

WOC hands-on courses

Saturday through Tuesday, 16–19 June 2018
Fira Gran Via

The 2018 World Ophthalmology Congress (WOC2018) is now offering surgical skills training courses where you can develop your techniques in a wet or dry lab environment as well as gain experience with the latest ophthalmologic technology, including a chance to perform virtual simulated surgery. Each course has a limited number of participants, so please register early.

REGISTRATION INSTRUCTIONS: If you have already registered for the WOC and wish to attend a course(s), please [log back into your account](#) to update your registration. If you have not registered, simply add the course(s) when going through the registration process by [starting here](#).

Please note that you can sign up for only one workshop on the same topic (i.e. you cannot sign up for the Glaucoma course twice but you can sign up for Glaucoma and Vitrectomy).

In the event you need to cancel your ticket, a full refund will be available until 30 days prior to WOC2018.

► Making the Most of MSICS: A Course to Develop your Tunnel Skills

Location: Conference Center 7, Room 7.1C

Lead Organizer: Van Lansingh, MD, PhD (Mexico)

Sponsor: 

Objectives:

Using the HMS MSICS simulator, participants will be able to:

1. evaluate their scleral tunnel dissection skills
2. improve personal precision of specific technical aspects of tunnel dissection
3. evaluate the mechanical advantages of specific techniques to improve personal efficiency

Facilitators:

Glenn Strauss, MD; Ranjit Maniar, MD; Ashish Vijay, MD; Matthew Walden, RN; Van Lansingh, MD, PhD

Course Numbers, Dates and Times:	Fee: €150 per course
#1: Saturday, 16 June: 08:30 – 12:30	Attendance: limited to 16 people each
#2: Saturday, 16 June: 13:30 – 17:30	

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► Keratoplasty (Endothelial)

Location: Hall 6, Course Room 1

Lead Organizer: Vishal Jhanji, MD (USA)

Sponsor:  **Eversight**
making vision a reality

Objectives:

Participants will be able to:

DMEK

1. learn the history and evolution of DMEK surgery
2. perform DMEK insertion techniques
3. engage with expert DMEK surgeons to learn the latest surgical techniques

DSAEK

1. learn the history and evolution of DSAEK surgery
2. perform DSAEK insertion techniques
3. engage with expert DSAEK surgeons to learn the latest surgical techniques

Instructors: To be determined

Course Numbers, Dates and Times: #3: Saturday, 16 June: 08:30 – 12:00 DMEK #4: Saturday, 16 June: 14:00 – 17:30 DMEK - SOLD OUT #5: Monday, 18 June: 08:30 – 12:00 DSAEK	Fee: €150 per course Attendance: limited to 15 people each
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► Glaucoma

Location: Hall 6, Course Room 2

Lead Organizer: Tarek Shaarawy, MD (Switzerland)

Objectives:

Participants will be able to:

1. learn new surgical techniques
2. learn innovations in glaucoma surgery
3. prevent and manage surgical complications

Content:

Trabeculectomy 101, managing complications and non-penetrating glaucoma surgery

Instructors: James Tsai, MD; Ahmed El Karmoty Moorfields, MD; Sidi Mohamed Ellzouhari, MD

Course Number, Date and Time: #7: Saturday, 16 June: 08:30 – 12:00	Fee: €150 per course Attendance: limited to 10 people
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► Keratoplasty (Trephination and Suturing) Wetlab

Location: Hall 6, Course Room 1
Sponsor: Still to be finalized

Lead Organizer: Berthold Seitz, MD (Germany)

Objectives:

Participant will be able to:

1. to understand the indications for special types of corneal transplantation
2. plan adequate graft (over-)size
3. prevent so-called "vitreous pressure"
4. perform proper donor and host trephination (including the advantages and downsides of excimer laser and femtosecond laser application)
5. accomplish adequate double running cross-stitch sutures and – if necessary - interrupted sutures in varying clinical predispositions.

Each participant will complete at least one full corneal transplantation in a pig eye.

Instructors:

Berthold Seitz, MD; Shady Suffo, MD; Loay Daas, MD; Philip Maier, MD, Mario Matthaei, MD

Course Numbers, Dates and Times:	Fee: €150 per course
#15: Sunday, 17 June: 08:30 – 12:00	Attendance: limited to 20 people each
#16: Sunday, 17 June: 14:00 – 17:30	

► Vitrectomy Wetlab Basic Course

Location: Hall 6, Course Room 3
Sponsor: Still to be finalized

Lead Organizer: Peter Gabel, MD, FARVO (Germany)

Objectives:

Participants will be able to:

1. learn the following under realistic wetlab conditions: a) correct preparation of 20 gauge and 23-25 gauge needles, b) removal of vitreous hem, c) optimization of peripheral vitreous shaving, d) removal of FB magnetic and non-magnetic foreign bodies, e) use of ppV in endophthalmitis, f) application of endolaser, g) use different silicone and other i.o. fluids, h) removal of dropped lens particles and i) combine anterior and posterior segment surgery
2. receive intensive discussion related to: a) 20-23-25 gauge instrumentation, b) how to avoid or cope with problems with IVM, and c) learn the use of ppv versus episkleral implants

Instructors:

Helmut Sachs, MD; Ameli Gabel-Pfisterer MD; A. Mueller, MD; V. Peter Gabel, MD

Course Number, Dates and Times:	Fee: €320 per course
#17: Sunday, 17 June: 08:30 – 17:30 and Monday, 18 June: 08:30 – 12:00	Attendance: limited to 20 people each

► Cataract and Vitreoretinal Virtual Simulated Surgery

Location: Conference Center 7, Room 7.4

Lead Organizer: Jesus Barrio Barrio, MD, PhD (Spain)

Sponsor:



Objectives:

Attending this customized one-to-one course on cataract (3 levels: beginner, intermediate, advanced) or retina (3 levels) with the use of the Eyesi Simulator will allow participants to:

1. understand the basic principles of virtual simulated eye surgery
2. practice specific steps of either cataract or vitreoretinal surgery, to improve the surgical skills they want to master:

Cataract Courses: For the Beginner Cataract course several tasks will be available: capsulorhexis, hydrodissection, hydrodelineation, phacofragmentation, phacoemulsification, removing the cortex, inserting the IOL and removing viscoelastic. Participants in the Intermediate and Advanced Cataract courses will be able to train complex cataract surgery cases under demanding conditions, such as increasing capsule tensions, weak zonules, white cataracts, capsular plaques, chop technique, anterior vitrectomy and floppy iris syndrome among others.

Retina Courses: For the Beginner Vitreoretinal course, navigation in the posterior segment, bimanual dexterity, how to use the scissors and the vitrector will be trained. Participants in the Intermediate and Advanced Vitreoretinal courses will be able to train endophotocoagulation, retinal detachments, epiretinal and internal limiting membranes peeling and silicon oil injection among others.

3. objectively evaluate their surgical skills improvement based on the simulator's scoring report

Customized one-to-one courses will be designed in advance for each participant. A registration form indicating the specific surgical steps to be trained, and the selected difficulty level will have to be filled out beforehand. Each participant will be allocated to one of the four Eyesi simulators that will be available during the course. A handout with a summary of the main ideas and pearls of virtual surgical simulation and a detailed training report will be provided to each attendee.

Instructors:

Jesús Barrio-Barrio, MD, PhD; Manuel Saenz de Viteri Vazquez, MD, PhD; Ana Montoliu Antón, MD, FEBOPhth, MD; Maria Concepcion Guirao Navarro, MD; Pavel Stodulka, MD, PhD; James Wawrzynski, MD

Course Numbers, Dates and Times:

#19: Sunday, 17 June: 08:30 – 10:00	Cataract	SOLD OUT
#20: Sunday, 17 June: 10:15 – 11:45	Retina	SOLD OUT
#21: Sunday, 17 June: 12:00 – 13:30	Cataract	SOLD OUT
#22: Sunday, 17 June: 14:15 – 15:45	Retina	SOLD OUT
#23: Sunday, 17 June: 16:00 – 17:30	Cataract	SOLD OUT
#24: Monday, 18 June: 08:30 – 10:00	Retina	
#25: Monday, 18 June: 10:15 – 11:45	Cataract	SOLD OUT
#26: Monday, 18 June: 12:00 – 13:30	Retina	SOLD OUT
#27: Monday, 18 June: 14:15 – 15:45	Cataract	SOLD OUT
#28: Monday, 18 June: 16:00 – 17:30	Retina	

Fee: €100 per course

Attendance: limited to 4 people each (and limited to one Cataract or Retina course)