

**2009 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.

**3. PRESENTATION PREFERENCE (REQUIRED) Check one:**

- Paper  
 Poster  
 FAST Paper

**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'**

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**Scientific Section Descriptions (two-letter code):**

- (BE) OCULAR BIOENGINEERING
- (CO) CORNEA AND EXTERNAL DISEASE
- (CA) CATARACT
- (EF) ELECTROPHYSIOLOGY
- (EP) EPIDEMIOLOGY
- (EX) EXPERIMENTAL SURGERY
- (GL) GLAUCOMA
- (LA) LABORATORY
- (LS) LACRIMAL SYSTEM
- (LV) LOW VISION
- (NO) NEURO-OPHTHALMOLOGY
- (OR) ORBIT
- (PL) OCULAR PLASTIC SURGERY
- (PH) PHARMACOLOGY
- (RE) RETINA AND VITREOUS
- (RS) REFRACTIVE SURGERY
- (RX) REFRACTION-CONTACT LENSES
- (ST) STRABISMUS
- (TR) TRAUMA
- (TU) TUMORS AND PATHOLOGY
- (UV) UVEITIS
- (US) OCULAR ULTRASOUND

**Deadline: Oct 12, 2009**

**FORMAT:**  
 Abstract should contain:

- Title**
- Author, Co-authors (maximum 6),**
- Purpose, Methods, Results,**
- Conclusion.**

Poster guidelines:  
 ARVO Abstract Book (1.10 x 1.70m)

**121. FIRST (PRESENTING) AUTHOR (REQUIRED):**

Must be the author listed first in abstract body.

- ( X ) R1      ( ) R2      ( ) R3                      ( ) PIBIC  
 ( ) PG0      ( ) PG1      ( ) Fellow                      ( ) Technician

Last Name: Cardoso  
 First Name: Emmerson  
 Middle: Badaró

Service (Sector): Ocular Plastic Surgery

CEP Number: 1579/09

**5. ABSTRACT (REQUIRED):**

**Title:** Upper eyelid blepharoplasty with and without the resection of the orbicular muscle: a comparative study

**Author and Co-authors:** Badaró EC, Cariello AJ, Damasceno R, Viana GAP, Sant'Anna AE, Osaki MH.

**Purpose:** To compare the functional and esthetics outcomes of the blepharoplasty surgery with and without the resection of orbicular pre septal muscle.

**Methods:** Patients presenting primary dermatochalasis were submitted to photographic documentation, ophthalmologic examination and underwent upper eyelid blepharoplasty by the same surgeon in a standard technique. During the surgery, after the skin resection and adequate haemostasis in both eyelids, one side was randomly chosen and had the orbicular muscle excised. In the contra lateral side the muscle was preserved (control group). Both sides were closed with 6-0 mononylon continuous suture. All patients were examined and photographed after seven and thirty days. Three ocular plastic specialists evaluated the photographic and scored the esthetics aspect of surgery by a visual analogical scale.

**Results:** Fifteen patients were included in this study. All patients were females. The age ranged from 48 to 65 years with a mean of  $56.7 \pm 6.4$ . Preliminary results showed that there was no significant difference concerning the aesthetic and functional results in both sides 30 days after surgery.

**Conclusion:** Conclusion: After 30 days there were no differences in the functional and esthetics results of the blepharoplasty surgery with and without the resection of orbicular muscle.

**Keywords:** blepharoplasty, orbicular muscle