

Cornea, Ocular Surface Diseases and Refractive Surgery

15-18 October 2025

Lugano (Switzerland)

Scientific coordinators: Mario Nubile, José Guell

Scientific director: Mario Romano

15 OCTOBER 2025

Responsible: Nuno Moura

13:45 – 14:00	Registration and welcoming	
14:00 – 14:30	Indications and basic preoperative examinations in refractive surgery (<i>Criteria for indications and contraindications for corneal and intraocular refractive surgery and mandatory preoperative assessment</i>)	Nuno Moura-Coelho (PT)
14:30 – 15:00	Advanced diagnostics in refractive surgery: (<i>Wavefront and Tomography, anterior segment OCT, pupil and tear film analysis</i>)	Pablo Infiesta-Madurga (ES)
15:00 – 15:30	Excimer laser based corneal refractive surgery (<i>Overview of the evolution and current technologies for Excimer laser corrections: lasers, photoablation techniques, optical and transition zones, ablations profiles and thicknesses</i>)	Nuno Moura-Coelho (PT)
15:30 – 16:00	The importance of postoperative management. (<i>What to consider in refractive surgery postoperative care, therapy, and follow-up</i>)	Pablo Infiesta-Madurga (ES)
16:00 – 16:30	Coffee break	
16:30 – 17:00	Excimer Laser Corneal Surface Ablations. (<i>PRK, Trans-PRK with explanation of standard techniques, wavefront optimised and custom ablations</i>) and treating irregular corneas	Alessandro Mularoni VIRTUAL

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17:00 – 17:30	LASIK in the current practice. <i>(Evolution from Microkeratome to FSL flaps, current technologies for flap creation, advantages, and best indications)</i>	Nuno Moura-Coelho (PT)
17:30 – 18:00	Q&A and clinical cases	Nuno Moura-Coelho (PT) Pablo Infiesta-Madurga (ES)

16 OCTOBER 2025

Responsible: Roberto Bellucci

09:00 – 09:30	Complications of Excimer laser refractive surgery and their management <i>(Illustrate and discuss the main intraoperative and postoperative complications of PRK and LASIK, with emphasis on what to do to avoid such complications)</i>	Roberto Bellucci (IT)
09:30 – 10:00	Retreatments and enhancement in corneal refractive surgery <i>(Illustrate the main concepts of indications for retreatment in residual refractive errors, regression, decentered or small optical zones. PRK or LASIK with flap re-lift or re-cut)</i>	Emilio Pedrotti (IT)
10:00 – 10:30	Corneal laser based presbyopic corrections <i>(Illustrate the main options for correction of presbyopia by Presbi-LASIK and other corneal techniques)</i>	Carlos Rocha De Lossada (ES)
10:30 – 11:00	Coffee break	
11:00 – 11:30	KLEx (Keratorefractive lenticule extraction), <i>(Illustrate the main principles of FSL flapless lenticule dissection, history, evolution and current technologies)including surgical technique and complications</i>	Jesper Hjortdal (DK)
11:30 – 12:00	Refractive Lens Exchange <i>(Describe the indications, contraindications, pros and cons of RLE)</i>	Roberto Bellucci (IT)
12:00 – 12:30	Basic principles and surgical techniques of phakic IOLs <i>(Describe the indications, range of corrections, types of lenses, preoperative</i>	Víctor Lázaro (ES) VIRTUAL

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assessment) Present surgical tips and videos for anterior and posterior chamber PIOLs

12.30 – 13.00	CLINICAL CASES and Q & A	ALL
13:00 – 14:00	Lunch Break	
14:00 – 17:30	WETLAB focused on: Creating flaps and K.LEX with the Swiss laser company Implanting ICLs and Artiflex	Roberto Bellucci (IT) Emilio Pedrotti (IT) Jesper Hjortdal (DK)

17 OCTOBER 2025

Responsible: Harminder Dua

09:00 – 09:30	Functional anatomy and physiology of the ocular surface (<i>detailed description of the mechanism of homeostasis and disease of the ocular surface</i>)	Edoardo Villani (IT)
09:30 – 10:00	Dry Eye: a multi factorial disease. Allergic Conjunctivitis: (<i>main tips focusing on the main aspects of the pathophysiology of dry eye and allergic OS disease as well as its management</i>)	Edoardo Villani (IT)
10:00 – 10:30	Diagnosis and management of corneal and ocular surface tumours.	Bertil Damato (UK) VIRTUAL
10:30 – 11:00	Coffee break	
11:00 – 11:30	Infectious Keratitis (<i>an approach to management clues for the diagnosis and management of bacterial, viral, acanthamoeba and fungal corneal infections</i>)	Dalia G. Said (UK)
11:30 – 12:00	Corneal Nerves and Neurotrophic Keratopathy (<i>ocular surface sensory physiological and pathological pathways and their management</i>)	Harminder S. Dua (UK)
12:00 – 12:30	Managing corneal blood vessels (<i>the relevance of neovascularization and the different strategies for management</i>)	Harminder S. Dua (UK)
12.30 – 13.00	Q&A	ALL
13:00 – 14:00	Lunch Break	
14:00 – 17:30	WETLAB - Simulation of pterygium, surgery with pig eyes - Corneal suturing (<i>with special focus on penetrating and</i>	Edoardo Villani (IT) Dalia G. Said (UK) Harminder S. Dua (UK)

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anterior lamellar keratoplasty)

18 OCTOBER 2025

Responsible: Mario Nubile

09:00 - 09:30	Keratoconus and Ectatic Disorders (<i>description, evaluation and general management of this group of disorders</i>)	Nicolas Alejandre (ES)
09:30 - 10:00	Corneal dystrophies and degenerations (<i>classification, description and management of corneal dystrophies and degenerations</i>)	Nicolas Alejandre (ES)
10:00 - 10:30	New lamellar intrastromal techniques :CAIRS, SLAK (<i>description and surgical strategies of the new additive stromal techniques</i>)	Mario Nubile (IT)
10:30 - 11:00	Coffee break	
11:00 - 11:30	Penetrating keratoplasty: from "a chaud" to elective indications, (<i>different indications and surgical technique for full thickness keratoplasty</i>)	Vito Romano (IT)
11:30 - 12:00	Deep Anterior Lamellar keratoplasty Techniques (<i>different strategies and surgical principles for DALK</i>)	José L. Güell (ES)
12:00 - 12:30	Amniotic Membrane Transplantation: how and when to use it. (<i>Description of amnion, indications for its use and clinical examples</i>)	José L. Güell (ES)
12:30 - 13:00	Q&A	ALL
13:00 - 14:00	Lunch Break	
14:00 - 14:30	Descemet Stripping Endothelial Keratoplasty (DSAEK) (<i>description of the surgical technique and actual indications and clinical results</i>)	Vito Romano (IT)
14:30 - 15:00	DMEK: tips for a challenging Technique (<i>description and evolution of the technique as well as presentation of important tips for its practice</i>)	Claus Cursiefen (DE)
15:00 - 15:30	Fuchs Endothelial dystrophy: DSO and alternative techniques to keratoplasty (<i>indications and actual results with DSO and other alternative techniques</i>)	Claus Cursiefen (DE)
15:30 - 16:00	Fuchs dystrophy and cataract: what to do	Vito Romano
16:00 - 16:30	Q&A	ALL



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16:30-16:35	Closing remarks
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ALL

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