

# XII CONGRESS of ISD&DE

05-07

October 2017

Athens GREECE

Zappeion Megaron

International  
Society  
of Dacryology  
& Dry Eye

**DAY 1 THURSDAY, October 5<sup>th</sup> 2017**

**10:00-11:45 SESSION I: Clinical and Surgical Advances in Dry Eye Syndrome**

*Chair: Scheffer Tseng*

**1. Autologous serum eyedrops for severe Corneal Epitheliopathy**

**Mary Goto**

**ABSTRACT NOT AVAILABLE**

## DAY 2 FRIDAY, October 6<sup>th</sup> 2017

14:00-16:00 SESSION VII: Lacrimal Disorders and Trauma  
Chair: Yasser Khan

### 20. COMBINED INJURIES OF THE LACRIMAL DUCTS. WHAT TO DO?

Sergey Shkolnik

*IRTC "EYE MICROSURGERY OF" (RUSSIA)*

The most difficult task while treating lacrimal obstruction are combined injuries. Multilevel obstruction, trauma and congenital anomalies of orbit and facial skull, diseases of nasal cavity, deformation of eyelids and inner angle of eye included.

**Purpose:** To develop an algorithm of surgical treatment of lacrimal obstruction, complicated with additional levels of stenosis and pathology of adjacent structures.

**Methods:** We analyzed results of 42 surgeries. External, endonasal and transcanalicular approaches to lacrimal pathways and other methods of plastic reconstruction of soft tissues and face bones, orbit and nasal structures were used.

**Results:** best results in case of multilevel dacryostenosis were achieved by combining several approaches to lacrimal paths. Plastic surgeries with formation of lacrimal anastomosis and intubation were rendered in case of eye inner angle deformation. Stents made of polyurethane and silicone were used as intubation materials. In case of trauma and skull anomalies simultaneous or stage-by-stage surgeries on bones were rendered additionally. In case of concomitant ENT-pathology lacrimal anastomosis were combined with correction of nasal structures. Tear abduction recovery was achieved in 68% of cases. General anesthesia was used in 97%.

**Conclusions:** In case of complex pathology of lacrimal system individual approach, combination of various approaches and methods of treatment, participation of specialists of adjacent fields and good anesthesia are necessary.