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SYMPOSIUM & CONGRESS

2014

APRIL 25-29
BOSTON

ONLINE FINAL PROGRAM

The Only U.S. Meeting Dedicated
to the Anterior Segment Specialist
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The Leading Practice Management
Program in Ophthalmology

Cornea Day
ASCRS Glaucoma Day
ASOA Workshops



Technicians & Nurses Program
April 26-28, 2014

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ASCRS Poster Judges



Natalie A. Afshari, MD
Chief Judge



Amar Agarwal, FRCS



Sherleen H. Chen, MD



Roy S. Chuck, MD, PhD



Robert A. Copeland Jr, MD



Alan S. Crandall, MD



Maria Laura Gomez, MD, MAS



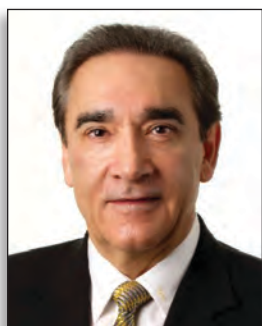
Farhad Hafezi, MD, PhD



Bennie H. Jeng, MD



Ahmad Kheirkhah, MD



John T. LiVecchi, MD



John Marshall, PhD



Shahzad Mian, MD



Ramón Naranjo-Tackman, MD



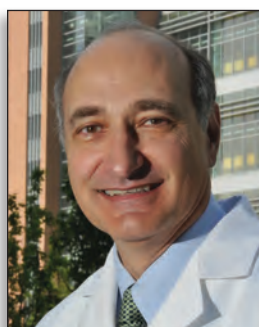
Aryan Shayegani, MD



Kuldev Singh, MD, MPH



Erin D. Stahl, MD



Michael J. Taravella, MD



George O. Waring IV, MD

Saturday, April 26

ASCRS Program—Scientific Papers and Symposia

1:36 Evaluation and Comparison of Patient Outcomes After Epithelium-on CXL in Patients Older Than 35 Years Considered to Be at Higher Risk for Complications With CXL

Roy S. Rubinfeld, MD*

Coauthors: William B. Trattler, MD,*

Rosane Correa, MD,* Gabriela Perez, MS*

1:41 Regional and Anisotropic Changes in Stromal Diffusivity After Corneal CXL With Riboflavin and UVA Light

George O. Waring IV, MD, FACS*

Coauthors: Richard G. Hepfer, BS,*

Changcheng Shi, PhD,* Hai Yao, PhD*

1:46 Optimizing Fluence Settings and Riboflavin Composition for CXL in Antimicrobial Efficiency Against Pseudomonas Aeruginosa

Olivier Richoz, MD

Coauthors: Florence Hoogewoud, MD,*

Farhad Hafezi, MD, PhD*

1:51 Variation in Central Corneal Thickness During Riboflavin Instillation in Corneal CLX With Open or Closed Eyes

Na Li, MD

Discussion



KERATOREFRACTIVE Topography, Keratometry, Pachymetry

1:00–2:30 PM

Room 150

Moderator: Perry S. Binder, MS, MD*

Panelists: Karolinne M. Rocha, MD, PhD*

Renato Ambrósio Jr, MD, PhD*

Samaresh Srivastava, DNB*

1:01 Effect of Flat Cornea on Visual Function After Refractive Surgery

Engy Mohamed Mostafa, MD, PhD

1:06 Intraoperative Noncontact Online Pachymetry for Measurement of Corneal Flap Thickness in LASIK Surgery

Patricio I. Grayeb, MD

Coauthors: Pablo J. Waimberg, MD,*

Agustina De Gainza, MD,* Carolina Massa, MD,*

Elias Grayeb, MD*

1:11 Corneal Topographic Change After PRK for Myopia: Follow-up Study Longer Than 15 Years

Osamu Hieda, MD

Coauthor: Shigeru Kinoshita, MD, PhD*

Discussion

1:21 Accuracy Advantage of Color LED Specular Reflection for Early Detection of Keratoconus

Xin Zhang, MD, PhD*

Coauthors: Victor Arni De Paz Sicam, PhD,*

Nic J. Reus, MD, PhD,* Annette Geerards, MD,

FRCOphth*

1:26 Keratometric Index in Keratoconus and in Keratoconus With Intracorneal Ring Segments

Victoria de Rojas, MD, PhD

Coauthors: Antía Gestoso, MD,*

Maria Alejandra Gomez, MD,*

Renata Pacheco Rodrigues, MD,*

Maria Josefa Pombo García, MD,* Isabel Lopez, MD*

1:31 Correlation of Scheimpflug and Ocular Coherence Tomography Relational Thickness Metrics in Refractive Surgery Patients

Heather M. Weissman, MD

Coauthor: J. Bradley Randleman, MD*

1:36 Corneal Topography Using Placido Dual Rotating Scheimpflug, Swept-Source Optical Coherence Tomography, and Placido Scanning-Slit System

Yong Woo Lee, MD

Coauthor: Chul Young Choi, MD*

*Denotes financial interest; see Financial Interest Index for full listing

ASCRS Program—Scientific Papers and Symposia

Sunday, April 27



CORNEA Rings and Crosslinking

3:00–4:30 PM

Room 151B

Moderator: George O. Waring IV, MD, FACS*

Panelists: Michael H. Goldstein, MD*

Maria A. Henriquez, MD

Ken Y. Lin, MD, PhD

3:01 Comparative Study of 2 Intrastromal Corneal Ring Segment Models in Keratoconus Management Using Femtosecond Laser Technology

Ahmed E. Kotb, MD, FRCSEd

3:06 360-Degree Intrastromal Corneal Ring for Advanced Keratoconus

Luis Izquierdo Jr, MD

Coauthor: Maria A. Henriquez, MD*

3:11 Changes in Corneal and Refractive Astigmatism Using Intracorneal Ring Segments of 90 and 130 Degrees in Keratoconus

Maria X. Nunez, MD*

Coauthor: Claudia Blanco, MD*

3:16 Advanced Cases of Ectasia and Use of ICRS Implantation

Ahmed AlSaadi, MD, FRCSC

Coauthor: Amna H. AlMaazmi, MD*

3:21 Intracorneal Ring Segment of 210-Degrees in Post-LASIK Ectasia and Decentered Keratoconus: Follow-up of Clinical and Biomechanical Changes

Claudia Blanco, MD

Coauthor: Maria X. Nunez, MD*

Discussion

3:31 Evaluation of Epi-Crosslinking in Removing Epithelium in Mild Keratoconus

Rafael A. Mateo Camaran, MD

Coauthor: L. Felipe Vejarano, MD*

3:36 Comparison of 2 Riboflavin Formulations in Patients Having Epithelial-On Corneal CXL for Keratoconus

William B. Trattler, MD*

Coauthors: Roy S. Rubinfeld, MD,*

Rosane Correa, MD,* Charles J. Kaiser, MD,*

Carlos Buznego, MD*

3:41 Evaluation of 2 Riboflavin Dosing Regimens for Corneal CXL in Eyes With Progressive Keratoconus or Ectasia

Adebukola O. Adebayo, MD

Coauthors: Marianne O. Price, PhD,*

Francis W. Price Jr, MD*

3:46 Corneal Collagen Crosslinking Oxygen Dependency

Arthur Hammer, MD*

Coauthors: Olivier Richoz, MD,*

Samuel Arba Mosquera, PhD,* Zisis Gatzoufas, MD,*

Farhad Hafezi, MD, PhD*

Discussion

3:56 New 355-Degree Intracorneal Ring and Simultaneous Intrastromal Crosslinking for Treatment of Nipple-Type Keratoconus

Francisco Sánchez León, MD*

Coauthor: Sandra Sanoja Sarabia, MD*

4:01 New 355-Degree Intracorneal Ring Segment for Management of Keratoconus: 1-Year Follow-up

Tarek Abdel Wahab, MD

4:06 Topography-Guided PRK Plus Simultaneous Riboflavin–UVA CXL After Intrastromal Corneal Ring Segment Implantation for Progressive Keratoconus

Dominique Pietrini, MD

Coauthor: Tony Guedj, OD, ORTH*

4:11 Combined Intrastromal Corneal Ring Implantation and Corneal CXL in Patients With Progressive Keratoconus: 30-Month Outcomes

Santiago Onnis, MD

Coauthors: Roger Onnis, MD,* Sebastian Onnis, MD,*

Gabriela F. Bottanelli, MD,* Elodia L. Ayala, MD*

*Denotes financial interest; see Financial Interest Index for full listing

Monday, April 28

ASCRS Program—Scientific Papers and Symposia

- 10:13 Role of Corneal CXL in Management of Infectious Keratitis**
Farhad Hafezi, MD, PhD*
Coauthors: Mohamed Elalfy, MD, Zisis Gatzoufas, MD, Harminder S. Dua, MD, PhD, Dalia G. Said, MD
- 10:24 Innovations in Excimer Laser Custom Ablation**
Paolo Vinciguerra, MD*
- 10:35 Better Therapeutics in Glaucoma Through Drug Delivery**
Gary D. Novack, PhD*
- 10:46 Next Generation of Therapeutic Modalities for Corneal Endothelial Dysfunction**
Shigeru Kinoshita, MD, PhD*
- 10:58 2014 Charles D. Kelman Innovator's Lecture**
Something Borrowed, Something New: Improved Accuracy for IOL Selection
Warren E. Hill, MD*



Symposium: Improving Precision in Ophthalmic Surgery: Are We Doing Enough?

1:00–2:30 pm

Room 205ABC

Sponsored by the Journal of Cataract & Refractive Surgery

Moderators: William J. Dupps Jr, MD, PhD*
Nick Mamalis, MD*

- 1:00 Femtosecond Laser–Assisted Cataract Surgery: Not Enough Data on Superiority**
Brendan J. Vote, FRANZCO
Jonathan H. Talamo, MD*
- 1:14 Discussion**
- 1:22 Dry-Eye Assessment and Treatment in Cataract and Refractive Surgery**
Francis S. Mah, MD*
John D. Sheppard, MD, MMSc*
- 1:36 Discussion**

- 1:44 Residual Astigmatism in Multifocal/Premium IOLs**

Pablo Artal, PhD*

Steve C. Schallhorn, MD*

- 1:58 Discussion**

- 2:06 Diagnostic Testing for Toric IOLs: Measuring Power and Axis**

Warren E. Hill, MD*

Helga P. Sandoval, MD, MSCR*

- 2:20 Discussion**



Symposium: Innovations in Corneal Transplantation From Around the World Incorporating the 2014 Richard L. Lindstrom, MD, Lecture

1:00–2:30 PM

Room 204AB

Sponsored by CLAO

Moderators: Deborah S. Jacobs, MD
Deepinder K. Dhalliwal, MD, LAc*
Warren R. Fagadau, MD

- 1:00 Welcome and Introduction**
Deepinder K. Dhalliwal, MD, LAc*
- 1:01 Innovations in Limbal Stem Cell Transplantation**
Virender Sangwan, MD*
- 1:11 Innovations in Lamellar Keratoplasty**
Jod S. Mehta, MD, FRCSEd*
- 1:21 Innovations in Femtosecond Laser–Assisted Keratoplasty**
Marjan Farid, MD*
- 1:31 Innovations in Endothelial Keratoplasty: DSAEK**
Neda Shamie, MD*
- 1:41 Innovations in Endothelial Keratoplasty: DMEK**
Michael D. Straiko, MD

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