



Organized by

Egyptian Refractive Club of the Egyptian Ophthalmological Society

co-sponsor with

The International Society of Refractive Surgery (ISRS)





WELCOME ADDRESS FROM THE PRESIDENT OF ERC

In the last two decades, refractive surgery has achieved enormous developments which improved the visual outcome for our patients. This necessitated more cooperation between the supporting technology and the surgeons. Also, it required more meetings to give a chance for knowledge exchange.

Because of that, we established the **EGYPTIAN REFRACTIVE CLUB (ERC)**, which is one of the subspecialties of the **EGYPTIAN SOCIETY OF OPHTHALMOLOGY**. Our target is to enhance the skills of our refractive surgeons



through facilitation of the scientific knowledge exchange in the annual meetings, and through instructions courses and workshops which improve the diagnostic and surgical skills of the refractive surgeon.

Believing that the **INTERNATIONAL SOCIETY OF REFRACTIVE SURGERY (ISRS)** is the best international organization in this field, we decided to make the joint annual meeting together to offer to our surgeons the best experience in refractive surgery.

So, with this cooperation, we are offering to our members the most updated scientific experience through leaders from Europe and the Middle East to share with our eminent Egyptian refractive surgeons in the scientific program. Finally, in the name of ERC, I would like to welcome you all in Cairo. Also, I would like to thank our distinguished speakers for their contribution in this meeting, and I wish that the meeting fulfill the goals we are looking up to.

Mounir Khalifa, MD, PhD President of ERC

WELCOME ADDRESS FROM THE GENERAL SECRETARY OF ERC

I am fully convinced that medical and surgical ophthalmic standards in Egypt are one of the best in the region and may be in the world, many of The Egyptian Ophthalmologists traveled to learn from the experience of others and to modify and build on their own experience.

One of The main goals of The Egyptian Ophthalmological Society is to raise the standards of ophthalmic practice in Egypt, to reach such standards



the interaction with the experience of others and presenting our own experience is a crucial factor, we established The Egyptian Refractive Club to participate in transferring the up to date Ophthalmic knowledge to our colleagues in Egypt especially to our brilliant young generations.

Egypt by its history and its geographic position gave Cairo a unique priority on other places , Cairo has been always at the center of development of medicine and surgery in the region, many of our international friends new that so when we think of contacting guest speakers we always feel the respect to Egypt and Egyptians, personally I gained a lot of friendship from my previous experiences in organizing RIO meeting and I feel always the support of my old international friends, I am privileged by their friendship and I hope that this friendship will grow and last, we always have the honor to have new International speakers so our potential friends are growing we hope to see you all always between us.

Egypt after the revolution gave us all a new hope in the future, why not I believe that we deserve better and one day soon we all will see Egypt as we dreamed of, I am very thankful to all our colleagues in The Egyptian Ophthalmological Society who helped and support the formation of our Egyptian Refractive Club as they believe that we should all do our best to the Egyptian Ophthalmologists.

I am privileged to have a team of Ophthalmologists who I can always depends on, their work helped to do a better preparation for such events, I am very thankful and I hope for them a prosperous future.

My Friends, I welcome you all to our meeting, your support is the corner stone in any success, I hope that you all will be satisfied by our effort, I believe that we can always do better and we welcome all the advices you may have, I hope for you all a useful meeting, I wish you all the Best.

Professor Tarek Elbeltagi MD,PhD.
General Secretary of Egyptian Refractive Club.

Organizing Committee

Prof. Tharwat Mokbel

Prof. Jogre Alio

Prof. Mahmoud Abo Stiet

Prof. Mahmoud Ismail

Dr. Tarek Abdelwahab

Dr. Ahmed Shaarawy

Scientific Committee

Prof. Mohamed Shafik

Prof. Mohamed Hosny

Dr. Tarek Elnaggar

Dr. Mohamed Elkateb

Dr. Hytham Elshawaf

Dr. Dina Baddar

General Information ...

Lunch

Daily lunch is available for the attendant special tickets are essential for admission Special tickets are essential for admission

Kindly Contact ALFA MEDICAL front office for details

GALA Dinner

Will be served at the Farhaty Hall, Thursday May 3rd, 2012 At 9:00 pm Special tickets are essential for admission Kindly Contact ALFA MEDICAL front office for details



OFFICIAL ORGANIZER OF THE CONGRESS

Day 1: Thursday May 3rd,2012

Opening Ceremony

(9:00 - 9:30)

Mounir Khalifa (9:05 - 9:10) Tharwat Mokbel (9:10 - 9:15) Theo Seiler (9:15 - 9:20) Jorge Alio (9:20 - 9:25)

Session number (I): What's New in Laser Vision Correction

(9:30 - 11:30) =

Chairpersons:

Jorge Alio Mohamed El-Aswad Mervat Salah Ahmed Barrada

1. Keynote lecturea

Theo Seiler (9:30 - 9:42): Next Steps in the Future of Refractive Surgery.

- 2. Ahmed Barrada (9:42 9:50): Visual and Optical Outcome After Moderate to High Hyperopic Lasik.
- 3. Tamer Gamaly (9:50 9:58): IL-Lasik Conventional and Customized.
- 4. Keynote lecture

Antonio Uceda (9:58 - 10: 10): Personal Experience with Advance Custom Vue iLasik **Discussion (10:10 - 10:15)**

5. Keynote lecture

John Marshall (10:15 - 10:27): Biomechanics the Enemy of Refractive Surgery.

- 6. Tarek El-Naggar (10:27 10:35): TransPRK: Advanced Surface Ablation Technique.
- 7. Antonio Uceda (10:35 10:43): iDesign: Overview and Preliminary Clinical Results.
- 8. Mohamed El Aswad (10:43 10:51): Acquired Astigmatism After Lasik Treatment. Discussion (10:51 10:56)

9. Keynote lecture

Jorge Alio (10:56 - 11:08): Presbyopic Multifocal Lasik Profiles, Presbylasik

- 10. John Marshall (11:08 11:16): Wound Healing and Refractive Surgery.
- 11. Bassam El Kady (11:16 11:24): Refractive Outcomes and Quality of Vision Related to an Outbreak of Diffuse Lamellar Keratitis

Discussion (11:24 - 11:30)

Coffee break (11:30 - 12:00)

Session number (II): New Technology and Techniques in Cataract Surgery and Premium IOLs (12:00 - 14:00)

Chairpersons:

Theo Seiler Alaa Alzawawy Fathy Fawzy Ahmed Al-Massry

Keynote lecture

Jorge Alio (12:00 - 12:12): Femtolaser Assisted Cataract Surgery: How to use it in Different Cases of Cataract Surgery.

- 2. Ahmed El Massry (12:12 12:20): Cataract in a Compromised Cornea.
- 3. Fathy Fawzy (12:20 12:28): Late in- the -bag Implantation of Intraocular Lenses as an Important Tool in Treating Sulcus Displaced IOL.

Discussion (12:28 - 12:33)

4. Keynote lecture

Matteo Piovella (12:33 - 12:45): Dual Optic Accommodative IOL Implantation: An Effective Solution to Avoid Quality of Vision Penalization.

- 5. Jorge Alio (12:45 12:53): Toric Multifocal IOLs: Outcomes and Key Factors for Success.
- 6. Ahmed Sedky (12:53 13:01): Multifocal IOL, It Is Not That Bad.
- 7. Ahmed Assaf (13:01 13:09): Toric Diffractive Aspheric Multifocal IOL to Address Presbyopia and Astigmatism During Cataract Surgery.
- Matteo Piovella (13:09 13:17): Presbyopia Treatment Using the Latest Generation of Multifocal IOLs: the Role of Diffraction Efficiency, Light Loss and Contrast Sensitivity.
 Discussion (13:17 - 13:22)

9. Keynote lecture

Tobias Neuhann (13:22 - 13:34): One-year Results with the Light-adjustable Lens Implanted in Virgin Eyes and After Previous Corneal Refractive Surger.

- 10. John Marshall (13:42 13:50): Yellow Lenses and AMD
- 11. Adel Alei Eldin (13:34 13:42): Pediatric Cataract A Long Story
- 12. Matteo Piovella (13:50 13:58): Clear Lens Exchange in Eyes with Shallow Anterior Chamber Depth and Narrow Angle: Indications and Surgical Management.

Discussion (13:58 - 14:00)

Lunch break (14:00 - 15:00)

Session number (III): Ultimate Management of Ectasia and Keratoconus (Part 1)

(15:00 - 17:00) =

Chairpersons:

John Marshall

Hussein Aly Hussein

Riad Fikry

Mohamed Shafik

1. Keynote lecture

Theo Seiler (15:00 - 15:12): New Aspects of Corneal Crosslinking.

- 2. Mahmoud Ismael (15:12 15:20): Intrastromal Crosslinking
- 3. Abdallah Hassouna (15:20 15: 28): Combined PRK and Corneal Crosslinking for Optical Treatment of Keratoconus.
- Waleed Al-Tuwairqi (15:28 15:36): Intra Corneal Rings (ICR) Followed by Photorefractive Keratectomy (PRK) with Corneal Cross-Linking (CXL), Two Step Approach for Moderate Keratoconus.
- Riad Fikry (15:36 15:44): Simultaneous New 200 KHz Femtosecond Laser-Assisted Intrastromal Corneal Ring Segments and Corneal Crosslinking in Keratoconus Patients.
 Discussion (15:44 - 15:49)
- 6. Keynote lecture

John Marshall (15:49 - 16:01): Microwaves a Treatment for Keratoconus.

- 7. Mounir Khalifa (16:01 16:09): Management of Forme Fruste Keratoconus.
- 8. Mohamed Shafik (16:09 16:17): Toric ICL to Correct Ametropia in Crosslinked Keratoconic Eyes: 3-year Experience.
- 9. Jorge Alio (16:17 16:25): New Classification Based on Clinical and Modern Technology Data.
- 10. Mohamed Shabayek (16:25 16:33): Corneal Coma and Comalike Aberration for Keratoconus Classification: How and Why.

Discussion (16:33 - 17:00)

Session number (IV): ISRS Session (Part I) Corneal Crosslinking, the Great Debate (17:00 - 18:00)

Moderator: Tamer Gamaly

Panel:

Theo Seiler, John Marshall

Session number (V): Phakic IOLs: The Best Alternative to LVC

(18:00 - 19:30) =

Chairpersons:

Matteo Piovella

Beshr Kenawy

Sayed Elewah

Ahmed Shoeir

1. Keynote lecture

Jorge Alio (18:00 - 18:12): Pearls and Outcomes of the Implantation of the Cachet Angle Supported IOL.

- 2. Anas Anbari (18:12 18:20): Special Cases of Anterior and Posterior Iris Fixation of Iris Fixated Phakic and Aphakic IOLs.
- 3. Mahfouth A Bamashmus (18:20 18:28): Phakic Intraocular Lens Implantation in Yemen: A Retrospective Analysis of indications of 835 eyes with Visian ICL.
- 4. Ehab Mossallam (18:28 18:36): Optimum Visian ICL vault The key to avoid complications.
- 5. Mohamed Hosny (18:36 18:44): Higher Order Aberrations after phakic implants to correct high myopia , Acrysof Cachet versus ICLs.
- 6. Mohamed El-Kateb (18:44 18:52): ICL in Children .. Early Clinical Experience.

7. Keynote lecture

Matteo Piovella (19:00 - 19:12) : Solving High Myopia Problem with Phakic IOLs: Virtuosity or Frontier?

Discussion (19:12 - 19:30)

Gala Dinner (21:30 - 23:30)

Day 2: Friday May 4th,2012

Session number (VI): Femtosecond Surgery: The State of Art

(9:30 - 10:30)

Chairpersons:

Mounir Khalifa

Waleed Al Tuwairqi

Khalid Mansour

Mohamed Hegazy

1. Keynote lecture

Jorge Alio (9:30 - 9:42): Femtosecond Assisted Keratoplasty in Difficult and Special Cases of PKP and DALK.

- 2. Ahmed Tawfik (9:42 9:50): Shifting to Femtosecond Laser in Corneal Ring Segment Implantation for KC.
- 3. Osama Al Nahrawy (9:50 9:58): Diffusion of Femtosecond Laser Technology as a Tool for Refractive Surgery in Egypt as Compared to International Markets.
- 4. Tamer Massoud (9:58 10: 06): Femtosecond Refractive Lenticule Extraction; A Solution for Post Keratoplasty Myopic astigmatism.

Discussion (10:06 - 10:30)

Session number (VII): ISRS Session (Part II) Best Ablation Prifiles: The Great Debate (10:30-12:00)

<u>Moderator:</u> Tamer Gamaly <u>Panel</u>: Jorge Alio, Theo Seiler

Prayer and lunch break (12:00 – 14:00)

Session number (VIII): New Frontiers in Corneal Surgery (14:00 - 15:30)

Chairpersons:

Tobias Neuhann

Tharwat Mokbel

Karim Kollkilah

Mahmoud Ismail

Keynote lecture

Tobias Neuhann (14:00 - 14:12) : Update of Femtosecond-laser-assisted Corneal Transplants.

- 2. Mahmoud Afifi (14:12 14:20) : DAIK, Gaining the Experience.
- 3. Tarek Katamish (14:20 14:28) : DALK (Big Bubble Technique).
- 4. Mohamed Bahgat (14:28 14:36): When the Big Bubble Fails!
- 5. Dalia Galal (14:36 14:44) : DSEK the Way to Start.

Discussion (14:44 - 14:49)

6. Keynote lecture

Harminder Dua (14:49 – 15:01): Amniotic Membrane in Corneal Surgery.

- Anas Anbari (15:01 15:09): Iris Fixated IOL Implantation for Refractive Correction Following Penetrating and Deep Anterior Lamellar Keratoplasty.
- 8. Harminder Dua (15:09 15:17): Perspectives in Corneal Vascularisation.

Discussion (15:17 - 15:30)

Session number (IX): The Secrets of Ocular Surface Diseases

(15:30-16:30) =

Chairpersons:

Harminder Dua

Adel Abdel-Razik

Mohamed Sedky

Abdallah Hassouna

1. Keynote lecture

Harminder Dua (15:30 – 15:42): The Ocular Surface Syndrome Post Refractive Surgery.

- 2. Osama Shalaby (15:42 15:50): Effect of Preexisting Ocular Surface Disease on Keratorefractive Surgery Outcome.
- Ahmed Atef (15:50 15:58): New Modalities in the Management of Ocular Surface Squamous Neoplasia (OSSN).
- Jorge Alio (15:58 16:06): Use of Autologous Fibrin with Platelet Rich Plasma in the Perforated Cornea.
- 5. Harminder Dua (16:06 16:14): Atypical Keratitis.
- Sameh Al-Agha (16:14 16:22): OCT-guided Management of Superficial Corneal Opacities.
- 7. Harminder Dua (16:22 16:30): Nove Insights into Corneal Innervation.
 - Coffee break (16:30 17:00)

Session number (X): Ultimate Management of Ectasia and Keratoconus (Part 2)

(17:00-18:00)

Chairpersons:

Ahmed Osman

Mohamed Hosny

Ahmed Sedky

Mohamed El-Sebaai

1. Keynote lecture

John Marshall (17:00 – 17:12): Cross-linking the Science and the Future.

- 2. Waleed Al-Tuwairqi (17:12 17:20) : Post Operative Evaluation of Myoring Implantation in Cases of Moderate to Severe Keratoconus.
- 3. Khaled Nagy (17:20 17:28): Management of KC by Special Types of CL.
- 4. Hesham Abu-Hussain (17:28 17:36): Intacs in Corneal PMD.
- 5. Tarek Abdelsamea (17:36 17:44): One Year Results of ICL and T.ICL for Management of Stable Keratoconus.
- 6. Ahmed EL-Moatassem Kotb (17:44 17:52): Intacs SK Visual Outcome in KC Cases Using Femtosecond Implantation Technology.
- 7. Mohamed Abdulrahman (17:52 18:00): Intracorneal ring segment (ICRS) Implantation in Keratoconus Patients in Tunnels Made by Femtosecond Laser.

Session number (XI): New Experiences in Glaucoma Management

(18:00-19:00)

Chairpersons:

Tarek Abo Elnasr Ahmed Aboeleneen Moustafa Nassar Mahmoud Kamal

1. Keynote lecture

Tobias Neuhann (18:00-18:12): Twelve Months Results of Intraocular Pressure Reduction in Eyes with Cataract Surgery Combined with iStent Implantation

- 2. Tarek Aboulnasr (18:12 18:20): The Art of Accepting the Need for Second Surgical Intervention in Glaucoma Surgery.
- 3. Mohamed Sedky (18:20 18:28): Ex-PRESS Shunt: One Year Follow Up.
- 4. Ahmed Aboeleneen (18:28 18:36): Role of Biomechanics in Glaucoma Management.
- 5. Mostafa Nassar (18:36 18:44): Visual Field Improvement in Glaucoma: Is It Possible?
- 6. Matteo Piovella (18:44 18:52): Trabecular Micro-bypass Stent with Phacoemulsification in Patients with Glaucoma and Cataract: Surgical Technique Update and 1 Year Results.

Discussion (18:52 - 19:00)

Session number (XII): Unedited Video Session (19:00-20:00)

Chairpersons:

Adel Alei ElDin Mohamed Saad Tarek Elbeltagi Tarek El-Naggar

- 1. Jorge Alio (19:00 19:08) : Cataract Surgery in Difficult Cases of Hard Cataract in Severe Uveitis.
- 2. Amr Azab (19:08 19:16): Sutureless Scleral Fixation Lens: Novel Technique.
- 3. Amr Al-Aswad (19:16 19:24): Lensx Femtosecond Cataract Unedited Surgery.
- 4. Ahmed Elsawy (19:24 19:32): Anterior Segment Reconstruction After Previous Complicated Cataract Surgery.
- Matteo Piovella (19:32 19:40): Personalized IOLs Implantation: Surgical Complications.
- 6. Omar Barrada (19:40 19:48) : Maximum Benefit; 3 Piece Acrylic IOL Implantation Through an Astigmatically Neutral Incision!

Discussion (19:48 - 20:00)





















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