
Conclusions.
Example: ARVO (1.10 x 1.70)
Abstract Book

 FIRST (PRESENTING) AUTHOR (REQUIRED)
 Must be author listed first in body of abstract () R1 () R2 () R3 (X) PG0 () PG1 () Estagiário () Tecnólogo () PIBIC Silva Luci First Name Meire Middle Last Name Clinical Trials Service (sector) 1027/06 Nº CEP (Comitê de Ética em Pesquisa da Universidade Federal de São Paulo-UNIFESP)

5. ABSTRACT (REQUIRED)

Evaluation of Satisfaction and Quality of Vision in Patients with Multifocais IOLs Luci Meire P. Silva, Ana Lúcia Ribeiro, Cristina Muccioli

 $\label{eq:purpose} \textbf{Purpose}. To evaluate the satisfaction of patients who received concomitant implantation of multifocal IOLs (Restor/Rezoom) as well as to evaluate the quality o f vision through$

questionnaires.

Materials/Methods: Fourty patients who received combined implantation of RESTOR LIO (model SA60D3) and REZOOM LIO (Model NXG1) were interviewed preoperative and postoperative (100 days after surgery of the second eye). It w as used a questionnaire to evaluate the satisfaction of patients regarding their quality of vision and ability to perform

postoperative (100 days after surgery of the second eye). It was used a questionnaire to evaluate the satisfaction of patients regarding their quality of vision and ability to perform daily activities.

Results: Mean age was 70.6 years (Range: 42 to 88). Gender 45% Female. Race 72.5%

Caucasian, 12.5% Black and 5.0% Asian. The pre-operative interview showed: 31 (77%) can't read newspaper or could read with much difficulty; 12 (31%) can't cook/eat or could cook/eat with much difficulty; 33 (82%) can't recognize people or have much difficulty; 20 (50%) can't vatch TV or have much difficult; 25 (62%) can't recognize street signs or have much difficult. The following patient's complains regarding quality of vision were observed: 25 (62%) presented glare/flare difficulty tolerated or incapacitating; 17 (67%) showed problems with night vision difficulty tolerated or incapacitating; 16 (46%) showed halos difficulty tolerated or incapacitating; 16 (46%) showed halos difficulty tolerated or incapacitating; 18 (45%) were not satisfied with the bilateral near vision; 20 (50%) were a little disatisfied/moderately satisfied with bilateral near vision; 20 (50%) were not satisfied with the bilateral near vision; 24 (59%) were not satisfied with the bilateral near vision; 26 (50%) were alterly satisfied. In the postoperative interview the following were found: 35 (87%) read newspaper easily; 40 (100%) no difficult to recognize spotes; 38 (55%) no difficult to watch TV; 39 (97%) no difficult to recognize street signs. We found the following about quality of vision: 11 (28%) no complain glare/flare; 28 (69%) presented glare/flare satisfy tolerated; 39 (97%) no problems easily tolerated; 37 (91%) no observed no seasily tolerated blurred flare vision; 40 (10%) no diffecult to recognize people; 38 (55%) presented glare/flare vision; 26 (65%) were completely/mostly satisfied with the bilateral near vision; 12 (30%) more or easily tolerated; 20 vision; 26 (65%) were completely/mostly satisfied satisfied with the bilateral near vision; 12 (30%) moderately satisfied with bilateral near vision; 34 (84%) were completely/mostly satisfied with the bilateral far vision and 5 (13%) moderately satisfied. After surgery only 2 (5%) patients wear reading glasses.

Conclusion: Combined multifocal IOLs implan tion achieved good results regarding quality

of vision as well as improve significantly the quality of life of patients