

Preliminary programme

**Refractive Surgery**  
**26-28 June 2023, Lugano, Switzerland**



Scientific coordinators: Prof. José L. Güell, Prof. Mario Nubile

**SCIENTIFIC RATIONALE**

Refractive surgery is a consolidated field belonging to the wide area of the anterior segment eye surgery and has specific and peculiar skills and knowledge to be acquired by the ophthalmologists who wish to effectively practice in this type of clinical area. Refractive surgical techniques evolve continuously in dependence on the technological advancement and instrumentation improvement which is strongly linked to the possibility of correcting refractive errors in a modern and efficient approach. The basic idea of this course dedicated entirely to modern refractive surgery is to explain the basis and the theory as well as practical teaching in the various possibility that this type of surgery is now offering to patients demanding for refractive corrections. The techniques available for the correction of myopia, astigmatism and hyperopia as well as presbyopia, will be presented along with the necessary complementary diagnostic procedures to be performed before and after surgery, with a comprehensive overview and updated results.

<b>DAY 1: 26 JUNE 2023</b>			
<b>Introduction to corneal refractive surgery and surface ablations</b>			
<b>Topic</b>	<b>Trainers</b>	<b>Time</b>	<b>Format</b>
<i>09:00 - 09:15 Registration and welcoming</i>			
<b>09:15 -10:45</b>			
Indications and basic preoperative examinations refractive surgery	Pablo Infiesta-Madurga (ES)	45''	<i>Live session</i>
Advanced diagnostics in refractive surgery I: Tomography, wavefront analysis and anterior segment OCT	Pablo Infiesta-Madurga (ES)	45''	<i>Live session</i>
<b>10:45-11:00 Coffee Break</b>			
<b>11:00 – 13:15</b>			
Advanced diagnostics in refractive surgery II: Ocular surface and tear film, pupillometry and corneal thickness	Nuno Moura Coelho (Portugal)	30''	<i>Live session</i>
Basic Principles of laser refractive surgery: lasers, photoablation techniques, optical and transition zones, and smart ablations	Nuno Moura Coelho (Portugal)	30''	<i>Live session</i>

Postoperative management in refractive surgery: follow-up and therapy	Nuno Moura Coelho (Portugal)	30''	<i>Live session</i>
Discussion	All faculty	30''	<i>Live session</i>

### 13:00-14:00 LUNCH

### 14:00-17:15 Afternoon Session: Surface Ablations

Topic	Trainers	Time	Format
Corneal Laser Refractive Surgery: Excimer Laser Surface Ablations	Paolo Vinciguerra (Italy)	45''	<i>Virtual session</i>
Phototherapeutic Keratectomy: Indications and techniques	Paolo Vinciguerra (Italy)	45''	<i>Virtual session</i>

### 15:30-16:00 Coffee Break

Surface ablation, ICR ring segments and keratoconus: indication and limits?	Javier A.Gaytán (Mexico)	45''	<i>Virtual Session</i>
Interactive Session: Clinical cases, tips and tricks, and critical decisions in special cases	Paolo Vinciguerra (Italy) Javier A.Gaytán (Mexico)	30''	<i>Virtual session</i>

### DAY 2: 27 JUNE 2023

### Femtosecond Laser Corneal refractive surgery and phakic IOLS

09:00 – 10:30

Topic	Trainers	Time	Format
Femtosecond Laser corneal surgery: principles and technologies	Jesper Hjortdal (DNK)	45''	<i>Virtual session</i>
Femtosecond laser and LASIK	Ramón Ruiz Mesa (ES)	45''	<i>Live session</i>

### 10:30-11:00 Coffee Break

11:00 – 13:00

Laser corneal techniques for presbyopia correction	Ramón Ruiz Mesa (ES)	30''	<i>Live session</i>
SMILE (Small Incision Lenticule Extraction) and FSL stromal surgery	Leonardo Mastropasqua/Mario Nubile (Italy)	30''	<i>Virtual session</i>
SMILE tips and tricks and future applications	Ramón Ruiz Mesa (ES)	30''	<i>Live session</i>
Discussion	All faculty	30''	<i>Live/virtual session</i>

### 13:00-14:00 LUNCH

<b>14:00-17:00 Afternoon Session: Phakic IOLs</b>			
<b>Topic</b>	<b>Trainers</b>	<b>Time</b>	<b>Format</b>
Intraocular Refractive Surgery: basic principles of phakic IOLs (indications, range of corrections, types of lenses). Posterior chamber pIOLs	Daniel Elies (Spain)	45''	<i>Virtual session</i>
Preoperative Examinations for phakic IOLs implantation	Daniel Elies (Spain)	45''	<i>Virtual session</i>
<b>15:30-16:00 Coffee Break</b>			
<i>Anterior Chamber pIOLs. The "iris-claw"</i>	Josè Guell (Spain)	30''	<i>Virtual session</i>
Interactive discussion, follow up, complications and critical decisions in special cases	Daniel Elies (Spain), Josè Guell (Spain)	30''	<i>virtual session</i>
<b>DAY 3: 28 JUNE 2023 Advanced topics in RS</b>			
<b>09:00 -10:30</b>			
Astigmatic correction in intraocular refractive and lens surgery	Roberto Bellucci (IT)	30''	<i>Live session</i>
Refractive surgery with lens extraction: from clear lens extraction to fine tuning refraction in cataract	Roberto Bellucci (IT)	30''	<i>Live session</i>
Presbyopic corrections with intraocular lenses	Roberto Bellucci (IT)	30''	<i>Live session</i>
<b>10:30-11:00 Coffee Break</b>			
<b>11:00 – 13:00</b>			
Complications management in Corneal refractive surgery	Juan Álvarez de Toledo (ES)	45''	<i>Virtual session</i>
Complications management in intraocular refractive surgery	Juan Álvarez de Toledo (ES)	30''	<i>Virtual session</i>
Re-treatment and enhancements in laser corneal surgery	Josè Guell (Spain)	30''	<i>Virtual session</i>
Closing remarks	All faculty	15''	
<b>13:00-14:00 LUNCH</b>			

An application has been made to EACCME® for CME accreditation of this event.