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13[™] INTERNATIONAL CONFERENCE OF THE RESEARCH INSTITUTE OF OPHTHALMOLOGY

CURRENT CHALLENGES IN Calaract SRefractive SURGERY

23-25 JANUARY 2019

SCIENTIFIC PROGRAM



AN EXTENSIVE PORTFOLIO



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Delcome

It is our great pleasure to invite you to the 13th Annual International Meeting of Research Institute of Ophthalmology (RIO). This will be held from 23 to 25 January, 2019 at Hilton Heliopolis, Cairo, Egypt.

The theme of our conference this year is **"Current Challenges in Cataract and Refractive Surgery"**. A highly selective faculty will enrich the scientific program by addressing several controversial and challenging subjects and situations. This will be through lectures, symposia, panel discussions, video presentations and interactive sessions. All this is in addition to instructive courses and wet labs. An exhibition area will present the most updated surgical and pharmaceutical equipment in the field.

Fantastic tours will be offered to visit the charming old and modern places of our inviting and warm city Cairo. Wish you a very nice and memorable stay with friends in Egypt exchanging ideas and opinions both on scientific and social levels.

Conference President Professor Mahmoud Afifi Conference General Secretary Professor Mostafa Salah

RIO 2019

CONFERENCE BOARD

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Congress halls will be equipped with:

Two laptops: one Apple Mac & one PC with Microsoft Windows 8 and Microsoft Office 2013. Internet access will NOT be available inside the meeting rooms.

To ensure that the meeting progresses smoothly, please stick to the following instructions:

- All presentations should be recorded on a USB flash memory (preferred).
- Please save presentations in PowerPoint 2007 or later format for PC & Keynote for Apple.
- Upload your presentation early to the Audiovisual Center (RM Events) as we will load the presentations to the hard drive of our systems before the sessions by one hour.
- No personal laptops are permitted for presentations.
- In case you have problems with your presentation(s), please do not hesitate to contact the IT support team (RM Events).



12:55 🔣 → 00:55 🕺

Computerized COUNT-DOWN TIMER

will monitor speakers' time

So make sure to present during the given time, as NO EXTRA TIME IS ALLOWED







| | REFRACTIVE (HALL A) | CATARACT (HALL B) |
|---------------|--|---|
| 12:00 - 13:30 | Lasik from A-Z Coordinator: Tamer Adel Instructors: Mostafa El Husseiny Mostafa Salah Olfat Omr Tarek El-Naggar | Mastering Phacoemulsification Coordinator: Haytham El Shawaf Instructors: Hatem Ammar Khaled Abdel Rahman Ramy Riad |
| 13:30 - 15:00 | Phakic IOLs Coordinator: Mostafa El Husseiny Instructors: Mostafa Salah Praveen Dhanapal | IOLs for Cataract Coordinator: Mahmoud Afifi Instructors: Ahmed El Kateb Alfredo Castillo Karim Adly Nabil Ragai |
| 15:00 - 15:30 | Coffee Break | |
| 15:30 - 17:00 | Management of keratoconus Coordinator: Tarek El-Naggar Instructors: Sameh El Agha Tamer Adel Waleed Al-Tuwairqi | Pediatric Cataract Coordinator: Sameh Galal Instructors: Adel Alei El Din Reham Fawzy |





PROGRAM AT A GLANCE

All Lectures are in Main Hall

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| 08:30 | Registration (open until 17:00) |
|---------------|---|
| 09:00 - 10:00 | Symposium 1 LVC Complications |
| 10:00 - 11:00 | Symposium 2 Pediatric Cataract and Refractive Challenges |
| 11:00 - 11:30 | Opening Ceremony |
| 11:30 - 12:00 | Coffee Break |
| 12:00 - 12:30 | Keynote Lecture |
| 12:30 - 13:30 | Symposium 3 Combined Cataract Surgery, When and How? |
| 13:30 - 14:30 | Symposium 4 Phakic IOLs: Techniques and Complications |
| 14:30 - 15:30 | Panel 1 Cataract: Management of Intraoperative Complications |
| 15:30 - 16:30 | Lunch Break |
| 16:30 - 17:30 | Video 1 IOLs: Surprises, Challenges and Complications |
| 17:30 - 18:30 | Symposium 5 Refractive Surgery With Ocular Comorbidity |
| 12:00 - 18:00 | Wet Labs (HALL B) Lasik flap making, Microkeratome / SBK Phakic IOLs loading, ICL / Artisan Iris Claw Phacoemulsifation |

PROGRAM AT A GLANCE

All Lectures are in Main Hall



| 09:00 - 10:00 | Symposium 6 Presbyopia: Surgical Options |
|---------------|--|
| 10:00 - 11:00 | Symposium 7 Optimizing Post LVC Visual Outcomes |
| 11:00 - 11:30 | RIO Memorial Lecture |
| 11:30 - 13:00 | Coffee Break & Gomaa Prayer |
| 13:00 - 14:00 | Video 2 Cataract Surgery: Surprises, Challenges and Complications |
| 14:00 - 15:03 | Symposium 8 Keratoconus: Management Updates |
| 15:03 - 16:00 | Lunch Break |
| 16:00 - 17:00 | Panel 2 Extreme and Difficult Refractive Errors: Problems and Solutions |
| 17:00 - 18:03 | Symposium 9 Refractive Cataract Surgery |
| 18:03 - 18:15 | Closing Ceremony |
| 12:00 - 18:00 | Wet Labs (HALL B) Lasik flap making, Microkeratome / SBK Phakic IOLs loading, ICL / Artisan Iris Claw Phacoemulsifation |



09:00 - 10:00 Symposium 1: (8 minutes presentations) LVC Complications

Chairpersons: Mohamed Baliegh, Mohamed Salah Zaatar, Rawia Abdel Hakiem, Taha Labib

| 09:00 - 09:08 | latrogenic Interface Fluid Syndrome <i>Moataz Sabry</i> |
|---------------|--|
| 09:08 - 09:16 | Flaps Re-lift: Why, When & How? Mostafa Salah |
| 09:16 - 09:24 | FemtoSMILE: Management of Intraoperative Difficulties & Complications Ayman Abd El Rahman |
| 09:24 - 09:32 | SMILE Challenges Moones Abdalla |
| 09:32 - 09:40 | Post Lasik Ectasia: What Do you Need to Know Salah Mahjoub |
| 09:40 - 09:48 | Post-SMILE Ectesia: The Unwritten Chapter Tarek El-Naggar |
| 09:48 - 10:00 | Discussion |





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10:00 - 11:00 **Symposium 2:** (7 minutes presentations) Pediatric Cataract and Refractive Challenges

Chairpersons: Adel Alei El Din, Akmal Rizk, Hala El Hilaly, Mohamed El Sada

| 10:00 - 10:07 | Pediatric Cataract Surgery Vladimir Pfeifer |
|---------------|--|
| 10:07 - 10:14 | Congenital Cataract: Problems and Solutions Mohamed El Sada |
| 10:14 - 10:21 | Management of Posterior Capsule in Congenital Cataract Surgery Nihal Shakankiry |
| 10:21 - 10:28 | Artisan Lens in Pediatric Cataract Adel Alei El Din |
| 10:28 - 10:35 | The Spectrum of Persistent Fetal Vasculature Hala El Hilaly |
| 10:35 - 10:42 | Refractive Surgery in Children Sameh Galal |
| 10:42 - 10:49 | SMILE for Children Moataz Sabry |
| 10:49 - 10:56 | Cross Linking in Children Salah Mahjoub |
| 10:56 - 11:00 | Discussion |



11:00 - 11:30Opening Ceremony11:00 - 11:15H/E Minster of Higher Education & Scientific Research
Khaled Abd Elghafar11:15 - 11:20President of RIO
Sherif Karawya11:20 - 11:25Conefrence President
Mahmoud Afifi11:25 - 11:30Conference General Secretary
Mostafa Salah11:30 - 12:00Coffee Break

12:00 - 12:30 Keynote Lecture

12:00 - 12:20 New Perspectives and Future Directions of Femto-laser Technology for the Anterior Segment *Ioannis Pallikaris*

12:20 - 12:30 Discussion



12:30 - 13:30 Symposium 3: (7 minutes presentations) Combined Cataract Surgery, When and How?

Chairpersons: Ahmed Atef, Bahaa Abdallah Hassan, Praveen Dhanapal, Tarek Katamish

- 12:30 12:37 Combined Phaco and Corneal Opacities Yehia Salah
- 12:37 12:44 Triple Phaco DMEK Tarek Katamish
- 12:44 12:51 Cataract and Glaucoma, the No Single Solution Ahmed Khalil
- 12:51 12:58 The Capsular Rings: Where We Are? Ioannis Pallikaris
- 12:58 13:05 Combined Phaco-vitrectomy: Who and Why? Bahaa Abdallah Hassan
- 13:05 13:12 Cataract and Diabetes: Surgical Options Karim Rizk
- 13:12 13:19 Cataract as an Initial Presentation of Intraocular Tumors Ihab Saad
- 13:19 13:26 Ocular Surface Disease: Never Too Scared to Operate Dina Baddar
- 13:26 13:30 Discussion



13:30 - 14:30 **Symposium 4:** (8 minutes presentations) Phakic IOLs: Techniques and Complications

Chairpersons: Adel El Layeh, Ahmed Shoeir, Alaa El-Danasoury, Ezz Eldein Galal

| 13:30 - 13:38 | ICL for High Myopia: Long-term Results and Complications Alfonso Arias |
|---------------|--|
| 13:38 - 13:46 | Posterior Chamber Phakic IOL for Myopia Below -5.0 D Alaa El-Danasoury |
| 13:46 - 13:54 | Artisan in Extreme Myopia > -20 D: Long Term Outcome Salah Mahjoub |
| 13:54 - 14:02 | Long-term Corneal Endothelial Safety After Iris-Fixated Phakic IOL Implantation in Myopic Eyes Alaa El-Danasoury |
| 14:02 - 14:10 | ICL Explantation : Why and How Mostafa Salah |
| 14:10 - 14:18 | Internal Aberrations Caused by Different Phakic IOLs Amr El Aswad |
| 14:18 - 14:26 | RD with Phakic IOLs Amr Azab |
| 14:26 - 14:30 | Discussion |



14:30 - 15:30 **Panel 1:** Cataract: Management Of Intraoperative Complications

Moderator: Haytham El Shawaf

Panelists: Alfonso Arias Khaled Mansour Mahmoud Afifi Vladimir Pfeifer Yehia Salah

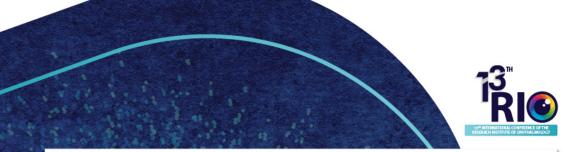
15:30 - 16:30 Lunch Break



16:30 - 17:30 Video 1: (5 minutes presentations) IOLs: Surprises, Challenges and Complications

Chairpersons: Alfonso Arias, Hatem Ammar, Mostafa Nabih, Tarek Elbeltagi

- 16:30 16:35 A Less Traumatic IOL Removal Ioannis Pallikaris
- 16:35 16:40 **Double Needle Flange Haptic Scleral Fixation in Eyes without Capsular Support** *Vladimir Pfeifer*
- 16:40 16:45 Non-Descemet Stripping Endothelial Keratoplasty in a Monocular Patient with Prior Ahmed Glaucoma Drainage Device Implant Praveen Dhanapal
- 16:45 16:50 After Cataract: A Surgical Challenge Khaled Hashem
- 16:50 16:55 Centration of a Decentered IOL Abdallah Hassouna
- 16:55 17:00 Subluxated Bag, Ring & Lens Salah Mahjoub
- 17:00 17:05 Still We Can Safely Implant in the Bag Ashraf Armia
- 17:05 17:10 IOL Injectors Mishappening Mahmoud Afifi



- 17:10 17:15 **IOLs in the Eyes of Vitreo-retinal Surgeon** *Mostafa Nabih*
- 17:15 17:20 IOL Explantation and Repositioning Vladimir Pfeifer
- 17:20 17:25 Last Minute Complications of Phacoemulsification Hatem Ammar
- 17:25 17:30 Modified Yamani Technique for Secondary IOL Implantation Ahmed El Massry

17



17:30 - 18:30 Symposium 5: (8 minutes presentations) Refractive Surgery With Ocular Comorbidity

Chairpersons: Ahmed Khalil, Amr Rashad, Nabil Ragai, Waleed Al-Tuwairgi

- 17:30 17:38 Lasik and Glaucoma: Roadmap for Management Hazem Helmy
- 17:38 17:46 Multifocality and Unhealthy Macula Alfonso Arias
- 17:46 17:54 Eye Light; a Further Step in the Treatment of Dry Eye: Improving the Quality of Vision in Refractive Surgery Nabil Ragai
- 17:54 18:02 Corneal Refractive Surgery in Uveitis Eiman Abdel Latif
- 18:02 18:10 Combined PRK and CXL in the Treatment of KC Waleed Al-Tuwairqi
- 18:10 18:18 **Ophthalmic Local Anesthesia: Management of Difficult Cases** Dalia Samir

18:18 - 18:30 Discussion



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09:00 - 10:00 Symposium 6: (7 minutes presentations) Prespyopia: Surgical Options

Chairpersons: Alfredo Castillo, Ashraf Sweilam, Mohamed Elsebaey, Mohamed Saad

- 09:00 09:07 Excimer Corneal Surgical Techniques for Presbyopia Correction Alfredo Castillo
- 09:07 09:14 Combined Lasik & Small Aperture Inlay Procedure Waleed Al-Tuwairqi
- 09:14 09:21 Actualizing and Understanding EDoF IOLs Nabil Ragai
- 09:21 09:28 Results and Case Selection for Extended Depth of Focus (EDoF) Intraocular Lens Alfredo Castillo
- 09:28 09:35 Current Criteria for Trifocal IOLs Implantation Alfonso Arias
- 09:35 09:42 Additive Hyperopia Correction to Improve Satisfaction After Trifocal IOL Implantation. Theo Seiler
- 09:42 09:49 Trifocal IOLs, 6 Months Clinical Results Alaa El-Danasoury
- 09:49 09:56 EDoF IOL "AT LARA" VS Trifocal IOL "AT LISA TRI" Nabil Ragai

09:56 - 10:00 Discussion

20



10:00 - 11:00 Symposium 7: (7 minutes presentations) Optimizing Post LVC Visual Outcomes

Chairpersons: Abdel Aziz Emam, Mahmoud Ismail, Mohamed Shafik, Salah Mahjoub

| 10:00 - 10:07 | Optimizing Femto Flap Parameters Salah Mahjoub |
|---------------|---|
| 10:07 - 10:14 | Selective Wavefront Guided Lasik Theo Seiler |
| 10:14 - 10:21 | Q Value for Aspheric Ablation Mahmoud Ismail |
| 10:21 - 10:28 | Astigmatic Keratotomy With PRK For Mixed Astigmatism Correction Ayman Nasr |
| 10:28 - 10:35 | WF Guided Redo: Addressing the Problem Mohamed Shafik |
| 10:35 - 10:42 | Femto Laser Ring Cut Enhancement Nader Fawzy |
| 10:42 - 10:49 | SMILE Enhancement Moones Abdalla |
| 10:49 - 10:56 | Hard Contact Lens for Post Lasik Visual Surprises Amira Hamdy |
| 10:56 - 11:00 | Discussion |

| Friday | |
|-----------------|--|
| 25 JANUARY 2019 | |

11:00 - 11:30 RIO Memorial Lecture

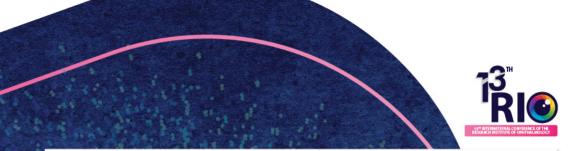
- 11:00 11:20 CXL: Long Term Follow Up and Updates Theo Seiler
- 11:20 11:30 Discussion

11:30 - 13:00 Gomaa Prayer & Coffee Break

| 13:00 - 14:00 | Video 2: (5 minutes presentations) |
|---------------|---|
| | Cataract Surgery: Surprises, Challenges and Complications |

Chairpersons: Ehab Ghoneim, Fathy Fawzy, Hisham Ali Hashem, Vladimir Pfeifer

- 13:00 13:05 **The Crater Cataract** *Praveen Dhanapal*
- 13:05 13:10 Hiding Cortical Fragments Yehia Salah
- 13:10 13:15 Dropped IOLs: Different Options for Aphakia Correction Ahmed Elsawy
- 13:15 13:20 Hard Cataract, Narrow Pupil & Opened Posterior Capsule Khaled Hashem



| 13:20 - 13:25 | Fallen Nucleus: What To Do? Karim Rizk |
|---------------|--|
| 13:25 - 13:30 | Is Successful In-bag Implantation a Lifelong Solution to Cataract? Fathy Fawzy |
| 13:30 - 13:35 | Cataract in Dense Vitreous Hemorrhage Amr Azab |
| 13:35 - 13:40 | Cracker Blast Injury with Traumatic Cataract and Multiple Retrolental Foreign Bodies: Minimally Invasive Approach Praveen Dhanapal |
| 13:40 - 13:45 | Artificial Iris and IOL Implantation in Ocular Trauma Vladimir Pfeifer |
| 13:45 - 13:50 | Combined DALK and Phaco Salah Mahjoub |
| 13:50 - 13:55 | Double CTS Insertion in a Case of Subluxation Secondary to Microspherophakia Sameh El Agha |
| 13:55 - 14:00 | Management of Post Cataract Corneal Decompansation Ahmed Sharawy |

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14:00 - 15:03 **Symposium 8:** (7 minutes presentations) Keratoconus: Management Updates

Chairpersons: Ahmed El Massry, Ayman Salah, Hany Elsaftawy, Theo Seiler

| | 14:00 - 14:07 | Combined Placido Imaging with Anterior Segment OCT; a New Look to the Anterior Segment Alaa El-Danasoury |
|---|---------------|--|
| | 14:07 - 14:14 | New ABCD Staging System for Keratoconus Praveen Dhanapal |
| | 14:14 - 14:21 | KC Management: What's New in 2019? Mohamed Shafik |
| | 14:21 - 14:28 | ICR Made Easy Waleed Al-Tuwairqi |
| | 14:28 - 14:35 | Customized CXL: 3 Year Results Theo Seiler |
| | 14:35 - 14:42 | Combined ICRS & CXL in Moderate KC Ahmed El Massry |
| | 14:42 - 14:49 | CXL for Keratoconus in Thin Corneas Sameh El Agha |
| | 14:49 - 14:56 | Keratoconus: Progression and CXL Re-treatment Moataz Sabry |
| | 14:56 - 15:03 | Femto Assisted DALK in Keratoconus Salah Mahjoub |
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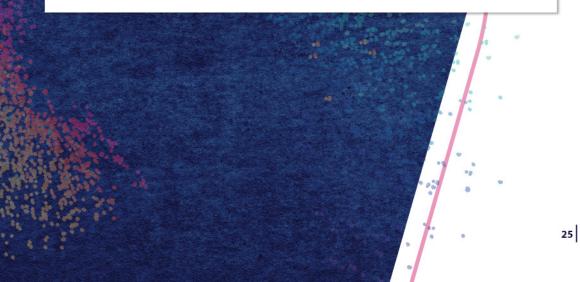


15:03 - 16:00 Lunch Break

16:00 - 17:00 **Panel 2:** Extreme and Difficult Refractive Errors: Problems and Solutions

Moderator: Tarek El-Naggar

Panelists: Alaa El-Danasoury Ioannis Pallikaris Mohamed Shafik Mostafa Salah Theo Seiler



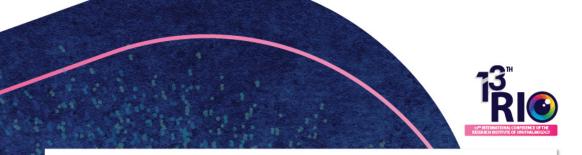


| 17:00 - 18:03 | Symposium 9: (7 minutes presentations) |
|---------------|--|
| | Refractive Cataract Surgery |

Chairpersons: Ashraf El Habbak, Ioannis Pallikaris, Sayed El Toukhy, Yakubu Adam

| 17:00 - 17:07 | DLI (Dysfunction Lens Index) and Early Cataract Detection |
|---------------|---|
| | Ioannis Pallikaris |

- 17:07 17:14 Importance of Posterior Segment Imaging in Preoperative Cataract Assessment Nihal Adel
- 17:14 17:21 Advantages of FLACS Yakubu Adam
- 17:21 17:28 The Challenge of Cataract Surgery in a Patient Previously Treated with Corneal Refractive Surgery Alfredo Castillo
- 17:28 17:35 Surgical Correction of Extreme Post-surgical Astigmatism Alfonso Arias
- 17:35 17:42 Digital Versus Manual Marking for Toric IOLs Salah Mahjoub
- 17:42 17:49 Sulcoflex Duet: An Adjustable Solution for the Correction of Presbyopia Nabil Ragai



- 17:49 17:56 The Mini-Mono-Vision, Can it Be the Decent Approach to a Glasses-free post-cataract Surgery? Ahmed Khalil
- 17:56 18:03 **Premium Complication in Premium Surgery with Toric Trifocal IOL** Alfonso Arias

18:03 - 18:15 Closing Ceremony

12:00 - 18:00 *Thursday* **24** JANUARY 2019

- Lasik flap making Microkeratome / SBK
- Phakic IOLs loading ICL / Artisan Iris Claw
- Phacoemulsifation

12:00 - 18:00

Friday **25** JANUARY 2019

- Lasik flap making Microkeratome / SBK
- Phakic IOLs loading ICL / Artisan Iris Claw
- Phacoemulsifation

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 Thursday

 Lunch
 15:30 - 16:30

 Break
 Friday

 15:03 - 16:00

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