



ESONT

European Society of Ophthalmic
Nurses & Technicians

ESONT MEETING

SUNDAY 23 SEPTEMBER

10.00 – 11.30

ESONT AUSTRIAN SYMPOSIUM

Best Practice and Patient Satisfaction

Room A5

Chairpersons: **M. Acebal** *SPAIN*
S. Palkovits *AUSTRIA*

Best Practice – Optical Coherence Tomography and Visual Fields

10.00 **G. Seidel** *AUSTRIA*
Optical coherence tomography

10.15 **S. Palkovits** *AUSTRIA*
Visual field testing

Patient Satisfaction

10.30 **B. Van Egeren** *AUSTRIA*
Operation theatre management and timings:
past and present

10.45 **C. Bouza** *SPAIN*
Patient satisfaction after phaco refractive surgery

11.00 **A. De La Llama** *THE NETHERLANDS*
How to validate a patient questionnaire

11.15 Discussion

11.30 End of session

11.45 – 12.45

INTERNATIONAL FORUM

Special Cases with Contact Lenses

Room A5

Chairpersons: **N. Astyrakakis** *GREECE*
M. Cargnoni *ITALY*

11.45 **N. Astyrakakis** *GREECE*
Fitting special lenses

12.00 **L. Karageorgiadis** *GREECE*
Special contact lens cases: from high ametropias
to irregular cornea and prosthetic rehabilitation

12.30 Discussion

12.45 End of session

14.30 – 16.00

FREE PAPER SESSION

Room A5

Chairpersons: **M. Acebal** *SPAIN*
M. Cargnoni *ITALY*

14.30 **S. Tesaro** *ITALY*
The 3D system in cataract surgery

14.40 **M. Amarnis** *NETHERLANDS*
Laser, pupils and haloes: myth or truth?

14.50 **B. Van Egeren** *AUSTRIA*
One case may change everything

15.00 **P. Cañadas** *SPAIN*
Confocal microscopy analysis on corneal sub basal
nerve plexus 10 years after LASIK surgery

15.10 **G. Laucirica** *SPAIN*
Measurement of intraocular pressure during the
creation of a corneal flap with a femtosecond laser

15.20 **M. Spiridigliozzi** *ITALY*
A phaco for Africa: a humanitarian project

15.30 **B. Pereira** *PORTUGAL*
Dynamic vault evaluation of the Visian ICL using
anterior segment optical coherence tomography

15.40 **M. Sheno** *NETHERLANDS*
Intraocular pressure after excimer laser central
corneal tissue ablation

15.50 Discussion

16.00 End of session

SATELLITE MEETING

A satellite meeting for ESONT delegates will take place at
lunchtime on Sunday. See page 165 for details.

MONDAY 24 SEPTEMBER

11.00 – 12.30

ESONT SYMPOSIUM

Toric and Multifocal Intraocular Lenses

Room A4

Chairpersons: **S. Albrecht** *SWEDEN*
L. Tomlin *UK*

- 11.00 **N. Reus** *THE NETHERLANDS*
Astigmatism and formulae
- 11.15 **A. Behndig** *SWEDEN*
Toric intraocular lenses
- 11.45 **A. Panico** *ITALY*
Routine use of low toricity IOLs
- 12.00 **A. Mearza** *UK*
Use of multifocal lenses
- 12.15 Discussion
- 12.30 End of session

ESONT POSTER COMPETITION 2018

eTerminals are located in the Poster Village

The winner of the 2018 Poster Competition will be announced at the beginning of the ESONT Symposium on Monday 24 September at 11.00 in Room A4

C. Bouza *SPAIN*

Keratocyte density analysis after LASIK surgery assisted by femtosecond lasers

S. Heemraz *UK*

To improve operational efficiency and patient satisfaction by strategic workforce planning in a busy London Ophthalmology Centre

G. Laucirica *SPAIN*

The mystery of the cornea

D. Sullivan-Mackenna *UK*

A hub-and-spoke model for delivery of high volume femtosecond laser-assisted cataract surgery

G. Tind *DENMARK*

How to further develop a success? A qualitative study of patients undergoing cataract surgery in a fast-track public out-patient clinic

ESONT ANNUAL GALA DINNER

Sunday 23 September

20.00

Cost per person: €25 (plus VAT)

Sound of Vienna
Johannesgasse 33
1010 Wien
Austria

Meet with your international friends and colleagues at the annual ESONT gala dinner to experience an evening of Austrian music and cuisine. Enjoy a performance of classical masterpieces from Strauss and Mozart in the Lanner Hall of the Kursalon, followed by a delicious 3 course dinner in the beautiful surroundings of the Restaurant Johann.

Ticket includes: welcome drink, ticket to the concert, concert programme and 3 course dinner.

PLEASE NOTE: Tickets must be purchased in advance of the event from the registration desk at the congress centre

Biometry and IOL Power Calculations for Refractive Cataract Surgery

With ever-increasing patient expectations and the advent of advanced technology intraocular lenses, cataract surgery has moved into the realm of refractive surgery, demanding that we continuously evaluate the accuracy of performing preoperative measurements and IOL calculations. With the complexity of some patients such as high myopes and those that have had prior refractive surgery, this topic is more relevant than ever before. This course will review the principles of lens constant personalisation, formula selection, keratometry for both monofocal and toric implants, standardisation of axial length measurements with both optical and ultrasound techniques, and the most current methods for post-refractive surgery calculations. The course will conclude with a hands-on session of both optical and immersion biometry on equipment from the following manufacturers: Haag-Streit, Keeler, Quantel Medical, Sonomed Escalon and Zeiss.

B-scan Ultrasound of the Anterior and Posterior Segments

B-scan ultrasound is an invaluable tool for the differentiation of a wide range of ocular disorders. This course will discuss the diagnostic capabilities of both posterior segment B-scan and UBM of the anterior segment when optimal examination techniques are utilised. The principles involved for thorough B-scan screening of the posterior segment will be reviewed in addition to case presentations illustrating the differentiation of pathology in the vitreous, retina, choroid, sclera and optic nerve, as well as the use of diagnostic A-scan to aid in diagnoses. UBM examination techniques will also be reviewed, followed by case presentations illustrating the differentiation of iris and ciliary body pathology in addition to techniques for sulcus-to-sulcus and angle measurements. The course will conclude with a hands-on session of both posterior segment and UBM techniques on equipment from the following manufacturers: Keeler, Quantel Medical and Sonomed Escalon.

Infection Control

The transition of healthcare delivery from hospitals to ambulatory care settings, along with ongoing outbreaks and patient notification events, have demonstrated the need for greater understanding and implementation of basic infection prevention guidance. Healthcare personnel have the potential for exposure to patients and/or to infectious materials, including body substances, contaminated medical supplies and equipment, contaminated environmental surfaces, or contaminated air.

In this course we will review:

- Basic microbiology
- Concepts of infection control
- Methods used to prevent growth and spread of microorganisms:
 - Antiseptics/cleaning
 - Disinfection
 - Sterilisation
- Guidelines for disinfection and sterilisation

Optical Coherence Tomography for Ophthalmic Personnel

Optical coherence tomography is a technique of imaging the posterior pole using interferometry, a process analogous to ultrasound. OCT allows a tomography of the retina and its different layers with an axial resolution of 10 microns. Its final image is a false colour image representing different layers, from RPE to the RNFL layer. This permits the exact localisation of the pathology and an evaluation of its volume. OCT is an advantageous method because it is not invasive and in many cases pupil dilatation is not necessary. Good results are obtained with only 3mm dilatation. This course shows the basis of the technique, its advantages and applications, and some results in different cases of retina pathologies. Participants will have hands-on practice with the equipment.

Phacoemulsification

This hands-on wetlab course will cover wound construction, capsulorhexis, phacoemulsification, I/A and IOL implantation.

Refractive Surgery

In this course participants will have the opportunity to look at the current techniques used in refractive surgery:

- Topography: the course will contain a theoretical part and hands-on practice where participants will learn to do exams.
- Critical points about patient selection and decision-making concerning a photorefractive candidate, and evaluating quality of vision following refractive surgery.
- An overview of microkeratomes will be given, along with hands-on practice where the participants can look at assembly and tips for a safe procedure.
- Postoperative complications, emergencies and re-operations will also be covered.

Part 1 – Theory:

- Current techniques
- Evaluating visual performance following refractive surgery
- Patient selection/decision-making
- Emergencies/postoperative complications
- Re-operations

Part 2 - Practical:

- Topography
- Overview of microkeratomes

Please note: All those attending Part 2 must also participate in Part 1 of the course. However, it is possible to attend Part 1 without attending Part 2.

Slit Lamps for Ophthalmic Personnel

The slit lamp is essentially a binocular microscope and is a way of combining magnification with illumination. A few basic rules can make the equipment easier to use. This course welcomes both beginners and those who have a greater understanding of the area, and will provide an informative demonstration of the microscopic slit lamp.

Visual Fields for Ophthalmic Personnel

This course provides the opportunity for hands-on learning as an introduction or as an update of your existing skills. Visual fields testing provides extremely important information and is a vital skill to master.

COURSE SCHEDULE

Saturday 22 September

E01	08.30 – 12.30	Biometry & IOL calculations for refractive cataract surgery	Free	Lehar 5
E02	10.00 – 12.00	Refractive surgery for ophthalmic personnel (Part 1 – Theory)	Free	Lehar 2
E06	10.30 – 12.30	Optical coherence tomography for ophthalmic personnel	Free	Stolz 1
E03	14.30 – 18.30	B-Scan ultrasound of the anterior & posterior segments	Free	Lehar 5
E08	14.30 – 16.00	Infection control	Free	Stolz 2

Sunday 23 September

E10	10.30 – 12.30	Visual fields for ophthalmic personnel	Free	Lehar 4
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WETLAB SCHEDULE

Saturday 22 September

E04	11.00 – 13.30	Phaco for ophthalmic personnel	€50	Wetlab room 1
E05	14.00 – 16.30	Phaco for ophthalmic personnel	€50	Wetlab room 1
E07	13.00 – 15.00	Refractive surgery for ophthalmic personnel (Part 2 – Practical)	€50	Wetlab room 3

Sunday 23 September

E09	09.30 – 11.30	Slit lamps for ophthalmic personnel	€50	Wetlab room 4
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Course Faculty

	<i>Course Number</i>		<i>Course Number</i>
M. Acebal <i>SPAIN</i>	E08	S. Panagopoulou <i>GREECE</i>	E07
N. Astyrakakis <i>GREECE</i>	E02, E07	D. Portaliou <i>GREECE</i>	E02
V. Diakonis <i>GREECE</i>	E02	F. Rowe <i>UK</i>	E10
M. Kynigopoulos <i>SWITZERLAND</i>	E04, E05	A. Santos <i>PORTUGAL</i>	E06
A. Lee <i>UK</i>	E09	C. Skatharoudi <i>GREECE</i>	E02
D. Liakopoulos <i>GREECE</i>	E02	I. Vastardis <i>SWITZERLAND</i>	E04, E05
C. Lledo <i>SPAIN</i>	E08	R. Waldron <i>USA</i>	E01, E03
I. Pallikaris <i>GREECE</i>	E02		

VISIT THE EXHIBITION

Don't miss the opportunity to visit over 300 companies in the exhibition. For a list of companies and a map of the exhibition go to page 167