

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)

124. FIRST (PRESENTING) AUTHOR (REQUIRED): Sonia M. Scavichia de Macedo

Must be the author listed first in abstract body.

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

Last Name: Macedo
 First Name: Sonia
 Middle: Maria Scavichia de

Service (Sector): Low Vision and Visual Rehabilitation Sector - Early Visual Stimulation Ambulatory.

CEP Number:

5. ABSTRACT (REQUIRED):

Title

PROFILE OF PATIENTS ATTENDED AT THE EARLY VISUAL STIMULATION/LOW VISION SECTOR OF THE UNIFESP DEPARTMENT OF OPHTHALMOLOGY

Macedo SMS, Nakanami CR, Lopes MCB.

Purpose

This study is aimed to describe the causes of visual impairment, associated systemic diseases, the age, gender and relevant information of children attended at the Early Visual Stimulation (EVS)/Low Vision Sector of the Dept of Ophthalmology of the Federal University of São Paulo.

Methods

It is a retrospective study developed at the EVS/Low Vision Sector from October 2007 to August 2008 and the data were collected based on the first 200 patient charts.

Results

A total of 196 medical records were analyzed: 54% were male and 46% female. Regarding to the age, 72% ranged from 0 to 3 years old. The most cases were referred by the Cataract Sector (56%) and bilateral cataract was the most frequent condition (45%). Among the associated systemic diseases we found Down Syndrome (10%), Hearing impairments (10%) and Chronic Encephalopathy (9%). A developmental delay was observed in 57% of all the patients. History and relevant information were obtained from parents (17%) or people in charge for the patient (44%).

Conclusion

Infantile Cataract was identified as the main cause of Visual Impairment as well the most cases were referred by the Cataract Sector. This outcome allows us for better understanding of children seen at the EVP-Low Vision Sector and confirms that Infantile Cataract as a major cause of Childhood Blindness and Visual Impairment in Brasil.

Keywords: low vision, visual rehabilitation, early intervention.