

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

2. SCIENTIFIC SECTION PREFERENCE (REQUIRED): Review the Scientific section Descriptions. Select and enter the two -letter Code for the one (1) Section best suited to review your abstract
(CA)

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

4. The signature of the First (Presenting) Author. (REQUIRED) acting as the authorized agent for all authors, hereby certifies.
That any research reported was conducted in compliance with the Declaration of Helsinki and the UNIFESP Ethical Committee"

JCL
Signature of First

Scientific Section Descriptions
(OR) ORBIT
(PL) OCULAR PLASTIC SURGERY
(RE) RETINA / VITREOUS
(RX) REFRACTION-CONTACT LENSES
(NO) NEURO-OPHTHALMOLOGY
(TU) TUMORS AND PATHOLOGY
(ST) STRABISMUS
(UV) UVEITIS
(LS) LACRIMAL SYSTEM
(LV) LOW VISION
(CO) CORNEA / EXTERNAL DISEASE
(GL) GLAUCOMA
(RS) REFRACTIVE SURGERY
(CA) CATARACT
(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

1. FIRST (PRESENTING) AUTHOR (REQUIRED)
Must be author listed first in body of abstract
() R1 () R2 () R3
() PG0 (X) PG1 () Estagiário () Tecnólogo () PIBIC
_Lake Jonathan Clive
Last Name First Middle
Cataract _____ _0009/04
Service (sector) N° CEP

Qualitative assessment of the impact of surgical experience on the evaluation of 3D-stereoscopic video projections of cataract surgeries
Authors: Jonathan Clive Lake, MD; Lincoln Lemes Freitas, MD; Rubens Belfort Jr, MD
Objective: To analyze variations of the perception of stereoscopic and non -stereoscopic projections of cataract surgeries according to surgical experience.
Methods: Data was obtained from a questionnaire that used Boolean variables and visual analog scales for evaluation of differences between 3D -stereo and non -stereoscopic projections of cataract surgeries. Answers of surgeons with different levels of experience (number of surgeries) were grouped in order to establish a profile of behavior of variation of answers during perception of surgical situations with or without 3D projection. Variations were computed and compared with a previously established gold standard.
Results: Variations were very high among surgeons with zero experience. These variations showed a decreasing trend according to surgical experience. Certain surgical situations presented a high variation regardless of surgical experience.
Conclusion: Variations in perception of 3D -stereo and non -stereo video projections were very high for all surgeons that participated in this study. Experienced surgeons showed less variations than less -experienced surgeons in certain situations. Cataract training with videos should involve customized individual support to the different levels of surgeons-in-training.