

CATARACT SURGERY

24 – 26 February 2025

Lugano (Switzerland)

Course Scientific coordinators: Mario Nubile, José Guell


ESASO Scientific director: Mario Romano

Level of the course: intermediate

24 February 2025

Phacoemulsification step by step and strategies for cataract surgery

8:45 – 9:00	Registration and welcoming	
09:00 - 09:30	Technology and systems for current phacoemulsification techniques (<i>Explanation of updated technology of phacoemulsification systems</i>)	Pablo Infiesta (ES)
09:30 - 10:00	Basic cataract - Phacoemulsification step by step: Incision, Raxis, Lens fragmentation (<i>Description with slides and videos of the tips and tricks to perform surgical steps and avoid complication</i>)	Vito Romano (IT)
10:00 - 10:30	Different techniques for lens extraction (<i>Description with slides and videos of the most exploited techniques for lens fragmentation with ultrasound and chop</i>)	Pablo Infiesta (ES)
10:30 - 11:00		
11:00 - 11:30	Viscoelastic in cataract surgery: when and how to use them. (<i>Description of the main utilities of using viscoelastic in the different phases of phaco surgery</i>)	Vito Romano (IT)

11:30 - 12:00	Intraocular Lens Calculation methods	Virtual  Giacomo Savini (IT)
	Cataract surgery and pupil:	
12:00 - 12:30	<i>(Description of Intraoperative mydriatic strategies, how to obtain a stable mydriasis and how to deal with small pupils)</i>	Vittorio Picardo (IT)
12.30 – 13.00	Q&A	ALL
13:00 - 14:00	Lunch Break	
14:00 – 17:30	WETLAB + NGENUITY SESSION	
	Vito Romano, Vittorio Picardo, Pablo Infiesta, Andrea Galli	


25 February 2025
Intraocular Lenses and advanced technologies

09:00 - 09:30	Monofocal IOLs types: advantages and differences. <i>(Description of the main technologies and implantation techniques)</i>	Jorge Alió Del Barrio (ES)
09:30 - 10:00	Toric IOLS: indications and implantation techniques <i>(Description of Toric IOLs types, correct indications and intraoperative strategies and aid for correct alignment and centration)</i>	Roberto Bellucci (IT)
10:00 - 10:30	Presbyopia correction in cataract surgery <i>(Description of EDOF and MF IOLS: indications and techniques)</i>	Jorge Alió Del Barrio (ES)
10:30 - 11:00	Coffee break	
11:00 - 11:30	Femtosecond laser assisted cataract surgery <i>(Description of the principles, technologies, utility and cost/benefits of FLACS today)</i>	Roberto Bellucci (IT)
11:30 - 12:00	Phakic Intraocular Lenses (pIOLs) <i>(Description of Indications, types, range of correction and surgical tips for PIOLs implantation)</i>	José L. Guell (ES)

12:00 - 12.30	Refractive Lens Exchange <i>(Description of lens removal for refractive purposes; When to consider according to age, refraction, and eye RLE; IOLs selection)</i>	José L. Guell (ES)
12.30 - 13.00	Q&A	ALL
13:00 - 14:00	Lunch Break	
14:00 - 17:30	WETLAB + NGENUITY SESSION Jorge Alió Del Barrio (ES) Roberto Bellucci (IT) José L. Guell (ES)	

26 February 2025

Complex cases and complications management

09:00 - 09:30	Cataract in complex cases <i>(low endothelial cell count, hard cataract, shallow anterior chamber)</i>	Sidath Lyanage (UK)
09:30 - 10:00	Management of Dropped Nucleus <i>(Description of the surgical)</i>	Sidath Lyanage (UK)
10:00 - 10:30	Management intraoperative complications: capsular rupture, vitreous prolapse and others <i>(Description of how to avoid and how to manage intraoperatively)</i>	Rodolfo Mastropasqua (IT)
10:30 - 11:00	Coffee break	
11:00 - 11:30	After cataract surgery: Preventing and Managing postoperative complications <i>(Description of what to do to prevent and treat the main postoperative complications, from endophthalmitis to CME)</i>	Virtual  Mor Dickman (NL)
11:30 - 12:00	Cataract and Vitreoretinal surgery <i>(Description of how to approach combined surgery)</i>	Rodolfo Mastropasqua (IT)
12:00 - 12.30	Clinical Cases <i>(special cases, complication management and surprises)</i>	ALL
12.30 - 13.00	Q&A	ALL
13:00 - 14:00	Lunch Break	

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