

2007 Research Days Abstract Form – Department Ophthalmology – UNIFESP/EPM

2- SCIENTIFIC SECTION PREFERENCE  
**CO**

3- PRESENTATION PREFERENCE  
 (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"

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 Signature of First

Scientific Section Descriptions  
 (OR) ORBIT  
 (PL) OCULAR PLASTIC SURGERY  
 (RE) RETINA / VITREOUS  
 (RX) REFRACTION-CONTACT LENSES  
 (NO) NEURO-OPTHALMOLOGY  
 (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

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

Ferreira                  Nuno                  Basilio

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 Last Name                  First                  Middle

Cornea/External disease                  1465/07

Service (setor)                  \_\_\_\_\_                  Nº CEP

**Conjunctival transposition surgical technique for pterygium treatment.**  
 Ferreira N., Serapicos P., Kashiwabuchi R., Gomes J. A., Freitas D.

**Purpose:** To evaluate the efficacy of conjunctival transposition surgical technique in the treatment of pterygium

**Patients and Methods:** A prospective study involving 10 eyes from 10 patients with primary pterygium was carried out at the Cornea and External Disease Service of the Department of Ophthalmology, Federal University of Sao Paulo. Only patients older than 18 years old, with surgical indication for primary pterygium, without visual axis involvement, other past/present eye diseases or dubious diagnosis were included in the study. Conjunctival transposition surgical technique was performed in all affected eyes. Recurrence was evaluated using a grading system (1- normal appearance of surgical area, 2- fine episcleral vessels extending to limbus, 3 - fibrous tissue in surgical area, 4 - corneal recurrence). Patients were evaluated in days 1, 7, 15, and months 1, 3, 6, 12. Biomicroscopic photographs were acquired to document the follow-up and recurrence.

**Results:** No recurrence and low conjunctival inflammation was observed in all cases after 2 months of follow-up.

**Conclusions:** Conjunctival transposition surgical technique seems to be a good and feasible option for the treatment of primary pterygium. A prospective comparative study with more follow up time is needed to further define the long term efficacy of this technique.