

Friday, 27th August 2021	
8.15-9.00	Registration
Session I: Refractive Surgery	
Moderators: Osama Ibrahim, Vardhaman Kankariya	
9.00-9.10	Welcoming by Prof. I. Pallikaris and Prof. M. McDonald
9.10-10.30	<i>Lectures, Discussion</i>
9.10-9.18	Mystery Of Uneventful 5 days Post Operative Femtolasik <i>Ashraf Armia</i>
9.18-9.26	SMILE: long term results more than 10 years <i>Osama Ibrahim</i>
9.26-9.34	Five years Results of Small Incision Lenticule Extraction (SMILE) for Myopic Anisometropia in Children. <i>Moataz Sabry</i>
9.34-9.42	CIRCLE software (Carl Zeiss Meditec, Jena, Germany) for management of visually significant epithelial ingrowth after small incision lenticule extraction (SMILE). <i>Vardhaman Kankariya</i>
9.42-9.50	Discussion
9.50-9.58	Comparison of Birefringence Properties and collagen structure in LASIK, SMILE and PRK procedures <i>Priyanka Sathe</i>
9.58-10.06	AcuSimX - A virtual artificial intelligence platform to predict post refractive surgery corneal stiffness <i>Saili Garge Gulavani</i>
10.06-10.14	New Posterior Phakic IOL for the Treatment of High Myopia <i>Vladimir Feingold</i>
10.14-10.22	Femtosecond laser ATOS <i>Victor Derhartunian</i>
10.22-10.30	Discussion
10.30-10.50	Coffee Break

Session II: Cataract Surgery and IOLs	
Moderators: Elmassry Ahmend, Roberto Bellucci	
10.50-11.50	Lectures- Discussion
10.50-10.58	"FixOflex" a novel intracapsular ring, the first clinical results . <i>Elmassry Ahmed, Charilaos Ginis</i>
10.58-11.06	The Dysfunctional Lens Index, a new Quality of Vision Standard in understanding and treating the aging lens. <i>George Kontadakis</i>
11.06-11.14	Improved outcomes, efficiency and accuracy in Toric lens surgery <i>Joe Wakil</i>
11.14-11.20	Discussion
11.20-11.28	Visual rehabilitation for stabilized keratoconus as part of refractive vision correction using Toric ICL or Toric IOL. <i>Ashraf Armia</i>
11.28-11.36	Epithelial basement membrane dystrophy and refractive cataract surgery <i>Roberto Bellucci</i>
11.36-11.44	Novel Adaptive Cataract Treatment System Integrating Femto and Phaco Nick Curtis
11.44-11.50	Discussion
11.50-12.10	Coffee Break

Session III: <i>HSIOIRS Symposium</i>	
Refractive Surgery: Friend or foe. How to deal with complications	
Moderators: Miltos Balidis, Konstantina Koufala.	
12.10-13.20	Lectures, Discussion
12.10-12.20	Difficult to handle <i>Miltos Balidis</i>
12.20-12.30	Femto disaster SMILE and Lasik <i>Kostantinos Moschou</i>
12.30-12.40	PRK nightmares <i>Petros Smachliou</i>
12.40-12.50	IOL misfortune <i>Georgios Roussopoulos</i>
12.50-13.00	Phacic IOLs Disasters <i>Konstantina Koufala</i>
13.00-13.20	Discussion

## Saturday, 28th August 2021

### Session IV: Keratoconus, Crosslinking and intracorneal rings

Moderators: Jorge Alio, Mohamed Shafik

9.00-10.20	Lectures, Discussion
9.00-9.08	Sequential Wavefront-guided PRK after CXL: The recipe to visual rehabilitation for keratoconic eyes. <i>Mohamed Shafik</i>
9.08-9.16	Visual Rehabilitation after corneal stabilization by cross linking. <i>Osama Ibrahim</i>
9.16-9.24	Comparison outcomes of Topo-guided Removal of corneal Epithelium for Keratoconus (TREK) with other conventional laser-based procedures <i>Divya Trivedi</i>
9.24-9.32	Novel Collagen Imaging using ultra-high resolution Polarisation Sensitive Optical Coherence Tomography (PSOCT) in healthy, suspect and keratoconus (KC) corneas <i>Sailie Shirodkar</i>
9.32-9.40	Discussion
9.40-9.48	Intracorneal rings: heavyweight lifters for deformed corneas <i>Prateek Agarwal</i>
9.48-9.56	Variable thickness intrastromal corneal ring for keratoconus <i>Adel Barbara</i>
9.56-10.04	Accurate prediction of keratoconus using artificial intelligence based on a multi-armed bandit problem <i>Soheil Adib Moghaddam</i>
10.04-10.12	Correlations between morphology and function in keratoconus: the RETICS 2021 classification. <i>Jorge Alio</i>
10.12-10.20	Discussion
10.20-10.40	Coffee Break

Session V: <i>ESCRS symposium</i>	
Refractive surgery: The worst and the best development in the last 30 years	
Moderators: Oliver Findl, Vikentia Katsanevaki	
10.40-11.50	Lectures, Discussion
10.40-10.50	LASIK: The undisputable king of refractive Surgery <i>Vikentia Katsanevaki</i>
10.50-11.00	Corneal remodeling: Radial Keratotomy and Smile <i>Simoneta Morselli</i>
11.00-11.10	A novel intracapsular ring for improving stability and positioning of IOLs <i>Ioannis Pallikaris</i>
11.10-11.20	Discussion
11.20-11.30	The good, the bad, and the ugly of phakic IOLs <i>Roberto Bellucci</i>
11.30-11.40	Accommodating IOL - long trip to failure <i>Oliver Findl</i>
11.40-11.50	Discussion
11.50-12.10	Coffee Break

Session VI: Cornea and novel surgical techniques	
Moderators: George Kymionis, Adel Barbara	
12.10-13.30	Lectures, Discussion
12.10-12.18	Chemical Injury of the Conjunctiva/Cornea <i>Kusai Almozawak</i>
12.18-12.26	Artificial Lenticular Implants (XENIA Implants) for management of advanced Keratoconus with relatively clear cornea <i>Marwan Ghabra</i>
12.42-12.34	Corneal surface remodelling using UV treated polymer for custom SMILE surgery <i>Modatsos Emmanouil</i>
12.34-12.42	3-Years Clinical Outcomes and Confocal Microscopy Correlation in a Pioneer study of Advanced Cell Therapy in Keratoconus <i>Mona El Zarif</i>
12.42-12.50	Discussion
12.50-12.58	Why does corneal graft fail? <i>Jorge Alio</i>
12.58-13.06	Management of combined corneal edema and aphakia/IOL exchange: combined techniques with DSEK. <i>George Kymionis</i>
13.06-13.14	Intraocular trimming of a Baerveldt implant in contact with the cornea causing localized corneal oedema <i>Evangelia Gkaragkani</i>
13.14-13.22	Optimization of lamellar keratoplasty techniques using femtosecond laser and intraoperative optical coherence tomography <i>Valerii Serdiuk</i>
13.22-13.30	Discussion

## Sunday, 29th August 2021

### Session VII: Presbyopia and biomechanics

Moderators: Marguerite McDonald, AnnMarie Hipsley

9.00-10.30	Lectures, Discussion
9.00-9.08	Presbyopia: the Next Horizon <i>Marguerite McDonald</i>
9.08-9.16	Measuring and Treating the Evolving Continuum of Presbyopia. <i>Stephen Klyce</i>
9.16-9.24	Development of a Presbyopia Progression Classification System Based on Accommodation Dysfunction <i>AnnMarie Hipsley</i>
9.24-9.32	Illuminating Anatomy of Accommodation Structure & Function Using 3D Microscopy & 3D Finite Element Model <i>AnnMarie Hipsley</i>
9.32-9.40	Discussion
9.40-9.48	Binocularity & neuroplasticity in multifocal intraocular presbyopia correction <i>Olga Rozanova</i>
9.48-9.56	Comparison of Laser Scleral Microporation to current therapeutics in Presbyopia <i>Magda Rau</i>
9.56-10.04	Preliminary Results of Laser Scleral Microporation (LSM): IRB Registered Pilot Study <i>Sheri Rowen</i>
10.04-10.12	Early Pilot Study Results of Laser Scleral Microporation in Presbyopic Eyes <i>Mariana Collazos</i>
10.12-10.20	Intraocular Lens Refractive Index and Its Impact on External Surface Reflections <i>Emmanouil Blavakis</i>
10.20-10.30	Discussion
10.30-10.50	Coffee Break

Session VIII: Ocular surface disease: current approaches for diagnosis and management	
Moderators: George Kontadakis, Kate Hashemi	
10.50-11.52	Lectures, Discussion
10.50-10.58	The therapeutic use of bandage contact lenses <i>Sotirios Plainis</i>
10.58-11.06	Surgical management of an atypical recurrent pterygium <i>Kate Hashemi</i>
11.06-11.14	Discovering Aqueous hydrodynamics in 3D Digital Reality <i>Laurent Sabatier</i>
11.14-11.22	Discussion
11.22-11.30	Enhancing innate immunity in ocular surface possibly halts SARS-CoV-2 entry & transmission through ocular portals: A human globe study. <i>Anuj Satija</i>
11.30-11.38	The Future of AI integrated Medical Agents in Ophthalmic Surgery <i>Griffin Thomas</i>
11.38-11.46	Next Generation rapid tear diagnostic kit for refractive surgery, keratoconus and dry eye disease <i>Ritika Mullick</i>
11.46-11.52	Discussion
11.52-12.20	End of Meeting-Conclusions Ioannis Pallikaris, Marguerite McDonald