

**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. (PL- Oculoplastic)

**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'**

Ana Estela \_\_\_\_\_

**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)

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

Must be the author listed first in abstract body.

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

Last Name: Sant´Anna  
First Name: Ana Estela  
Middle: Besteti Pires Ponce

Service (Sector): Oculoplastic

CEP Number:0427-08

**5. ABSTRACT (REQUIRED):**

**Title: Salivary Gland and Labial Mucous Membrane Transplantation in the treatment of severe symblepharon and dry eye in patients with Stevens-Johnson Syndrome.**

**Authors:** Sant´Anna, AEBPP ; Osaki, TH ; Osaki, M ; Santos, HPR ; Costa, VLL ; Freitas, D. ; Gomes, JAP

**Purpose:** To evaluate salivary gland and labial mucous membrane transplantation in patients with severe symblepharon and dry eye secondary to Stevens-Johnson syndrome (SJS).

**Methods:** Nineteen patients with severe symblepharon and dry eye secondary to SJS underwent labial mucous membrane and salivary gland transplantation. Complete ophthalmic exam including Schirmer 1 test was performed before and after surgery.

**Results:** Eighteen patients referred some improvement after surgery. The Schirmer 1 test improved in fifteen patients (16 of the 21 operated eyes- 76%). Five eyes among twenty one operated remained zero (24%).

**Conclusion:** In this study, labial mucous membrane and salivary gland transplantation presented good results in the treatment of patients with severe symblepharon and dry eye secondary to SJS.

**Keywords:** labial mucous membrane, symblepharon, dry eye, Stevens-Johnson syndrome, salivary gland, ocular surface disease, transplantation.