| 2007 Research Days A | bstract Form – | Department of Op | hthalmology – U | NIFESP/EPM | |
|--|--|--|-------------------------|------------------------------|--|
| 2. SCIENTIFIC SECTION PREFERENCE (REQUIRED): Review the Scientific section Descriptions. Select and enter the two -letter Code for the one (1). Sect ion best sufficient to | 1. FIRST (PRESENTING) AUTHOR (REQUIRED) Must be author listed first in body of abstract | | | | |
| NO | ()R1 () (X) | R2 () R3 PG () Estagiário | () Tecnólogo | () PIBIC | |
| 3. PRESENTATION PREFERENCE (REQUIRED) Check one (1) (a) Paper (b) Poster | Cunha | Leonardo | Provetti | | |
| | Last Name | First | Middle | | |
| | Setor de Neurofta Universidade de | almologia São Paulo | 654/06 (CAPPeso | HCFMUSP) | |
| 4. The signature of the First (Presenting) Author, (REOURED) acting as the authorized agent for all authors, hereby certifies. That any research reported was conducted in compliance with the Dedatation of Heisinki and the 'UNIFESP Ethical Committee' | Service (sector) N° CEP | | | | |
| | 5. ABSTRACT (REQUIRED) | | | | |
| | Pattern electrorretinograms for the detection of neural loss in patient with permanent visual field defect from chismal compression | | | | |
| | Leonardo Provetti | Cunha. Mário Luiz Ribeiu | o Monteiro | | |
| Signature of First | Burnese: To evalue | ata tha ability of full field | and hamifield pattern | alastroratinogram (PEPC) | |
| | parameters to diffe | rentiate between eyes with | n band atrophy (BA) of | f the optic nerve and | |
| Scientific Section Descriptions | Methods: Twenty | -four eyes from 24 consec | utive patients with per | manent temporal | |
| (OR) ORBIT (PL) OCULAR PLASTIC SURGERY | hemianopic visual compression and 2 | compression and 24 healthy subjects were studied prospectively. All patients were submitted | | | |
| (RE) RETINA / VITREOUS (RX) REFRACTION-CONTACT LENSES | to an ophthalmic examination including Humphrey 24-2 SITA Standard automated perimetry. Full field and hemifiel (I assal and temporal) simulation transient pattern electroreninogram (PERG) were recorded using checkerboard screens. Amplitudes and peak times for the P50 eval 00.6 ex well us due autory UBS0. MOS amplitudes van den eak times for the P50 well used to average using UBS0. MOS amplitudes van mourout. The interneous NOS D50. | | | | |
| (TU) TUMORS AND PATHOLOGY (ST) STRABISMUS | | | | | |
| UV) UVEITIS (LS) LACRIMAL SYSTEM | amplitude ratio wa | and 1997 as were as the Overlan 1 2007 style and phone were measured in the initial of hand 1957. J O amplitude ratio was calculated. Comparisons were made using Student's thest. Receiver operating characteristic (ROC) curves were used to describe the ability of PERG parameters to discriminate both groups. <i>Results</i> : Full field PSO, N95 and PSO+N95 PERG amplitude values were significantly smaller in eyes with BA when compared with control eyes (P < 0.001). Nasal and temporal hemiafield PERG studies revealed significant differences in N95 and PSO+N95 amplitudes measurement. No significant differences were observed for a artition pack time values as well as | | | |
| (CO) CORNEA / EXTERNAL DISEASE (GL) GLAUCOMA | to discriminate bot | | | | |
| (RS) REFRACTIVE SURGERY (CA) CATARACT | Results: Full field | | | | |
| (TR) TRAUMA (LA) LABORATORY | hemiafield PERG s | | | | |
| (BE) OCULAR BIOENGINEERING (EP) EPIDEMIOLOGY (EE) ELECTROBEXSIOLOGY | N95:P50 amplitude ratio. Nasal and temporal hemifield PERG values showed no significant | | | | |
| | difference both in eyes with BA and in controls. Using the 10% percentile of normals as the lower limit of normal, 15 of 24 eyes were considered abnormal using the best discriminating | | | | |
| | parameters. Conclusions: Trans | sient PERG amplitudes m | easurements were effic | ient at differentiating eyes | |
| Deadline: 29/10/2007 | ine: 29/10/2007 with BA and permanent visual field defect from normal controls. However, PERG param from hemifield stimulation were not able to identify asymmetric hemifield neural loss ar | | | | |
| | that future studies a | are necessary for clarify th | iis issue. | | |
| FORMAT: | | | | | |
| Title, Name of Authors, Name of other authors (maximum 6). | | | | | |
| Purpose, Methods, Results, Conclusions. | | | | | |
| Example: ARVO (1.10 x 1.70) Abstract Book | | | | | |