



# Wet-Lab

## Anterior Segment Surgery

**28 April 2016, Milano/Italy**

Learn how to adjust basic settings of the phaco machine; train irrigation, aspiration and phacoemulsification and learn to control eye pressure and to reduce tissue stress by configuring the phaco machine.

The theoretical part of the wet-lab will include lectures with video presentations on the principals of the phaco-surgery, special characteristics of the phacoemulsification devices from different manufacturers and an overview of

various types of intraocular lenses and wet-lab exposure will follow.

The wet-lab is intended for ophthalmologists who wish to start with cataract surgery using a phacoemulsification method or strengthen and expand their initial surgical experiences, as well as for ophthalmology residents.

<b>THURSDAY, 28 APRIL 2016</b>	
<b>Group I – Morning Session</b>	
08:30 – 10:30	<b>Basic Phaco Wet-Lab</b> Teacher: Khiun Tjia, Netherlands; Co-Teacher: Mohamed Wassfi, UAE
	<ul style="list-style-type: none"> <li>- Sideport</li> <li>- Step Main Incision</li> <li>- Capsulorhexis with a Cystotome</li> <li>- Capsulorhexis with a Forceps</li> <li>- Basic Phaco Wet-Lab Instructions</li> <li>- Hydrodissection</li> <li>- IOL Implantation – Lens Removal</li> </ul>
10:30 – 12:30	<b>Intermediate Phaco Wet-Lab</b> Teacher: Khiun Tjia, Netherlands; Co-Teacher: Mohamed Wassfi, UAE
	<ul style="list-style-type: none"> <li>- Iris retractors</li> <li>- Malyugin ring</li> <li>- Capsule tension ring</li> <li>- Trypan Blue stain</li> <li>- Anterior Vitrectomy</li> <li>- Capsule Retractors</li> </ul>
<b>Group II – Afternoon Session</b>	
13:30 – 15:30	<b>Teacher: Bekir Aslan, Turkey; Co-Teacher: Roberto Bellucci, Italy</b>
	<ul style="list-style-type: none"> <li>- Incision decision, preparation, wound closure</li> <li>- Hydrodissection and hydrodelineation</li> <li>- Wet-Lab</li> <li>- Tricks for capsulorhexis</li> <li>- Viscoelastics</li> <li>- Wet-Lab</li> </ul>
15:30 – 17:30	<b>Teacher: Roberto Bellucci, Italy; Co-Teacher: Bekir Aslan, Turkey</b>
	<ul style="list-style-type: none"> <li>- Phacoemulsification fluidics</li> <li>- Phacoemulsification strategies</li> <li>- Wet-Lab</li> <li>- Choosing the right IOL</li> <li>- IOL implantation</li> <li>- Wet-Lab</li> </ul>



# Wet-Lab Excimer Laser

**28 April 2016, Milano/Italy**

The excimer wet lab aims will provide a in-detail, planned hand-on experience on all the phases of surface refractive ablation. This wet lab will begin with explanation and practical acquisition of all the diagnostic tests required for the most accurate possible refractive defect definition, as well as for the safety criteria for mandatory to include the patient. After ocular refractive and anatomical features have been established, the wet lab will discuss and present the different, possible treatment approaches (i.e., wavefront-optimized vs. corneal aberrometry-based custom ablation).

Attendants will experience step-by-step planning of refractive treatment, with tips-and-tricks for treating complex defects (i.e. high astigmatism, mixed astigmatism, high myopia in thin corneas, etc.)

Finally, porcine eyes will be available to experiment ablation, smoothing, therapeutic treatments and retreatments. Special attention will be dedicated to the use of intraoperative topography and tomography for Sequential Customized Therapeutic Keratectomy.

THURSDAY, 28 APRIL 2016	
Teachers: Paolo Vinciguerra, Italy; Jerry Tan, Singapore; Samuel Arba Mosquera, Germany; M. Ingrid Torres Munoz, Italy Fabrizio Camesasca, Italy; Riccardo Vinciguerra, Italy	
Group I – Morning Session	
08:30 - 09:30	Theory
09:30 - 10:45	Diagnostics (divided in 5 groups)
10:45 - 12:15	Planning (divided in 5 groups)
12:15 - 13:15	LASER (divided in 5 groups)
	The 5 groups will practice on - Scout - SIRIUS - Workstation CAM 1 - Workstation CAM 2 - AMARIS
Group II – Afternoon Session	
14:00 - 15:00	Theory
15:00 - 16:15	Diagnostics (divided in 5 groups)
16:15 - 17:45	Planning (divided in 5 groups)
17:45 - 18:45	LASER (divided in 5 groups)
	The 5 groups will practice on - Scout - SIRIUS - Workstation CAM 1 - Workstation CAM 2 - AMARIS