

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
RE

3. PRESENTATION PREFERENCE (REQUIRED) Check one (1)
(a) Paper
(v) 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"

Aline do Lago Coutinho
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
(X) PG0 () PG1 () Estagiário () Tecnólogo () PIBIC

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5. ABSTRACT (REQUIRED)
CORRELATION BETWEEN ANATOMICAL AND PSYCHOPHYSICS FINDINGS IN MACULOPATHIES: DIABETIC MACULAR EDEMA

Lago, A; Yamada, ACN; Niyamoto, C; Moraes NSB, Paranhos Jr, A.

Introduction: The high resolution of the anatomical findings of the diabetic macular edema (DME) is getting better with the OCT and HRA and it have been used as parameter to evaluate different treatment strategies. On the other side, the functional evaluation is performed simply with the ETDRS charts of visual acuity most of the times. With the advance of the psychophysics tests, there is a chance for better functional evaluation on these diseases and in the future would allow us to better characterize the outcome of treatments.
Objective: Evaluation of the topographic association between anatomical findings of DME seen by OCT and HRA and psychophysics tests of magno and coniocell cells subpopulations performed by SAP, SWAP, FDT Matrix and Hyperacuity preferential perimetry.
Methodology: Prospective, transversal, no controlled study in patients of the Retina section - Federal University of Sao Paulo with the previous diagnosis of DME confirmed by OCT and HRA. The patients will be submitted to a psychophysical evaluation with SAP 10 -2, SWAP 10 -2, FDT Matrix 10 -2 and Hyperacuity Preferential Perimeter. The anatomic-functional topographical correlation will be performed.