

Cataract Surgery

11 – 13 March 2024 _ Lugano, Switzerland

Scientific coordinators: Prof José Guell, Prof. Mario Nubile
Scientific director: Prof Mario Romano

SCIENTIFIC RATIONALE: A selection of some of the most useful and attractive “hot” topics in the modern techniques for phacoemulsification, not forgetting the classical ones such as extracapsular surgery and intraocular refractive surgical procedures, are presented to respond to all educational needs within this field. Besides the theoretical updated exposition, a number of practical clinical cases are shared with the participants along with a focused “hands-on” experience in the dry and wetlabs. Due to its dynamic structure, some of the topics change from one course edition to another with special attention to future clinical and surgical research areas which are implemented in the newer ones

11 March 2024

Phaco-techniques and surgical strategies

09:00 – 09:15	Registration and welcoming	
09:15 – 09:45	Technology and systems for current phacoemulsification techniques	Pablo Infiesta (ES)
09:45 - 10:30	Basic cataract - Phacoemulsification step by step: Incision, Raxis, Lens fragmentation	Vittorio Picardo (IT)
10:30 -11:00	Coffee break	
11:00 – 11:30	Different techniques for lens extraction	Pablo Infiesta (ES)
11:30 - 12:00	Viscoelastic in cataract surgery: a guide for correct use	Vittorio Picardo (IT)
12:00 - 12:30	Intraocular Lens Calculation methods	Giacomo Savini (IT) <i>Virtual lesson</i>
12:30 - 13:00	Discussion	All
13:00 – 14:00	Lunch break	

14:00 – 14:45	Approaching complex cases 1: Hard cataracts, shallow AC, low endothelial cell count	Brendan Cummings (UK)
14:45 - 15:30	Approaching complex cases 2: Pseudoexfoliation, traumatic cataract, lens subluxation	Brendan Cummings (UK)
15:30 – 16:00	Discussion	All
16:00 – 16:30	Coffee break	
16:30 – 17:00	Cataract surgery and pupil: Intraoperative mydriatic strategies	Vittorio Picardo (IT)
17:00 - 17:30	Cataract and small pupil: how to manage	Brendan Cummings (UK)

12 March 2024 IOLs and advanced cataract technology

09:00 – 09:30	Overview on intraocular refractive surgery – vs Laser corneal surgery	Jorge Alió Del Barrio (ES)
09:30 – 10:00	Monofocal IOLs types, technology and technique of implantation	Jorge Alió Del Barrio (ES)
10:00 – 10:30	Toric IOLS: when and how	Roberto Bellucci (IT)
10:30 – 11:00	Coffee break	
11:00 – 11:30	EDOF and MF IOLS: indications and surgery	Jorge Alió Del Barrio (ES)
11:30 - 12:00	Femtosecond laser assisted cataract surgery	Roberto Bellucci (IT)
12:00 – 12:30	Phakic Intraocular Lenses (pIOLs)	Nuno Moura-Coelho (PT) <i>Virtual lesson</i>
12:30 – 13:00	Discussion	All
13:00-14:00	Lunch break	
14:00 – 17:30	Phacoemulsification wet lab	Roberto Bellucci - (IT) Mihnea Munteanu - (RO)

13 March 2024

Cataract Surgery in complex cases and complications

09:00–09:30	Management intraoperative complications: capsular rupture and others	Rodolfo Mastropasqua (IT)
09:30 – 10:00	Cataract postoperative complications: diagnosis and management	Rodolfo Mastropasqua (IT)
10:00 – 10:30	Cataract in corneal diseases and keratoplasty	José L. Guell (ES) <i>Virtual lesson</i>
10:30 – 11:00	Coffee break	
11:00 – 11:30	ECCE technique and phakic and pseudophakic explantation techniques	José L. Guell (ES) <i>Virtual lesson</i>
11:30 - 12:00	Cataract and Vitreoretinal surgery	Rodolfo Mastropasqua (IT)
12:00 – 12:30	pIOLs: Clinical cases, complications, and lens removal	Vincenzo Maurino (UK) <i>Virtual lesson</i>
12:30 - 13:00	Discussion	All
13:00–14:00	Lunch break & greetings	