Pre-World Cornea Congress

KPRO STUDY GROUP

SYMPOSIUM

Program

April 14, 2015, 8 AM - 5 PM

SHILEY EYE INSTITUTE
UC SAN DIEGO

9415 Campus Point Drive, La Jolla, CA

Hosted by:

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Organized by:

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7:00am Registration & Continental Breakfast + uploading morning talks
8:20am Welcome/Introduction Afshari, De La Cruz, Parel
8:30am I. Boston KPro International/growth
   Moderators: Anthony Aldave, James Chodosh
8:30am Globalization of KPRO - Chodosh
8:40am International Growth - Aldave
8:50am Russia KPRO - Malyugin
9:00am PanKPRO Initiative - Perez, De La Cruz, Cruzat, Amescua, Cortina
9:10am Discussion
9:20am II. What have we learned in the last 10 years about complication and management of?
   Moderators: Esen Akpek, Mark Mannis
9:20am Glaucoma – current problems and future fixes - Goldberg
9:30am Pre-operative evaluation and tamponade consideration in patients undergoing keratoprosthesis - Freeman
9:40am Extrusion/melts - Akpek
9:50am Retroprosthetic membranes - Cortina
10:00am Infections - Amescua
10:10am Discussion
10:20am Coffee Break
10:50am III. New Diagnostics/Not yet widely used methods in:
   Moderators: Mark Rosenblatt, Kathy Colby
10:50am Introduction of imaging in KPRO - De La Cruz
11:00am Glaucoma imaging in KPRO - Cruzat
11:10am New developments in tissue modifications for improved outcomes of the Boston KPro - Ciolino
11:20am Advantages/Disadvantages in new backplate size/materials - Colby
11:30am Presence of SiO oil, no prior corneal surgery and postop contact lens use – Afshari
11:40am Novel approaches to KPro: an oculoplastics perspective - Kikkawa
11:50am Discussion
12:00pm IV. Rapid Fire Free Papers 6 min max
   Moderators: Natalie Afshari, Alvarez de Toledo
1:00pm Discussion
1:10pm Lunch + uploading afternoon talks
2:10pm V. MOOKP/Boston Type II
   Moderators: Victor Perez, Jim Chodosh
2:10pm Improvement MOOKP current procedure & update in complication management - Perez
2:20 pm Tibial KPro - Maria de la Paz
2:30 pm Differences in Type I and Type II - Chodosh
2:40 pm Discussion
2:50pm VI. Novel Devices and True integrating Artificial Corneas
   Moderators: Claes Dohlman, Robert Weinreb, Eduardo Alfonso
2:50pm In search of true integrating artificial corneas - Rosenblatt
3:00pm KeraKlear - Shiuey
3:10pm IOP monitoring - Weinreb
3:20pm Contact lens drug delivery and how it could benefit the Boston Kpro - Ciolino
3:30pm Lessons learned from MOOKP & Maxillofacial surgery (MITI KPro) - Parel, Arrieta
3:40pm What do MPOOKP and KPro patient sees? – Hernandez, Durkee, Parel
3:50pm Discussion 10 min
4:00pm VII. Rapid Fire Free Papers 6 min max
   Moderators: Maria de la Paz, Joe Ciolino
5:00pm Discussion
5:10pm Final Remarks /Conclusion Afshari, De La Cruz, Parel
Rapid-Fire Free Papers

**Morning Session – Moderators: Natalie Afshari, Alvarez de Toledo**

1. Incidence of Stevens-Johnson Syndrome and Chemical Burns to the Eye: Relevance to Keratoprosthesis Surgery
   
   Michelle White

2. International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome
   
   Anthony Aldave

3. Boston Type 1 Kerato-Prosthesis In High Risk Cases
   
   Alvarez de Toledo

4. Long Term Outcomes with Boston Type 1 Keratoprosthesis in Ocular Burns
   
   Lauro Oliveira

5. The advantageous use of Boston KPro in managing combined anterior and posterior segment pathology. A Case study
   
   Hatem Kobtan

6. Adjunct CXL of Carrier Cornea in two types of Keratoprosthesis. Technique and Outcomes
   
   Anastasios John Kanellopoulos

7. Boston type I Keratoprosthesis assisted with intra-prosthetic amniotic membrane (AmniotiKPro sandwich technique)
   
   Alejandron Navas

8. Prognostic Value of Peri-Prosthetic Tissue Loss for Corneal Melting - Results of a Longitudinal Anterior Segment OCT Study in Patients with Boston type 1 Keratoprosthesis
   
   Rodrigo Muller

9. Use of anterior segment optical coherence tomography to evaluate anterior chamber angle in different back plate models of Boston Type 1 keratoprosthesis
   
   Kimberly Hsu

10. Impact of Pars Plana Vitrectomy on Complications in Aphakic Boston Keratoprosthesis Patients
    
    Allister Gibbons

**Afternoon Session – Moderators: Maria de la Paz, Joe Ciolino**

11. Effect of keratoprosthesis on the eye. An animal study
    
    Alja Crnej

    
    Kavitha Sivaraman

13. KPro: What is the relationship between surface quality and biofilm adherence?
    
    Heather Durkee

14. Optimization of Titanium Surface Characteristic in Boston Keratoprosthesis Backplate
    
    Eleftherios Paschalis

15. Management of end stage corneal disease and chronic uveitic hypotony by combining the Boston type 1 keratoprosthesis with pars plana vitrectomy and silicone oil fill
    
    Tayyeba Ali

16. Five to Ten Year Follow-up of Boston Type 1 Keratoprostheses Demonstrates Stable Visual Acuity and Retention
    
    Anthony Aldave

17. Outcomes of primary Boston Type 1 keratoprosthesis placement
    
    Kimberly Hsu

18. Experience with Dohlman-Doane type I keratoprosthesis
    
    Sergio Kwitko

19. Novel Strategies to Improve Keratoprosthesis Outcomes
    
    Juan-Carlos Abad

20. Crosslinking of Donor Corneal Tissue with Glutaraldehyde (GA) for Keratoprosthesis
    
    K.S.Siddharthan

21. Setting up a Keratoprosthesis Service in a Tertiary Care Public Funded Hospital in India
    
    Radhika Tandon