

Cornea and Corneal Refractive Surgery

29 August – 2 September 2016, Lugano/Switzerland

Scientific coordinator & Chair: José L. Güell, Spain; Co-Chair: Paolo Vinciguerra, Italy

MONDAY, 29 AUGUST 2016		
09:00	- Ocular surface disease and management. Limbal and conjunctival surgery - Dry eye - Case presentation	Harminder Dua, UK
12:30	LUNCH	
13:30 – 17:00	- Anatomy of the cornea and the trabecular meshwork - High risk keratoplasty - Case presentation	Harminder Dua, UK
TUESDAY, 30 AUGUST 2016		
09:00	- Introduction for intrastromal femtosecond refractive surgery, which differences between surface excimer ablation, LASIK and ReLEX, surgical anatomy and site of ablation, basic sciences study in "all femto" surgery	Leonardo Mastropasqua, Italy
11:00	- Anterior lamellar surgery: basics and surgical technique	Antoni Sabala, Spain
12:30	LUNCH	
13:30 – 16:30	- Anterior lamellar keratoplasty (ALK, DALK) - Posterior lamellar keratoplasty (DSAEK) - Surgical and clinical cases - Sterile corneal ulcers	Antoni Sabala, Spain
WEDNESDAY, 31 AUGUST 2016		
09:00	- Cornea laser surgery fundamentals - 5 cases for pts selection. Which is the right one? - 5 cases howto prepare a custom ablation - 6 cases regression which will regress? Why? - 4 findings after excimer ablation which therapy? - 5 cases that need retreatment how to proceed? - 5 cases to understand the best follow up - Custom ablation simulator: it simulates with pre-op map the post op shape with wavefront map, axial tangential - How to read topography and tomography map from examples - Cornea stiches with intra-operative topographer to learn how to do it - Cornea arcuate and phaco cuts with intra-operative topographer to learn how to do it	Paolo Vinciguerra, Italy
12:30	LUNCH	
13:30 – 16:30	Wet-Lab - Cut and suture with intra-op topographer	Paolo Vinciguerra, Italy

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THURSDAY, 1 SEPTEMBER 2016		
09:00	<ul style="list-style-type: none"> - Basic science: anatomy physiology pathological responses of the cornea. Amniotic membrane. - Posterior lamellar surgery concept and techniques - Case presentation 	José L. Güell, Spain
12:30	LUNCH	
13:30 – 14:30	<ul style="list-style-type: none"> - Penetrating keratoplasty (fundamentals, technique and complications). Management of astigmatism after keratoplasty - Case presentation 	José L. Güell, Spain
15:00 – 18:00	Wet-Lab <ul style="list-style-type: none"> - Big-bubble and deep lamellar dissection - Artiflex phakic and aphakic IOL implantation 	José L. Güell, Spain
FRIDAY, 2 SEPTEMBER 2016		
09:00	Wet-Lab <ul style="list-style-type: none"> - Suturing technique in penetrating and lamellar wounds for cataract surgery and keratoplasty 	Mercè Morral, Spain
12:00	LUNCH	
13:00 – 16:00	<ul style="list-style-type: none"> - Ectatic disorders of the cornea Collagen cross-linking - The correction of astigmatism: corneal vs lenticular options - Case presentation - Research in corneal disease 	Rudy Nuijts, Netherlands
16:00 – 16:30	Certificates and farewell	