8th EuCornea Congress

LISBON 2017

6–7 October

Programme
9th EuCornea Congress
VIENNA 2018
21 - 22 SEPTEMBER
www.eucornea.org
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EUCORNEA BOARD

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Marc Labetoulle FRANCE
Rudy Nuijts THE NETHERLANDS
Paolo Rama ITALY
Vincenzo Sarnicola ITALY
MESSAGE FROM THE PRESIDENT

Dear Colleagues

On behalf of the Board and Officers of EuCornea, it is my great pleasure to welcome you to Lisbon for the 8th EuCornea Congress.

Over the course of the next two days delegates will enjoy a choice of excellent sessions. The latest developments in Cornea and Ocular Surface Disease will be presented by leaders in the field, in the eight Focus Sessions, seven Instructional Courses and four Free Paper Sessions.

The EuCornea Medal lecture will be given during the Opening Ceremony on Friday at 5.30pm. This year this esteemed lecture will be presented by Past President of EuCornea Prof. Francois Malecaze on the topic of “Keratoconus: What We Have Accomplished and What is Still Left to Do”. 

EuCornea is delighted to be once again partnering its annual meeting with the XXXV Congress of the ESCRS. As part of this collaboration, a combined EuCornea/ESCRS Symposia will take place on Saturday on the topic of ‘The Irregular Cornea’.

Finally I would like to thank all organisers and speakers for their invaluable role in creating such a high calibre scientific programme for the 8th Congress.

I wish you a successful and rewarding Congress and hope that you enjoy your stay here in Lisbon.

Fredrich Kruse
President, EuCornea
### Friday 6 October

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<td>08.00</td>
<td><strong>Free Paper Session 1</strong>&lt;br&gt;Corneal Transplantation</td>
<td><strong>Free Paper Session 2</strong>&lt;br&gt;Infections and Inflammation</td>
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<td>09.00</td>
<td><strong>Focus Session 1</strong>&lt;br&gt;Neurotrophic Keratopathy&lt;br&gt;Harinder Dua &amp; José Güell</td>
<td><strong>Course 1</strong>&lt;br&gt;From Eye Banking to Tissue Laboratories&lt;br&gt;Jesper Hjortdal &amp; Marc Muraine</td>
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<td>10.00</td>
<td>Break</td>
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<td>11.00</td>
<td><strong>Focus Session 2</strong>&lt;br&gt;Allergic Eye Disease&lt;br&gt;François Malecaze &amp; Harinder Dua</td>
<td><strong>Course 2</strong>&lt;br&gt;Two Common Corneal Procedures: Corneal Gluing and Corneal Sampling&lt;br&gt;Harinder Dua</td>
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<td>12.00</td>
<td>Lunch Break</td>
<td><strong>Course 3</strong>&lt;br&gt;Cross Linking&lt;br&gt;François Malecaze &amp; Beatrice Frueh</td>
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<td>13.00</td>
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<td>14.00</td>
<td><strong>Focus Session 3</strong>&lt;br&gt;Ocular Surface Tumors&lt;br&gt;George Kymionis &amp; Harinder Dua</td>
<td><strong>Course 4</strong>&lt;br&gt;Recognising Corneal Dystrophies&lt;br&gt;Vincent Borderie &amp; Hans Ulrik Moeller</td>
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<td>15.00</td>
<td>Break</td>
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<td>16.00</td>
<td><strong>Focus Session 4</strong>&lt;br&gt;Infectious Keratitis&lt;br&gt;Marc Labetoulle &amp; Beatrice Cochener</td>
<td><strong>Course 5</strong>&lt;br&gt;Lamellar Grafting&lt;br&gt;Rudy Nuijts &amp; José Güell &amp; Vincenzo Sarnicola</td>
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<td>17.00</td>
<td><strong>Opening Ceremony</strong>&lt;br&gt;Keynote Lecture - “Keratoconus: What We Have Accomplished, and What is Still Left To Do”&lt;br&gt;François Malecaze</td>
<td><strong>Course 6</strong>&lt;br&gt;Diagnosis Techniques For Ocular Surface&lt;br&gt;Beatrice Cochener</td>
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<td>18.00</td>
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### Saturday 7 October

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<tr>
<td>08.00</td>
<td><strong>Free Paper Session 4</strong>&lt;br&gt;Corneal Transplantation</td>
<td><strong>ESCRS/EUCORNEA Symposium</strong>&lt;br&gt;The Irregular Cornea</td>
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<td>09.00</td>
<td><strong>Focus Session 5</strong>&lt;br&gt;Controversies in Corneal Treatment&lt;br&gt;Friedrich Kruse &amp; Jesper Hjortdal</td>
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<td>10.00</td>
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<td>11.00</td>
<td><strong>Focus Session 6</strong>&lt;br&gt;Corneal and Ocular Surface Imaging:&lt;br&gt;A True Revolution&lt;br&gt;José Güell &amp; Beatrice Cochener</td>
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<td>12.00</td>
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<td>17.00</td>
<td><strong>Focus Session 7</strong>&lt;br&gt;Long Term Results in Keratoplasty&lt;br&gt;Dan Epstein &amp; Friedrich Kruse</td>
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OPENING CEREMONY

Friday 6 October

Room 3.6

17.30 – 18.30

17.30  F. Kruse GERMANY, PRESIDENT, EUCORNEA
Introduction and Welcome Address

17.35  J. Murta PORTUGAL

17.40  F. Malecaze FRANCE
EuCornea Medal Lecture

18.10  F. Kruse GERMANY
Presentation of EuCornea Medal

18.15  F. Kruse GERMANY
Best Poster Award

18.25  Closing Remarks

18.30  End of Session

EUCORNEA MEDAL LECTURE

Keratoconus: What We Have Accomplished And What Is Still Left To Do?

François Malecaze FRANCE

Prof. François Malecaze is Head of the Ophthalmology Service Unit at Toulouse-Purpan Hospital, France. He undertook medical studies at Toulouse University (1971-1977) and then a residency program, from 1977 to 1983, at the Toulouse-Purpan Hospital. He obtained his PhD thesis in the INSERM research unit in Paris in 1992. He is Head of the Research Ophthalmic group in the "UDEAR" unit (INSERM), Coordinator of the French National Reference Center for Keratoconus (CRNK) and President of the French Society of Refractive Surgery (SAFIR).

Prof. Malecaze is internationally recognized as a key opinion leader in the field of corneal and refractive surgery, corneal diseases (keratoconus), molecular biology and genetics of cornea and myopia. His contributions to these fields have resulted in numerous prizes and awards such as the National Prize of the Jean Dalloz Foundation and research funding from the ESCRS.

Prof. Malecaze is past-president of EuCornea and member of various international scientific societies, such as the ESCRS, the Association for Research in Vision and Ophthalmology (ARVO), and the American Academy of Ophthalmology (AAO). He has submitted a number of patent requests, is regularly invited to speak in international meetings, is author of more than 220 international publications and has contributed to 20 book chapters on topics related to the cornea and refractive surgery.
FRIDAY 6 OCTOBER

Room 3.6
08.00 – 09.00
Free Paper Session 1

Corneal Transplantation 1

Moderator: J. Güell SPAIN
S. Hannush USA

08.00 M. Daniell, K. Brown AUSTRALIA
Tissue-engineered Descemet’s stripping endothelial keratoplasty, in vivo proof of concept in sheep

08.08 O. Buznyk, M.M. Islam, S. Iakymenko, N. Pasiechnikova, M. Griffith UKRAINE
Outcomes of cell-free biomimetic implants as human donor cornea substitutes for high risk keratoplasty

08.16 J. Alió del Barrio, J. Alio, M. El Zarif, M. de Miguel, A. Azaar, N. Makdissy, W. Harb SPAIN
Corneal stroma enhancement by decellularized stromal grafts transplantation for advanced keratoconus

08.24 M. Haagdorens, V. Cepla, M. Kozak Ljunggren, M.J. Tassignon, S. Thys, M. Griffith, N. Zakaria BELGIUM
Self-assembling collagen-like-peptide nano-implants as stem cell loaded substitutes to human cornea transplantation

08.32 K. van Dijk, I. Dapena, E. Groenveld van Beek, J. Lie, L. Ham, G. Melles, J. Parker USA
Five year clinical results of Bowman layer transplantation

08.40 V. Mas-Tur, D.G. Said, H. Dua UK
Pre-Descemet’s endothelial keratoplasty: the PDEK clamp for successful PDEK

08.48 M. Dickman THE NETHERLANDS
European registry for quality improvement in corneal transplantation surgery

08.56 Discussion

09.00 End of session

Room 3.2
08.00 – 9.00
Free Paper Session 2

Infections and Inflammation

Moderators: F. Malecaze FRANCE
P. Fournie FRANCE

08.00 M. Cabrera Aguas, D. Robaei, S. Watson AUSTRALIA
Outcomes of herpes simplex keratitis in patients with a corneal graft

08.08 S. Barros, S. Parreira, D. Lopes, M. Pereira, N. Campos PORTUGAL
Solving ‘Rubik’s Cornea’ – atypical Cogan’s syndrome

08.16 H. Jasim, J. Hoffman, H. Bobat, S. Cook, D. Tole UK
Incidence of acanthamoeba keratitis in the UK in 2015

08.24 J. Goh, R. Harrison, S. Hau, C. Alexander, D. Tole, V. Avadhanam UK
Comparison of confocal microscopy, PCR and corneal culture for the early diagnosis of acanthamoeba keratitis

08.32 A. Raghavan, S. Baidwal, R. Rajaram, N. Venkatapathy, R. Rammohan INDIA
Is acanthamoeba the ultimate opportunist: preliminary report of the first 100 cases enrolled in the acanthamoeba-fungal keratitis study

08.40 S. Tavassoli, M. Buckle, D. Tole, P. Chiodini, K. Darcy UK
The use of miltefosine in the management of refractory acanthamoeba keratitis

08.48 E. Wissia, B. Vidic, N. Ardjomand AUSTRIA
Excimer laser treatment for acanthamoeba keratitis

08.56 Discussion

09.00 End of session
Room 3.2
09.00 – 10.00
Instructional Course 1

From Eye Banking to Tissue Laboratories

Moderators:  J. Hjortdal DENMARK  
             M. Muraine FRANCE

09.00  G. Thuret FRANCE  
        Improving corneal storage with the bioreactor

09.10  S. Ferrari ITALY  
        Optimizing preservation conditions for lamellar corneal grafts

09.20  N. Zakaria BELGIUM  
        Update on cultivated limbal epithelial transplantation

09.30  S. Oellerich THE NETHERLANDS  
        Perspectives for transplantation of laboratory expanded endothelial cells

09.40  H. Dua UK  
        Standardized preservation of human amniotic membranes

09.50 Discussion

10.00 End of session

Room 3.6
09.00 – 10.30
Focus Session 1

Neurotrophic Keratopathy

Moderators:  H. Dua UK  
             J. Güell SPAIN

09.00  H. Dua UK  
        Pathophysiology of neurotrophic keratopathy

09.20  D.G. Said UK  
        Clinical presentations

09.40  P. Rama ITALY  
        Medical management

10.00  J. Güell SPAIN  
        Surgical management

10.20 Discussion

10.30 End of session
FRIDAY 6 OCTOBER

Room 3.2
10.30 – 11.30
Instructional Course 2

Two Common Corneal Procedures: Corneal Gluing and Corneal Sampling

Moderator: H. Dua UK
Presenters: D.G. Said UK
R. Jayaswal UK

Corneal Gluing

Cyanoacrylate glue: Properties, indications, technique (direct, with disc support, double drape technique), follow up of patients and sequelae

Fibrin glue: Theory and properties, indications in ocular surface surgery and pathology, technique, fate of glue. Unconventional applications

Corneal sampling

Scrapes and swabs: From conjunctiva and cornea for microbial detection. Techniques of plating, smears on slides, storage and transport - Variations for viral, bacterial, fungal and parasitic infections

Alcohol delamination: Diagnostic and therapeutic indications, techniques and sample handling and preparation

Cornea biopsy: When, where, how and how many - processing for light and electron microscopy, culture and polymerase chain reaction testing

Conjunctival biopsy for mucus membrane pemphigoid/OCP; tumours: Technique, closure of defect created, sample preparation and handling

Room 3.6
11.00 – 12.30
Focus Session 2

Allergic Eye Disease

Moderators: F. Malecaze FRANCE
H. Dua UK

11.00 A. Leonardi ITALY
Immune mechanisms in allergic eye disease

11.13 H. Dua UK
Clinical spectrum of allergic eye diseases

11.26 M. Nubile ITALY
Medical management of allergic eye diseases

11.39 J.J. Gicquel FRANCE
Interventions and surgery in allergic eye diseases

11.52 A. Young UK
Managing the aftermath/sequelae of allergic eye disease

12.05 C. Karp USA
Ocular surface squamous neoplasia in patients with atopy: unique challenges and issues

12.18 Discussion
12.30 End of session
Room 3.2

11.30 – 12.30
Instructional Course 3

Cross Linking

Moderators:  F. Malecaze FRANCE
             B. Frueh SWITZERLAND

11.30  T. Seiler GERMANY
       Theory and evolution of CXL

11.40  J. Hjortdal DENMARK
       Natural course of keratoconus and evidence of the efficacy of conventional CXL

11.50  A. Caporossi ITALY
       CXL outcomes using Epi-on and Epi-off

12.00  F. Malecaze FRANCE
       Topo-guided CXL for keratoconus and low myopia

12.10  G. Kymionis SWITZERLAND
       Combined refractive surgery and corneal cross linking in keratoconic and refractive patients

12.20  Discussion

12.30  End of Session

Room 3.2

14.00 – 15.00
Instructional Course 4

Recognising Corneal Dystrophies

Moderators:  V. Borderie FRANCE
             H.U. Møller DENMARK

14.00  H.U. Møller DENMARK
       An introduction to corneal dystrophies

14.10  J. Hjortdal DENMARK
       Fuchs corneal endothelial dystrophy

14.20  V. Borderie FRANCE
       Other corneal endothelial dystrophies

14.30  M. Busin ITALY
       TGFBI/BIGH3-related corneal dystrophies

14.40  C. Bredstrup DENMARK
       Stromal dystrophies unrelated to TGFBI/BIGH3

14.50  A. Labbé FRANCE
       Epithelial and basement membrane dystrophies

13.00  End of session
FRIDAY 6 OCTOBER

Room 3.6
14.00 – 15.30
Focus Session 3

Ocular Surface Tumors

Moderators:  
G. Kymionis SWITZERLAND  
H. Dua UK

14.00  S. Palioura USA  
Etiopathogenesis and diagnosis of ocular surface tumours

14.15  H. Dua UK  
Medical management of OST (OSSN + melanoma)

14.30  A. Schalenbourg SWITZERLAND  
Surgical management of OST (OSSN + melanoma)

14.45  R. Parrozzoni ITALY  
Monitoring and follow up of patients with OST

15.00  C. Karp USA  
How OCT has revolutionised my practice of ocular surface oncology

15.15  Discussion

15.30  End of session

Room 3.2
15.30 – 16.30
Free Paper Session 3

Keratoconus and Collagen Cross Linking

Moderators:  
B. Frueh SWITZERLAND  
P. Maier GERMANY

15.30  T.G. Seiler, P. Shao, A. Eltony, B. Frueh, S.H. Yun, T. Seiler SWITZERLAND  
In vivo Brillouin-shifts of crosslinked and uncrosslinked corneas in keratoconus

15.38  L. Malheiro, J. Coelho, I. Casal, M. Neves, M. Gomes, L. Oliveira PORTUGAL  
Unmasking keratoconus: effect of corneal epithelium on keratoconus topography

15.46  P. Padmanabhan, S. Rachapalle Reddi INDIA  
Long term outcomes of unilateral corneal collagen crosslinking (CXL) for bilateral keratoconus in paediatric patients – comparative contralateral study

15.54  J. Hogden, S. Holland, D. Lin, N. Davey CANADA  
PTK or PRK with corneal collagen crosslinking – chasing superior outcomes

16.02  S. Holland, D. Lin, J. Hogden, N. Davey CANADA  
Topography-guided photorefractive keratectomy with collagen cross linking for keratoconus

16.10  A. Bardan, D. Healy, M. Nanavaty UK  
Outcomes of excimer laser surface ablation prior to, simultaneously, or after cross linking in keratoconic eyes

16.18  L. Raj Ponniah, D. Raj Ponniah, A. Agarwal INDIA  
Femto-assisted cross linking better than conventional: proof of concept of ‘deeper the better’

16.26  Discussion

16.30  End of session
Room 3.6
16.00 – 17.30
Focus Session 4

Infectious Keratitis

Moderators: M. Labetoulle FRANCE  
B. Cochener FRANCE

16.00  T. O’Brien USA  
Severity of emerging bacterial resistance on ocular surface

16.15  G.M. Verjans THE NETHERLANDS  
Clinical impact of antiviral resistance on ocular herpetic infections

16.30  J. Merayo SPAIN  
Update in demodex contamination or infection of ocular surface

16.45  E.M. Messmer GERMANY  
Role of bacteria in meibomian gland dysfunction

17.00  J. Knoeri FRANCE  
Management of complex combined corneal infections

17.15 Discussion

17.30 End of session

Room 3.2
16.30 – 17.30
Instructional Course 5

Lamellar Grafting

Moderators: R. Nuijts THE NETHERLANDS  
J. Güell SPAIN  
V. Sarnicola ITALY

16.30  C. Cursiefen GERMANY  
Case Presentation

16.35  N. Alejandro-Alba SPAIN  
Case Presentation

16.40  C. Sarnicola ITALY  
Case Presentation

16.45  M. Muraine FRANCE  
Case Presentation

16.50  B. Allan UK  
Case Presentation

16.55  S. Hannush USA  
Case Presentation

17.00  J. Hjortdal DENMARK  
Case Presentation

17.05 Discussion

17.30 End of session
FRIDAY 6 OCTOBER

Room 3.2
17.30 – 18.30
Instructional Course 6

Diagnostic Techniques for Ocular Surface

Moderator: B. Cochener FRANCE

Part 1  F. Chiambaretta FRANCE
Clinical assessment of dry eye: slit lamp and dye tests

Part 2  B. Cochener FRANCE
New imaging tools for assessment of ocular surface

SATURDAY 7 OCTOBER

Room 3.6
08.00 – 09.00
Free Paper Session 4

Corneal Transplantation 2

Moderator: F. Kruse GERMANY

08.00  S. Oellerich, K. van Dijk, L. Baydoun, J. Peraza-Nieves, P. Binder, G. Melles THE NETHERLANDS
Multicenter study on Descemet’s membrane endothelial keratoplasty (DMEK)

08.08  O. Oganesyan, A. Grdikanyan, V. Getadaryan, S. Milash RUSSIA
Partial Descemet’s membrane endothelial keratoplasty (½ and ¼ DMEK)

08.16  F. Arnalich-Montiel, A. Perez-Sarriegui, L. Porrua Tubio SPAIN
Pupillary abnormalities in Descemet’s membrane endothelial keratoplasty

08.24  J. Cabrerizo DENMARK
In vivo confocal microscopy assessment of Descemet-stromal interface healing in Descemet’s membrane endothelial keratoplasty

08.32  E. Marziali, O. Caporossi, E. Favuzza, R. Mencucci ITALY
Descemet stripping endothelial keratoplasty (DSEK) and Descemet’s membrane endothelial keratoplasty (DMEK): a fellow eye comparison

08.40  M. Panagiotopoulos, E. Olafsdottir SWEDEN
Evaluation of tectonic anterior lamellar keratoplasty (LK) for corneal perforations and descemetocoele

08.48  F. Price, F.W. Price Jr., M. Price USA
DMEK trifold technique: fact or fiction – does it aid in unfolding and reduce cell loss?

08.56 Discussion

09.00 End of session
Room 3.6
09.00 – 10.30
Focus Session 5

Controversies in Corneal Treatment

Moderators: F. Kruse GERMANY
J. Hjortdal DENMARK

09.00 J. Dart UK vs B. Seitz GERMANY
Acanthamoeba keratitis is best treated by early keratoplasty

09.14 Discussion

09.18 F. Hafezi SWITZERLAND vs F. Larkin UK
Corneal cross linking for keratitis

09.32 Discussion

09.36 G.A. Kontadakis GREECE vs D. Touboul FRANCE
Early keratoconus is best treated by topography-guided laser ablation and cross linking

09.50 Discussion

09.54 M. Busin ITALY vs F. Kruse GERMANY
Ultrathin DMEK rather than DMEK as the best treatment for endothelial msyfunction

10.08 Discussion

10.12 C. Liu UK vs P. Ramo ITALY
Bilateral stem cell disease: Boston keratoprosthesis vs oral mucosal expansion

10.26 Discussion

10.30 End of session

Room 3.6
11.00 – 12.30
Focus Session 6

Corneal and Ocular Surface Imaging: A True Revolution

Moderators: J. Güell SPAIN
B. Cochen FRANCE

11.00 R. Ambrosio BRAZIL
Refinement in videotopography

11.15 D. Reinstein UK
Focus on epithelial layer with OCT

11.30 E. Hernandez Quintela MEXICO
Focus on meibomal gland dysfunction with interferometry

11.45 C. Roberts USA
From viscoelasticity to elastometry of the cornea

12.00 L. Mastropasqua ITALY
In vivo histology with confocal microscopy

12.15 Discussion

12.30 End of session
*SATURDAY 7 OCTOBER*

**Arena**

14.00 – 15.30

EuCornea/ESCRS Symposium

**The Irregular Cornea**

Chairpersons: F. Kruse GERMANY (EUCORNEA)  
R. Nuijts THE NETHERLANDS (ESCRS)

14.00  H. Dua UK  
The keratoplasty cornea
14.15  T. Kohnen GERMANY  
Corneal incisions
14.30  Discussion
14.40  L. Spadea ITALY  
Excimer laser
14.55  J. Murta PORTUGAL  
Rings
15.10  Discussion
15.20  A. Marinho PORTUGAL  
Cataract surgery in irregular astigmatism
15.35  J. Güell SPAIN  
Phakic and add-on IOLs
15.50  Discussion
16.00  End of session

**Room 3.6**

16.00 – 17.30

Focus Session 7

**Long Term Results in Keratoplasty**

Moderators: D. Epstein SWITZERLAND  
F. Kruse GERMANY

16.00  B. Seitz GERMANY  
Survival of the endothelial cells
16.13  TBC TBC  
Significance of tissue typing in corneal keratoplasty
16.26  F. Larkin UK  
Keratoplasty in herpetic corneal disease
16.39  V. Borderie FRANCE  
Long-term results after DALK
16.52  S. Hannush USA  
Long-term results after DSAEK
17.05  F. Kruse GERMANY  
Mid-term results after DMEK
17.18  Discussion
17.30  End of session
Using the European Cornea and Cell Transplant Registry for clinical improvement

Leader: M. Lundstrom SWEDEN
Faculty: M. Dickman THE NETHERLANDS

Course outline

This course will inform about the importance of quality improvement work. The ECCTR system will be presented as a tool to improve quality in corneal transplant surgery. Legal aspects of an international registry including ownership of data and ethical aspects will be discussed. Detailed instructions of how to enter data into the system and take out reports will be given.

Course objectives

Inform about quality improvement work. Provide knowledge about the ECCTR system. Inform about legal aspects of an international disease registry. Provide knowledge about how to enter data into the system. Provide knowledge about how to take out data from the system.

Course schedule

16.45 The concept of quality improvement in healthcare
16.55 Quality Registry – ECCTR
17.15 Legal aspects
17.20 Reporting data – input of data
17.35 Take out reports – output of data
17.45 End of session
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Friday 6 October

11.00 – 12.00

Session 1
Poster Village: Pod 1

Moderator: M. Nuble ITALY

11.00 V. Borderie FRANCE
New insight into corneal mechanics and physiology: exploring banding patterns

11.05 I. Dapena THE NETHERLANDS
Surgical modifications and clinical outcomes of advanced Descemet’s membrane endothelial keratoplasty (DMEK) in complex endothelial disorders

11.10 M. Dickman THE NETHERLANDS
Long-term outcomes of repeated corneal transplantations – A Dutch registry study

11.15 T. Garcin FRANCE
Long-term corneal storage in a innovative bioreactor versus organ culture: randomized controlled preclinical study

11.20 F. Majo SWITZERLAND
Deep limbal graft to treat deep corneal neovascularization

11.25 O. Oganesyan RUSSIA
Descemet’s membrane endothelial keratoplasty (DMEK) in complicated cases

11.30 J. Van Rooij THE NETHERLANDS
Functional outcome after conventional penetrating, inverted mushroom and DSAEK corneal transplantation techniques for Fuchs’ endothelial dystrophy

11.35 A. Villarrubia SPAIN
DALK small bubble technique assisted with femtosecond laser

11.40 N. Yamada JAPAN
Descemet’s membrane endothelial keratoplasty (DMEK) after transscleral-sutured posterior chamber intraocular lens implantation and pars plana vitrectomy

11.45 V. Zygoura THE NETHERLANDS
Quarter-DMEK for Fuchs’ endothelial dystrophy: 1-6 months outcomes

11.50 O. Al-Shymali SPAIN
Femtosecond laser (FS)-assisted tuck in penetrating keratoplasty (PKP) for severe keratoglobus

12.00 End of session

Friday 6 October

14.00 – 15.30

Session 2
Poster Village: Pod 1

Moderators: J. Hjortdal DENMARK
A. Ivarsen DENMARK

14.00 R. Arora INDIA
Repeat deep anterior lamellar keratoplasty for failed primary anterior lamellar keratoplasty

14.05 L. Baydoun THE NETHERLANDS
Quantitative assessment of aqueous flare after DMEK shows persistent subclinical inflammation

14.10 M. Bhogal UK
Presence of an intact basement membrane enhances corneal endothelial cell migration, proliferation and maintenance of a normal phenotype in-vivo

14.15 R. Birbal THE NETHERLANDS
Dark endothelial spots after Descemet’s membrane endothelial keratoplasty (DMEK) may impose as recurrent Fuchs’ dystrophy

14.20 J. Cabrerizo DENMARK
Femtosecond laser-assisted graft preparation for limbal stem cell transplantation

14.25 J. Cabrerizo DENMARK
The effect of positioning on gas-endothelial contact in Descemet’s membrane endothelial keratoplasty (DMEK)

14.30 J. Carneiro PORTUGAL
Descemet’s stripping automated endothelial keratoplasty (DSEK) as a therapeutic option after penetrating keratoplasty endothelial failure

14.35 J. Coelho PORTUGAL
Correction of ametropias with phakic intraocular lens after deep anterior lamellar keratoplasty (DALK) performed with big bubble technique

14.40 D. Cordeiro Sousa PORTUGAL
Flight cabin-induced hypoxemia affects intraocular pressure and central corneal thickness

14.45 Y. Abdalla UK
Assessment of AS-OCT in measuring the clinical course of acanthamoeba keratitis (AK) in University Hospital of Southampton Eye Unit

14.50 G. Laurinavičiūtė LITHUANIA
Langerhans cells density of the central cornea by in vivo confocal microscopy in type 2 diabetes mellitus
PRESENTED POSTERS

14.55  M. Buckle  UK
Immunosuppression in atopic keratoconjunctivitis – experience from a single centre

15.00  J. Hoffman  UK
Acanthamoeba keratitis at a London ophthalmic referral hospital: a two-year retrospective observational study

15.05  J. Alió del Barrio  SPAIN
Cellular therapy with human autologous adipose-derived adult stem cells for advanced keratoconus

15.10  L. Raj, D. Raj Ponniah  INDIA
Cross linked donor corneas resist infections and melts in Boston type 1 keratoprosthesis: a case series

15.15  T. Verdonck  BELGIUM
Amniotic membrane supported autologous conjunctival transplantation with limbal based flipped amniotic flap for the treatment of refractory corneal conjunctivalisation

15.20  M. Haagdorens  BELGIUM
Recombinant human collagen type 1 hydrogels as superior cell carriers for corneal epithelial stem cells

15.25  M. Labetoulle  FRANCE
Efficacy of heparan sulfate mimetic polymers in Cogan’s epithelial basement membrane dystrophy

15.30  End of session
Basic Science

S. Barros, D. Lopes, S. Parreira, I. Machado, M. Pereira, N. Campos PORTUGAL
Ultrasound ciliary plasty treatment in glaucoma secondary to Axenfeld-Rieger syndrome

J. Costa, F. Neves, L. Figueiredo, J. Braga, C. Arede PORTUGAL
Variation of the posterior corneal surface in high myopic eyes submitted to Q-value guided laser in situ keratomileusis (LASIK)

E. Favuzza, A. Brescacin, A. Bitossi, R. Mencucci ITALY
Pre-Descemet corneal stromal layer: an electron microscopy study

Contrast sensibility study between patients with AMO Tecnis Toric Aspheric ZCTT IOL and AMO Tecnis I ZCB00 IOL after cataract surgery

M. Kamel EGYPT
Phenotype-genotype correlation in clinically-diagnosed recessive cornea plana

M. Kamel EGYPT
Retrospective study of corneal anesthesia in childhood

H. Levis, S. Kennedy, R. Lace, S. Kaye, R. Williams UK
Creation of bio-synthetic corneal endothelial grafts for transplantation using novel peptide gels

Corneal collagen re-organization during healing after alkali burn: clinical, biological and optical correlation

Z. Luznik, L. Lapajne, A. N. Kopitar, A. Ihan, M. Hawlina, P. Schollmayer SLOVENIA
Dendritic cell subtypes identification and characterization in preserved and cultured corneal limbal tissue on amniotic membrane

N. Szentmary, L. Latta, A. Langenbucher, B. Seitz, T. Chiaradia ARGENTINA
Recurrence of keratoconus in a corneal graft

A. Villarrubia, A. Cano-Ortiz, L. Leon-Ibanez SPAIN
Scanning electron microscope analysis of stromal surface regularity in DSAEK using manual or automated microkeratomes or DMEK

Z. Zita Orosz, A. H. Shemirani, H. Bardos, B. Naga, R. Adany, A. Facsko Muszbek HUNGARY
Presence and role of cellular factor XIII in the corneal stroma

Corneal Transplantation

B. A. Budak, S. A. Kivanc TURKEY
Tectonic sclerokeratoplasty in refractory microbial keratitis

J. Cabrerozo, M. Alberti, M. La Cour DENMARK
Morphological validation and swept-source analyses of Bowman layer transplantation grafts

F. Cremona, N. Miguez, P. Chiardia ARGENTINA
Recurrence of keratoconus in a corneal graft

O. Daphna ISRAEL
An artificial corneal endothelial implant in animal models: 4 year’s experience

N. Delwiche, M. J. Tassignon, S. Ni Dhubghaill BELGIUM
Regeneration of the corneal endothelium after descemetoctomy: two case reports

D. Dobrowolski, B. Wowra, K. Kryski, E. Wroblewska-Czajka, E. Wylegala POLAND
Results of keratoplasty combined with cataract surgery (triple procedure) in aniridia

L. Faraj, H. Dua, M. B. Kenawy, S. Altaan, M. S. Elalfy Katamish UK
Dynamics of big bubble formation in deep anterior lamellar keratoplasty (DALK) by the big bubble technique: in vitro studies

T. Gaidamaka, G. Drozhzhyna, K. Sereda, O. Ivanova UKRAINE
Using of different transplant material in surgical treatment of patients with complicated herpetic keratitis

A. Gavín Sancho, M. Romero, M. Idoipe, A. Sanchez, A. Mateo, C. Brito Sateu SPAIN
A comparison between microkeratome-assisted lamellar keratoplasty (MALK) transplantation and conventional anterior mushroom for keratoconus

H. Hasani IRAN, ISLAMIC REPUBLIC OF
Persistent corneal graft edema management with rho-associated kinase inhibitor

T. Hayashi, I. Yokokawa, A. Matsuawaza, K. Yuda, N. Kato JAPAN
Descemet's membrane endothelial keratoplasty (DMEK) using ophthalmic viscoelastic devices for asian eyes with shallow anterior chambers
E-POSTERS

H. Hasani, K. Jadidi, M. Nikkhoo  IRAN, ISLAMIC REPUBLIC OF
New method in Descemet’s stripping automated endothelial keratoplasty (DSEAKeK)

V. Jovanovic, N. Nikolic, M. Jankov, T. Mrakovic, S. Sukalo  SERBIA
Treatment of perforated cornea with an autologous lamellar corneal graft

I. Leal, D. Cordeiro Sousa, A.M. Quintas, P. Guerra, W. Rodrigues  PORTUGAL
The role of mycophenolate mofetil in high-risk penetrating keratoplasty: the first case-series from a tertiary centre

A.S. Martins, A. Rosa, P. Fonseca, M. Raimundo, S. Santos, M.J. Quadrado Murta  PORTUGAL
Minimally invasive iris epithelial cyst excision and Descemet’s stripping automated endothelial keratoplasty (DSEAKeK)

A. Matsuzawa, T. Hayahi, I. Oyakawa, N. Yamada, N. Kato, H. Takagi  JAPAN
The use of four asymmetric marks to orient the donor graft during Descemet’s membrane endothelial keratoplasty (DMEK)

J. Mendes Pereira, L. Malheiro, C. Abreu, L.M. Neves, M. Gomes, L. Oliveira  PORTUGAL
Long-term results in deep anterior lamellar keratoplasty (DALK) performed with big bubble technique

M. Muraíne, A. Duncombe, D. Touboul, J. Guédry  FRANCE
Aphakia and aniridia are not a contraindication to endothelial keratoplasty after bullous keratopathy

M. Panagiotopoulos  SWEDEN
Novel technique for preparation of a large tectonic lamellar graft with femtosecond laser and manually

E. Pedrotti, C. Chierego, J. Bonetto, P. Talli, T. Merz, E. Bonacci Marchini  ITALY
Evaluation of corneal biomechanical behaviour and corneal ex vivo destructive test after different femtolaser-assisted corneal incision patterns for transplantation

S. Perestrello, P. Cardoso, J. Pinheiro-Costa, L. Torrão, R. Moreira, F. Falcão-Reis  PORTUGAL
DSEAKeK: does the thinner corneal thickness lead to better final visual acuity results?

J. Pinheiro Costa, S. Torres Costa, L. Torrao, R. Moreira, F. Falcão Reis  PORTUGAL
Descemet’s membrane endothelial keratoplasty (DMEK): first impressions

M. Price, A. Gonzalez, M. Feng, F. Price  GERMANY
Immunologic rejection after DALK: incidence and risk factors

F. Price, M. Feng  USA
What’s new: improvements and advances in DMEK techniques

M. Raimundo, J. Gil, E. Costa, A. Rosa, M.J. Quadrado, J. Murta  PORTUGAL
Managing Terrien’s marginal degeneration with a crescent-shaped corneo-scleral lamellar keratoplasty and topography-guided laser ablation

L. Raj, D. Raj Ponniyah, A. Agarwal  INDIA
Why I prefer PDEK (pre Descemet’s endothelial keratoplasty): advantages over DSEK/DMEK/PK

M. Romero Sanz, M. Romero, M. Idoipe, A. Mateo, A. Sanchez, E. Garcia-Martíñ, M. Satue  SPAIN
Ability of the especially designed therapeutic contact lens HyperCL to remove corneal edema after Descemet’s membrane endothelial keratoplasty (DMEK): first results of a pilot study

A. Ross, D. Said, H. Dua  UK
Visco-dissection in deep anterior lamellar keratoplasty (DALK): histological confirmation of cleavage plane

K. Sereda, G. Drozhzhyna, T. Gaydamaka  UKRAINE
Cryopreserved amniotic membrane transplantation in patients with inflammatory and degenerative pathology of the cornea

M. Silva, M. Moreira, R. Moreira, F. Falcão Reis, A. Rocha-Sousa  PORTUGAL
Is the age of the donor a determining factor in the prognosis of corneal transplantation?

F. Sousa Neves, J. Braga, L. Ribeiro, C. Arede, J. Sequeira  PORTUGAL
Management of corneal perforation in a patient with porphyria with amniotic membrane graft

Descemet’s stripping vs. non-Descemet’s stripping endothelial keratoplasty in failed penetrating keratoplasty: the importance of preoperative AS-OCT in determining surgical technique

Hemi non-Descemet’s stripping endothelial keratoplasty (hemi-nDSEK) for eccentric acute corneal hydrops

Long-term clinical outcomes following deep anterior lamellar keratoplasty

E. Wróblewska-Czajka, K. Krysik, D. Dobrowolski, D. Tarnawska, E. Wyłgá  POLAND
Large penetrating grafts - clinical observations

N. Yesilmarmak, M.C. Ozmen, B. Aydin  TURKEY
DMEK in challenging cases

K. Yuda, T. Hayashi, O. Itaru, N. Kato  JAPAN
Use of brilliant blue G for graft staining during Descemet’s membrane endothelial keratoplasty (DMEK)
### Imaging

**M. Belmekki, M. El Bakkali** MOROCCO  
The topographic effects of secondary astigmatism of pterygium

**S. Kimyon, A. Mete, K. Gungor** TURKEY  
Comparison of cornea endothelium in uncontrolled diabetes mellitus and normal population

**I. Leal, D. Cordeiro Sousa, A. Magrico, V. Maduro, W. Rodrigues** PORTUGAL  
In vivo confocal microscopy in cystinosis patients treated with a new gel formulation of topical cysteamine

**M. Oliveira, A. Martins, A. Rosa, M.J. Quadrado, J. Murta** PORTUGAL  
Anterior segment OCT in the early orientation of infectious keratitis

**L. Terraciano, M. Cennamo, O. Caporossi, E. Favuzza, R. Mencucci** ITALY  
An in vivo confocal microscopy study of corneal changes in pseudoxfoliation syndrome (PEX)

### Infections and Inflammation

Cornea nightmare by acanthamoeba: a late case

**F. Auerbach, F. Auerbach, S. Sel, R. Khoramnia, T. Tandogan, G. Auffarth** GERMANY  
Sudden corneal decompensation after facial cosmetic treatment

**T. Ayoub, C. Leak, J. Forbes, C. Kribbler** UK  
Antibiotic resistance in microbial keratitis: 12 year experience of corneal scrapes at a London teaching hospital

**S. Balendra, S. Makuloluwe, R. Jayaswal** UK  
Effective treatment with topical cyclosporin in a steroid-dependent case of non-venereal interstitial keratitis

**J. Behaegel, S. Ni Dhubbghaill, C. Koppen** BELGIUM  
Diagnostic challenges in nocardia keratitis: a case report

**S. Belghmaid, I. Hajji, M. Mohammed, A. Moutaouakil** MOROCCO  
Evaluation of intrastromal injection of voriconazole in fungal abscesses

**W. Chaidaroon, S. Supalaset** THAILAND  
Pseudomonas scleritis following pterygium excision

**T. Chikama, C. Kaneoka, S. Inokawa, R. Toda, Y. Kadohiro, Y. Kiuchi** JAPAN  
Monitoring the effect of topical steroid administration for multiple subepithelial corneal infiltrates following epidemic keratoconjunctivitis

**M. Dembski, A. Nowinska, K. Ulfik, B. Bolek, R. Mazur, E. Wylegala** POLAND  
In vivo confocal microscopy in acute microcystic corneal epitheliopathy after daily soft contact lenses

**N. Dhillon, J. Gandhewar** UK  
An unusual case of achromobacter keratoconjunctivitis

**M.M. Diab, A. Swoelim, M. Omar** SAUDI ARABIA  
Microbiological and epidemiological study of infectious keratitis in children and adolescents

**G. Drozhzhyna, O. Ivanova, T. Gaidamaka** UKRAINE  
Infectious complications of the cornea as a result of wearing soft contact lenses

**P. Ducall, G. Delvecchio, V. Volante, C. Ferrari, M.R. Carbotti, G.M. Cavallini** ITALY  
A rare case of a simultaneous corneal infection by acanthamoeba and scopulariopsis brevicaulis

**A. Elsahn, P. Hossain, M. Christodoulides** UK  
Ultrastructural changes in pseudomonas aeruginosa keratitis

**D. Gousis, T. Tsatsos** GERMANY  
Fine needle diathermy with adjuvant triamcinolon in the treatment of corneal neovascularisation

**E. Casswell, J. Hoffman, A. Shortt** UK  
Severe ocular chemical injury at a London ophthalmic referral hospital: a three-year retrospective observational study

**V. Huerva, J. Soldevila, I. Caral, F. Vilardebell** SPAIN  
Voriconazole treatment for suspected fungal keratitis may mask an undiagnosed acanthamoeba keratitis

**E. Interlandi, F. Bonsignore, F. Pellegrini** ITALY  
Herpetic keratitis reactivation after photo-refractive keratectomy (PRK) procedure

Acanthamoeba endothelitis: a case series

**P. Khoo, M. Cabrera-Aguas, D. Robaey, S. Watson** AUSTRALIA  
Corneal biopsy for diagnosis of progressive microbial keratitis at a tertiary referral eye hospital

**S.A. Kivanc, B. Akova-Budak** TURKEY  
Unusual retained conjunctival foreign bodies in children as a cause of refractory keratoconjunctivitis

**A. Leonardi, S. Doan, M. Amrane, D. Ismail, D. Bremond-Gignac** ITALY  
Efficacy and safety of 0.1% cyclosporin cationic emulsion (CsA CE) in patients with severe vernal keratoconjunctivitis: results of the VEKTIS study

**W. List, W. Glatz, G. Mossboeck** AUSTRIA  
Retrospective evaluation of cases of acanthamoebic keratitis at the Department for Ophthalmology at the Medical University Graz between 1997 and 2015
D. Lopes, S. Barros, S. Parreira, I. Machado, N. Campos PORTUGAL
Thygeson's superficial punctate keratitis – a clinical case report

A. Loshkareva, D. Maychuk RUSSIA
Using 0.05% cyclosporine as a method of treatment for Thygeson's superficial punctate keratitis

F. Lucero Saa, E. Cremona, N. Minguex, P. Rinaudo, P. Chiaradia ARGENTINA
Ectodermal dysplasia: association with anti-basement membrane autoantibodies

M.J. Leon Cabello, L. Rebollodeo Lara, P. Criado Muñoz, A. Gonzalez Prieto SPAIN
Adult gonococcal keratoconjunctivitis: a case report

C. Malhotra, D. Dhiingra, A. Jain, R. Balamorgan INDIA
Viral keratouveitis misdiagnosed as fungal keratitis by in vivo confocal microscopy (IVCM)

T. Mc Swiney, E. McElnea, W. Power, C. Murphy, D. Brosnahan IRELAND
Treatment of vernal keratoconjunctivitis with supratarsal injection of corticosteroid

J. Nunez, P. Gomez Faia, N. Manrique Donaire, J. Gracia Martinez SPAIN
Strategies in treatment of peripheral ulcerative keratitis with necrotizing scleritis

G. Pardianto INDONESIA
Corneal cryoexy for descemetocele

M. Popiela, T. Young-Zvandasa, S. Wijetilleka, M. Muhtaseb UK
Prevalence of acanthamoeba species in domestic water in Wales

L. Raj, D.R. Ponniah, H. Anandan INDIA
Intra stromal corneal antibiotic implants: novel therapy for posterior corneal infection

A. Rothwell UK
Burdock keratopathy: a curious case of corneal injury in a 5-yr-old boy

Clinical and microbiological features in bacterial keratitis in a tertiary referral hospital

I. Soloveychik, G. Akchurin, V. Maksimov RUSSIA
Method of post-inflammatory corneal opacities treatment

A. Tzamalis, E. Arbab, A. Al-Maskari, V. Romano, S. Kaye UK
Bilateral metachronous corneal perforation associated to ocular rosacea

A. Verma, B. Mamatha INDIA
Visual & clinical outcome in patients with corneal lacerations

A. Vicente, F. Pedrosa Domellaf, B. Bystram SWEDEN
Black yeast exosphiala phaeomuriformis keratitis in a subarctic climate region: a case report

Keratoconus and Collagen Cross Linking

A.C. Abreu, J. Coelho, V. Lages, L. Miguel Neves, M. Gomes, L. Oliveira PORTUGAL
Intracorneal rings segments (ICRS) implantation in paediatric age: long-term follow-up

S. Aliyeva AZERBAIJAN
Evaluation of corneal topographic parameters in unilateral keratoconus

A. Bardan, M. Shaheen, M. Elkateb, H. Helaly UK
Sequential wavefront-guided photorefractive keratectomy using a high definition aberrometer after corneal collagen CXL in keratoconus

A. Bardan, M. Shaheen, M. Elkateb, H. Helaly UK
Wavefront-guided photorefractive keratectomy using a high resolution aberrometer after corneal collagen crosslinking in keratoconus

A. Barros, L. Dias, S. Gonçalves, I. Almeida, J. Chibante-Pedro PORTUGAL
Keratoconus: a challenging case

Corneal geometric 3D modeling analysis for detection of subclinical keratoconus

Corneal morphogeometric findings in keratoconus with mild visual limitation

M. El Bakkali, B. Mohamed MOROCCO
The refractive power of the corneal epithelium in keratoconus

M. El Bakkali, B. Mohamed, S. Asmaa, O. Yousra MOROCCO
Stability of intra corneal rings in keratoconus: OCT contribution

F. Faria Correia, T. Monteiro, L. Oliveira, F. Vaz, R. Ambríosio Jr PORTUGAL
Athens protocol for corneal ectasia: experience of first cases

H. Hasani, M. Mehdil Sadoughi, B. Einollahi, A. Baradaran-Rafii, D. Roshandel, M. Nazari IRAN, ISLAMIC REPUBLIC OF
Comparison of accelerated versus conventional corneal collagen cross linking in keratoconus

N. Kato, T. Sasaki, T. Ide, I. Toda JAPAN
A case with sterile infiltration with corneal melting after corneal cross linking for keratoconus presumably due to excessive use of non-steroidal anti-inflammatory eye drops and treated by amniotic membrane transplantation

V. Lages, L. Malheiro, D. Dias, P. Baptista, M. Neves, M. Gomes Oliveira PORTUGAL
Combined epithelium-off topography-guided photorefractive keratectomy and corneal collagen cross linking – new approach in the treatment of keratoconus
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<td>A. Lange, G. Moloney, S.A. Mosquera, D. Lin, S. Holland</td>
<td>SWITZERLAND</td>
<td>Keratometry as predictive value in topography guided PRK and CXL in keratoconus eyes</td>
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<tr>
<td>D. Lin, S. Holland, J. Hogden, N. Davey</td>
<td>CANADA</td>
<td>Topography-guided photorefractive keratotomy and collagen cross-linking for post-LASIK ectasia.</td>
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<td>C. Malhotra, R. Balamurugan, A. Jain, A. Gupta, J. Ram</td>
<td>INDIA</td>
<td>Short-term comparison of transepithelial corneal collagen cross linking (TECXL) and contact lens assisted corneal collagen cross linking (CACXL) for progressive keratoconus with thin corneas</td>
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<td>M.B. Mekki, S. Yahiaoui, O. Titah, A. Taibi, R. Bouguerfa</td>
<td>ALGERIA</td>
<td>Hydrops: not that bad</td>
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<td>B. Mohamed, S. Asmaa, O. Yousra</td>
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<td>Stability of intra corneal rings in keratoconus</td>
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<td>P. Padmanabhan, P. Vasant Kataria, V. Padmanabhan</td>
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<td>Displayed keratometry in eyes with keratoconus – can they be misleading?</td>
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<td>E. Pedrotti, C. Chierego, E. Bonacci, T. Merz, P.M. Talli, J. Bonetto Marchini</td>
<td>ITALY</td>
<td>Restoration of normal morphology in corneal ectasia by insertion of a stromal lenticule created by femtosecond laser: an ex vivo preclinical study</td>
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<td>K. Pershin, N. Pashinova, A. Tsyganov, L. Batalina, E. Gurumizov, S. Legkikh</td>
<td>RUSSIA</td>
<td>Analysis of keratoconus surgical treatment with intrastromal rings implantation and corneal cross linking</td>
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<td>R. Rajagopal, N. Narayanan, S. Agarwal, L. Therase</td>
<td>INDIA</td>
<td>Bacterial keratitis following collagen cross linking (CXL): why and how do we manage?</td>
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<td>G. Rocha, V. Penner, K. Lewis</td>
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<td>Reduced high order aberrations (HOA) using wavefront-guided partial photorefractive keratotomy and accelerated epithelium-off corneal collagen crosslinking for keratoconus</td>
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<td>P. Rosetta, R. Vinciguerra, E. Legrottaglie, V. Romano, R. Piscopo, E. Morenghi, P. Vinciguerra</td>
<td>ITALY</td>
<td>Transepithelial iontophoresis collagen cross linking versus iontophoresis CXL with epithelial debridement versus standard CXL: one year clinical results of a prospective clinical study</td>
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<td>D.G. Said, M. Messina, A. Ross, H.S. Dua</td>
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<td>Corneal scarring and severe haze associated with accelerated collagen crosslinking</td>
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<td>E. Usubov, M. Bikkov, K. Titoyan, V. Surkova, R. Khikmatullin</td>
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<td>Assessment of the significance of ratios obtained with the use of orbscan corneal topography system in diagnostics of subclinical keratoconus</td>
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<td>E. Usubov, M. Bikkov, V. Surkova, L. Khalimova, N. Zainullina, K. Titoyan</td>
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<td>Long-term results of standard corneal cross linking with progressive keratoconus</td>
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<td>A. Vega-Estrada, P. Sanz Dies, J. Alío</td>
<td>SPAIN</td>
<td>Corneal posterior surface characterization in normal and keratoconus patients according to the degree of visual limitation</td>
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<td>R. Vinciguerra, R. Ambrosio, C.J. Roberts, C. Azzolini, P. Vinciguerra</td>
<td>UK</td>
<td>Biomechanical characterization of subclinical keratoconus without topographic or tomographic abnormalities</td>
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<td>S. Watson, M. Daniell, E. Chan, A. Herrera-Bond, V. Nguyen, A. Dinh Garcia</td>
<td>AUSTRALIA</td>
<td>The outcomes of corneal cross linking for keratoconus from routine clinical practice: results from the save sight registries keratoconus</td>
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Keratoprosthesis

O. Al-Shymali, J. Alio SPAIN
KeraKlear keratoprosthesis implantation surgical techniques: intralamellar and epideriscemometical options

A. Arteaga, G. Amescua, A. Cruzat, M.S. Cortina, J. Hallak, V. Perez De La Cruz USA
Pan-American experience in Boston keratoprosthesis type 1: PanKPRO study

A. Arteaga, M. Lindsay, A. Ahmad, M. Soledad Cortina, T. Vajaranant USA
The novo glaucoma in Boston keratoprosthesis type 1: patient characteristics and outcomes

Keratoprosthesis surgery in Morocco: a case report

S. Fung, S. Jabbour, R. Tan, P. Hamel, M. Harissi-Dagher, K. Baig Ali CANADA
Complications of type 1 Boston keratoprosthesis in children

L. Hoffart, G. Ho Wang Yin, L. Guyot FRANCE
Chondro-keratoprosthesis

A. Orive Bañuelos, M.E. Gonzalez Montpetit, R. Feijoo Lera, A. Santamaria Carro, J. Etxebarria Eceñarro SPAIN
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E. Torres Netto, L. Silva, M. Riveros, L. Sousa, L. Oliveira SWITZERLAND
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M. Kamel EGYPT
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S. Ishikawa, K. Murayama, N. Kato **JAPAN**
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The efficacy and safety of diamond burr polishing versus phototherapeutic keratectomy in treatment of recurrent corneal erosion
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T. Snaebjörnsson Arnljóts, P. Montan, E.D. Kopp, B. Samolov **SWEDEN**
Autologous transplantation of oral mucosa and limbal stem cells in ocular burn injury: a case series

M. Taylor, C. Baxter, J. Retzler, A. Smith **UK**
Health related quality of life and drivers of health utility for adult patients with moderate to severe limbal stem cells deficiency due to ocular burns: a standard gamble study in the UK population

M. Tsatsos, A. Matou, N. Ziakas **UK**
Safety and efficacy of hypertonic sodium chloride 5% ointment for recurrent corneal erosion syndrome

A.K. Verma, A. Chauhan, R. Tuli, A. Dogra **INDIA**
Comparison between suture technique and autologous blood fibrin in pterygium surgery performed with conjunctival autograft

P. Vinciguerra, R. Vinciguerra, S. Trazza, F.I. Camesasca **ITALY**
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Autologous platelet-rich plasma eye drops for the treatment of neurotrophic ulcers

Tear Film

J. Cardigos, S. Crisostomo, V. Maduro, J. Vaz Pinto, F. Barcelos, P. Candelaria Alves **PORTUGAL**
Sicca syndrome – disease continuum: anatomical, functional and systemic assessment

A. Cassan, B. Cochener **FRANCE**
Meibomian gland dysfunction in refractive surgery: interference and preventative measure

Á. Füst, L. Imre, Z.Z. Nagy **HUNGARY**
Is it possible to use non-invasive tear break-up time test on post keratoplasty eyes?

E.M. Messmer, F. Larkin **GERMANY**
First results of a randomised controlled trial to evaluate the use of a novel preservative-free hyaluronic acid-trehalose combination treatment for dry eye

A. Ogundele, H. Ketelson, R. Rangarajan **USA**
The effect of a novel hydroxypropyl-guar phospholipid nanoemulsion based artificial tear solution in in vitro and ex vivo corneal epithelium models

L. Troichenko, G. Drozhzhyna **UKRAINE**
The treatment of dry eye syndrome with novel eye drops containing trehalose
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EXHIBITION

& SATELLITE Meetings
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Registration Hall
Thursday 5 October  12.00 – 18.00
Friday 6 October  07.00 – 18.30
Saturday 7 October  07.00 – 18.00

Speaker Check-in
Meeting Center, Level 1
Thursday 5 October  12.00 – 18.00
Friday 6 October  07.00 – 18.30
Saturday 7 October  07.00 – 18.00

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3 hours prior to their session

Exhibition
Pavilion 3
Friday 6 October  09.00 – 18.00
Saturday 7 October  09.00 – 18.00

Annual General Meeting
Room 3.6, Pavilion 3
Friday 6 October  15.30 – 16.00
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ATM
Registration Hall & Pavilion 3

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Cloakroom
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Neurotrophic keratopathy: Time to think differently

Moderator: Dr Mark Porter, UK

Introduction
Dr Mark Porter

How well do we know neurotrophic keratopathy?
Dr Mark Porter

A new focus on neurotrophic keratopathy: The ophthalmologist’s perspective
Professor Harminder S.Dua, UK

Recombinant human NGF: Pivotal trials data
Professor Gerd Geerling, Germany
and Professor Paolo Rama, Italy

Panel discussion and closing
Dr Mark Porter
EUROTIMES SATELLITE EDUCATION PROGRAMME

Friday 6 October
Lunchtime Symposia
13.00 – 14.00
Room 3.2
Ocular Burn Treatment:
From Acute Phase to Reconstruction
Moderators: P. Rama ITALY
J. Hjortdal DENMARK
Sponsored by: Chiesi

13.00 – 14.00
Room 3.5
Ocular Surface Disease and Severe Keratitis:
Challenges and Clinical Perspectives
Moderator: F. Kruse GERMANY
Sponsored by: Santen

Saturday 7 October
Lunchtime Symposia
13.00 – 14.00
Room 3.2
Neurotrophic Keratopathy:
Time to thiNK Differently
Moderator: M. Porter UK
Sponsored by: Dompé

13.00 – 14.00
Room 3.5
Optimising the Ocular Surface for Surgery
Moderator: G. Gazzard UK
Sponsored by: Théa

13.00 – 14.00
Room 3.6
Ocular Surface Disease: Accurately
Diagnose & Effectively Treat Your
Cataract Patients
Moderators: B. Cochener FRANCE
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