

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  
**TR**

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"

\_\_\_\_\_  
 Signature of First

Scientific Section Descriptions  
 (OR) ORBIT  
 (PL) OCULAR PLASTIC SURGERY  
 (RE) RETINA AND VITREOUS  
 (RX) REFRACTION-CONTACT LENSES  
 (NO) NEURO-OPHTHALMOLOGY  
 (TU) TUMORS AND PATHOLOGY  
 (ST) STRABISMUS  
 (UV) UVEITIS  
 (LS) LACRIMAL SYSTEM  
 (LV) LOW VISION  
 (CO) CORNEA AND 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 (X) R2 ( ) R3  
 ( ) PG0 ( ) PG1 ( ) Estagiário ( ) Tecnólogo ( ) PIBIC  
 DINIZ BRUNO Middle  
 Last Name First Name  
 TR 01511/06  
 Service (sector) Nº CEP  
 (Comitê de Ética em Pesquisa da Universidade Federal de São Paulo – UNIFESP)

5. ABSTRACT (REQUIRED)  
**VIOLENCE INDUCED OCULAR LESIONS**  
 BRUNO DINIZ, ELISABETH NOGUEIRA MARTINS  
**Purpose:** To describe the incidence of the ocular injuries violence induced found in patients that received eye care at a tertiary ophthalmic center at São Paulo – Brazil.  
**Methods:** Prospective observational study developed at São Paulo Hospital – UNIFESP in 2006. Patients victims of aggression and who were admitted at the emergency room with ocular lesions related to the trauma were included. All of them were submitted to a questionnaire and complete ophthalmologic examination. Sex, age, trauma mechanism and the different types of injuries were evaluated. **Results:** Ocular lesions related to aggression accounted for 17,73% of all cases of ocular trauma attended in 2006 (N=846). The mean age was 31 years (range, 3 -60) and it occurred most commonly in the group from 15 to 30 years old (33,33%). Men were more likely to have an eye injury (77,33%). The punch aggression was the trauma cause in 46,66% of the patients, followed by thrown stones. Soft tissue lesions (50,0%), such as eyelid lacerations, and subconjunctival hemorrhage (40,66%) were the most found injuries. Traumatic uveitis and the *commotion retinae* were also seen in a great number of patients. Initial visual acuity was 1.0 at the affected eye in 38,66% of the patients. **Conclusion:** Violence induced injuries had a higher incidence among young male adults and a punch was the most common mechanism of trauma. There was a predominance of blunt trauma and half of the patients had soft tissue lesions.