2009 Research Days Abstract Form – Department of Ophthalmology – UNIFESP/EPM

2. SCIENTIFIC SECTION PREFERENCE (REQUIRED): (PL)

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
x 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)

120. FIRST (PRESENTING) AUTHOR (REQUIRED):
Must be the author listed first in abstract body.

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

Last Name: Osaki
First Name: Teissy
Middle: Hentona

Service (Sector): Ocular Plastic Surgery

CEP Number: 1615/09

5. ABSTRACT (REQUIRED):

Title: Microbiological analysis of reconstituted botulinum toxin-A

Author and Co-authors (maximum 6): Teissy Osaki, MD ; Tammy Hentona Osaki, MD ; Midori Hentona Osaki, MD; Ana Estela Sant Anna, MD ; Maria Cecilia Zorat Yu ; Ana Luisa Hofling-Lima, MD, PhD

Purpose: To analyze microbial growth in reconstituted botulinum toxin-A solutions from vials, one month after use, stored in refrigerator.

Methods: 78 consecutive 100-U vials of botulinum toxin-A (Botox®) were stored in a multiuse medication refrigerator, after the applications. Four weeks later, the vials were sent to microbiological analysis. The contents of the vials were plated by microbiologists using standard techniques on blood agar, chocolate agar, Sabouraud agar and tioglycolate broth.

Results: No bacterial or fungus growth was found in the 78 analyzed vials.

Conclusion: The results of this study suggest that reconstituted botulinum toxin-A can be safely stored in refrigerator for at least 1 month.

Keywords

Please keep the format using font VERDANA, 10