

XII CONGRESS of ISD&DE

05-07

October 2017

Athens GREECE

Zappeion Megaron

International
Society
of Dacryology
& Dry Eye

DAY 1 THURSDAY, October 5th 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 6th 2017

16:30-18:00 SESSION VIII: Blepharitis & Dry Eye

Chair: Geoffrey Rose

24. RADIOSURGERY AS METHOD OF SEVERE "DRY EYE" TREATMENT

Sergey Shkolnik

IRTC "EYE MICROSURGERY OF" (RUSSIA)

Obturation of lacrimal ducts is used frequently in case of dry eye syndrome. The most famous are lacrimal points blocking with obturators, electrosurgical coagulation and covering with conjunctival flap.

Purpose: use of radiosurgery coagulation method in case of severe dry eye syndrome treatment.

Method: simple surgery was rendered in 26 patients. As a result of examination expressed or irreversible insufficiency of tear product was revealed. Under local anesthesia deep coagulation of lacrimal channels with lacrimal points additional closing by bipolar pincers was rendered with Surgitron generator of radio frequency oscillations (3,8-4 MHz frequency)

Results: Total block of lacrimal abduction and improvement of eye surface state was achieved in all patients. Occlusion of lacrimal channels is confirmed by scintigraphy.

Conclusions: radiosurgery method of lacrimal channels obturation is the most effective and sparing method in case of irreversible dry eye syndrome cases.