

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"

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)

79. FIRST (PRESENTING) AUTHOR (REQUIRED):

Must be the author listed first in abstract body.

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

Last Name: Oliveira
First Name: Helena
Middle: Maria Costa

Service (Sector): Contact Lens (RX)

CEP Number: 1454/09

5. ABSTRACT (REQUIRED):

Title: **EVALUATION OF A NEW DESIGN CONTACT LENS FITTING FOR CORNEAL ECTASIA.**

Author and Co-authors (maximum 6): Helena M. C. Oliveira, Marcelo V. Sobrinho, César Lipener.

Purpose: To evaluate the initial experience with Rose K2 contact lens for corneal ectasias.

Methods: Fifty five patients (80 eyes) fitted with Rose K2 lens were retrospectively studied between January and December 2008. The following parameters were analysed: age, gender, diagnosis, Keratometry, topography, lens previously fitted, visual acuity, fitting parameters and complications.

Results: The visual acuity was better than 20/40 in 80,1%; 91,25% had keratoconus, 3,75% pos LASIK ectasia and 5% pellucid degeneration; 62,5% had central ectasia and 37,5%, temporal inferior.

Conclusion: The results show that Rose K2 contact lens is one more option for patients with corneal ectasia.

Keywords: contact lens, ectasia, keratoconus.

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