

21ST ESCRS WINTER MEETING Maastricht 2017

The Netherlands

In conjunction with the Netherlands Intra Ocular Implant Club
& the Belgian Society of Cataract & Refractive Surgery

10–12 February



Preliminary Programme



ESCRS

www.escrs.org

General Information

Venue

MECC Maastricht,
The Netherlands

Host

European Society of Cataract and Refractive Surgeons
Temple House, Temple Road
Blackrock, Co. Dublin
Ireland

Tel: +353 1 209 1100; Fax: +353 1 209 1112

Abstract Submission

Deadline: 31 October 2016

Abstracts for the following presentation types should be submitted at www.es CRS.org:

- Free Paper
- Poster
- Cornea Day Case Presentation

Please check the website for topics and submission guidelines.

Annual Cornea Day (Organised by ESCRS and EuCornea)

Friday 10 February
09.30 – 16.30

Chairpersons: J. Güell *SPAIN (EUCORNEA)*
R. Nuijts *THE NETHERLANDS (ESCRS)*

Topics will include:

- Management of corneal complications after refractive surgery
- Tips and pitfalls in corneal graft surgery: DALK, DSEK, DMEK, PK
- Ocular surface disease: what worked and what did not
- Corneal potpourri (miscellaneous cases, including corneal inflammation, degeneration, infections etc)

The Cornea Day programme will be comprised of a number of expert keynote lectures and a series of case presentations on the topics listed above.

For further details, and to submit a case presentation, go to www.es CRS.org or www.eucornea.org

Deadline for submission of abstracts: 31 October 2016

Young Ophthalmologists Programme

**Learning from the Learners:
Interactive Video Session on Cataract Surgery for Trainees**

**Friday 10 February
09.00 – 13.30**

Chairpersons: O. Findl *AUSTRIA*
S. Morselli *ITALY*
K. Vannas *FINLAND*

Live Surgery (Organised by the Netherlands Intra Ocular Implant Club)

**Saturday 11 February
14.00 – 16.00**

Moderator: R. Nuijts *THE NETHERLANDS*

Transmitted from the Maastricht University Medical Center.

Symposium

**(Organised by the Netherlands Intra Ocular Implant Club
& the Belgian Society of Cataract & Refractive Surgery)**

**Sunday 12 February
11.00 – 13.00**

Surgical Skills Training Courses

An extensive programme of wetlabs will take place throughout the Meeting.
For further information and to book courses go to www.es CRS.org.
Please note that there is an additional charge for these courses.

EuroTimes Satellite Education Programme

A programme of industry-sponsored satellite meetings will take place during the Meeting.
Please check www.es CRS.org for further information.



Symposia

Friday 10 February
17.00 – 18.30

Corneal Cross-Linking Update

Chairpersons: D. Epstein *SWITZERLAND*
J. Vryghem *BELGIUM*

- The impact of cross-linking on corneal transplantation
- Indications and long-term results in children
- The epi-on/epi-off controversy
- Keratoconus progression rates
- Cross-linking combined with other surgical modalities
- New modalities of cross-linking

Saturday 11 February
11.30 – 13.00

Long-term Complications of Refractive Surgery

Chairpersons: A. Behndig *SWEDEN*
R. Nuijts *THE NETHERLANDS*

- Surprises after corneal laser refractive surgery
- Corneal implants: are they forever?
- Phakic IOLs: how long will patients remain phakic?
- Refractive lens exchange: as time goes by
- How to reduce refractive surgery complications in the future
- Alternative treatments: how to avoid surgery in myopia

Saturday 11 February
16.30 – 18.00

Minimally Invasive Glaucoma Surgery (MIGS) for Cataract Surgeons

Chairpersons: M.J. Tassignon *BELGIUM*
C. Webers *THE NETHERLANDS*

- Systematic review of outcome of MIGS
- Indications and techniques for combined cataract and MIGS
- Ab interno subconjunctival MIGS
- Ab externo subconjunctival MIGS
- Non filtering MIGS techniques
- Future perspectives in combined cataract and glaucoma surgery

Sunday 12 February
09.00 – 10.30

The Usual Suspects: How to Handle Your First Complications

Organised by the Young Ophthalmologists Committee

Chairpersons: M. Severinsen *DENMARK*
N. Visser *THE NETHERLANDS*

Panellists: O. Findl *AUSTRIA*, B. Malyugin *RUSSIA*,
R. Nuijts *THE NETHERLANDS*, K. Vannas *FINLAND*

Capsular issues

- Rhexis running out
- Posterior rupture

Different IOLs and insertion techniques

- IOL types
- Inserting the IOL

The Vitreous

- The invisible vitreous
- Vitreous entrapped in the main incision/anterior vitrectomy

Basic Optics Course

Friday 10 February
08.30 – 16.00

Part 1. Visual Optics

- Light propagation in the eye
- Aberrations of the optical system
- Optics of crystalline lens and accommodative response
- IOL optics
- Epidemiology of the optical parameters of the eye
- IOL power calculation

Part 2. Visual Behaviour (Visual Function)

- Retinal image quality
- Presbyoptics
- Straylight: importance of different domains of the point– spread function
- State of the art assessment of visual acuity and contrast sensitivity
- Visual function assessment using adaptive optics
- Modelling visual function

Part 3. Imaging The Human Eye

- Confocal microscopy, from research to clinical practice
- Measuring of biomechanics of the cornea
- OCT imaging, from research to clinical practice
- Corneal topography challenges

Cataract Surgery Didactic Course

Friday 10 February
14.30 – 17.00

Part 1

- The pilot and the cataract surgeon: avoiding complications
- What do I want from my trainer?
- The ergonomics of cataract surgery
- The capsule
- Biometry: precision IOL calculations
- Incisions: creating the perfect wound
- Viscoelastics: creating space - protecting tissue
- Postoperative ametropia correction: laser refractive surgery

Saturday 11 February
08.00 – 12.30

Part 2

- 21st century phaco dynamics
- Complications and complex cases: advanced phaco techniques
- Femtosecond lasers and cataract surgery
- Femto phaco for complex cases
- Intraocular lens design
- Presbyopia correction with intraocular lenses
- Intraoperative correction of astigmatism: toric intraocular lenses
- Intraoperative correction of astigmatism: laser and knife incisions
- Supplementary lenses



Refractive Surgery Didactic Course

Friday 10 February
14.45 – 17.00

Part 1

- Patient selection and preoperative preparation
- Lasers in refractive surgery
- Corneal topography and IOL power calculation
- LASIK: surgical technique
- Surface ablation techniques
- Results of corneal refractive surgery

Saturday 11 February
08.00 – 12.35

Part 2

- Incisional and coagulative corneal procedures: principles, technique and results
- Overview of microkeratomes
- Intrastromal corneal implants
- Refractive lens exchange
- Overview of phakic IOLs
- Multifocal IOLs
- Presbyopia
- Quality of vision evaluation
- Biomechanics of the cornea
- Refractive reoperations and enhancements
- Non-optical complications of LASIK and corneal surgery
- Optical complications of refractive surgery
- Complications of phakic IOLs
- Customised ablational procedures

Cornea Didactic Course

Saturday 11 February
08.00 – 16.15

Clinical Cornea

- Basic science: anatomy, physiology and biomechanics
- Pathological responses of the cornea
- Laboratory testing for ocular surface diseases
- Infectious keratitis
- Corneal imaging evaluation techniques
- Non-infectious keratitis
- Corneal dystrophies
- Ectasia disorders and degenerations
- Dry-eye and ocular surface disease
- Immunological disorders of the cornea

Surgical Cornea

- Penetrating keratoplasty: preoperative consideration, technique, postoperative management and complications
- Anterior lamellar keratoplasty procedures: up-to-date
- Management of post keratopathy astigmatism
- Corneal cross-linking: intracorneal ring segments in ectatic disorders
- Conjunctival surgery
- Amniotic membrane
- Endothelial transplantation: up-to-date
- Limbal transplantation and keratoprosthesis

www.escrs.org

[Abstract Submission](#) • [Registration](#) • [Scientific Programme](#)
[Hotel Bookings](#) • [EuroTimes Satellite Education Programme](#)



ESCRS

EUROPEAN SOCIETY OF
CATARACT & REFRACTIVE
SURGEONS

