5th EuCornea Congress
LONDON
12-13 September 2014
Programme
6th EuCornea Congress
BARCELONA
4 – 5 September 2015
www.eucornea.org
EuCornea Board

President
José Güell SPAIN

President Elect
François Malecaze FRANCE

Immediate Past President
Harminder S. Dua UK

Secretary
Beatrice Cochener FRANCE

Treasurer
Ulf Stenevi SWEDEN

Gunther Grabner AUSTRIA
Jesper Hjortdal DENMARK
Friedrich Kruse GERMANY
George Kymionis GREECE
Marc Labetoulle FRANCE
Leonardo Mastropasqua ITALY
Rudy Nuijts THE NETHERLANDS
Vincenzo Sarnicola ITALY
Theo Seiler SWITZERLAND
Marie-José Tassignon BELGIUM
Gabriel van Rij THE NETHERLANDS
Message from the President

José Güell
President EuCornea

Dear Colleagues,

On behalf of the Board and Officers of EuCornea, it is my great pleasure to welcome you to the 5th EuCornea Congress here in London, United Kingdom.

EuCornea is delighted to be partnering its annual meeting in London with the ESCRS and EURETINA, creating a unique opportunity for delegates to benefit from three excellent scientific programmes, establishing an educational hub in the ExCeL over the coming days.

This collaboration has resulted in a joint symposium with ESCRS on ‘Corneal Cross-linking: Safety, Efficacy and the Unexpected’, which will take place on Saturday morning.

The 5th EuCornea Congress promises to deliver an excellent programme, which includes world leaders in the field of cornea and ocular surface disease. The programme will this year include eleven symposia, four courses and nine free paper sessions. The highlight of the Congress is the Keynote Symposium - EUROKERATOCONOUS III ‘Current controversies and hot topics in keratoconus’.

The Society has established a tradition of inviting the EuCornea President in the final year of term to give the EuCornea Medal Lecture. Consequently, I am honoured, privileged and delighted to be giving a lecture at this Congress on ‘Deep Anterior Lamellar: The Best Keratoplasty Option in Keratoconic Eyes?’.

Finally I would like to thank all organisers and speakers for their invaluable role in creating such a high caliber scientific programme for the 5th EuCornea Congress.

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

Yours sincerely,

José Güell
President EuCornea
### Friday 12 September

<table>
<thead>
<tr>
<th>Time</th>
<th>PLATINUM ROOM 1 &amp; 2 (Level 3)</th>
<th>PLATINUM ROOM 3 (Level 3)</th>
<th>PLATINUM ROOM 4 (Level 3)</th>
<th>Breaks/Lunch</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>FREE PAPER 1 Infection &amp; Inflammation</td>
<td>FREE PAPER 2 Ocular Surface</td>
<td>FREE PAPER 3 Keratoconus &amp; CXL</td>
<td></td>
</tr>
<tr>
<td>09.00</td>
<td>SYMPOSIUM 1 Comprehensive Viral Infectious Keratitis</td>
<td>SYMPOSIUM 2 What’s New in The Management of Dry Eye?</td>
<td>COURSE 1 What Can Go Wrong in Lamellar Surgery?</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td>SYMPOSIUM 3 New &amp; Future Medical Treatments of Corneal Diseases</td>
<td>SYMPOSIUM 4 Lasers in Cornea Surgery</td>
<td>COURSE 2 Stem Cell Therapy for Ocular Surface Reconstruction</td>
<td></td>
</tr>
<tr>
<td>11.00</td>
<td>LUNCH</td>
<td>INDUSTRY SPONSORED SATELLITE MEETING</td>
<td>INDUSTRY SPONSORED SATELLITE MEETING</td>
<td></td>
</tr>
<tr>
<td>12.00</td>
<td>SYMPOSIUM 5 KEYNOTE SYMPOSIUM Eurokeratoconus III Current Controversies &amp; Hot Topics in Keratoconus</td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
<td>AGM (Members Only)</td>
<td></td>
</tr>
<tr>
<td>13.00</td>
<td>SYMPOSIUM 6 New Research in Cornea</td>
<td>SYMPOSIUM 7 New Trends in Endothelial Transplantation</td>
<td>COURSE 3 Techniques for Evaluating Dry Eye</td>
<td></td>
</tr>
<tr>
<td>14.00</td>
<td>LUNCH</td>
<td>INDUSTRY SPONSORED SATELLITE MEETING</td>
<td>LUNCH</td>
<td></td>
</tr>
<tr>
<td>15.00</td>
<td>FREE PAPER 10 Update in K-Pro Management</td>
<td>FREE PAPER 11 Imaging &amp; CL</td>
<td>FREE PAPER 9 Keratoprosthesis</td>
<td></td>
</tr>
<tr>
<td>16.00</td>
<td>SYMPOSIUM 11 Limbal Stem Cell Harvest, Stem Cell Banks &amp; Corneal Donation Practice</td>
<td>COURSE 4 Corneal Imaging Update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17.00</td>
<td>WELCOME RECEPTION</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Saturday 13 September

<table>
<thead>
<tr>
<th>Time</th>
<th>PLATINUM ROOM 1 &amp; 2 (Level 3)</th>
<th>PLATINUM ROOM 3 (Level 3)</th>
<th>PLATINUM ROOM 4 (Level 3)</th>
<th>BOULEVARD A (Level 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>FREE PAPER 4 Basic Science</td>
<td>FREE PAPER 5EK &amp; PK</td>
<td>FREE PAPER 6 Corneal Complications</td>
<td>SYMPOSIUM 6 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>09.00</td>
<td>SYMPOSIUM 6 New Research in Cornea</td>
<td>SYMPOSIUM 7 New Trends in Endothelial Transplantation</td>
<td>COURSE 3 Techniques for Evaluating Dry Eye</td>
<td>AGM (Members Only)</td>
</tr>
<tr>
<td>10.00</td>
<td>BREAK</td>
<td></td>
<td></td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>11.00</td>
<td>SYMPOSIUM 9 Cell Based Therapy</td>
<td></td>
<td></td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>12.00</td>
<td>LUNCH</td>
<td>INDUSTRY SPONSORED SATELLITE MEETING</td>
<td>LUNCH</td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>13.00</td>
<td>FREE PAPER 7 DALK &amp; PK</td>
<td>FREE PAPER 8 Imaging &amp; CL</td>
<td>FREE PAPER 9 Keratoprosthesis</td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>14.00</td>
<td>BREAK</td>
<td></td>
<td></td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>15.00</td>
<td>SYMPOSIUM 10 Update in K-Pro Management</td>
<td>SYMPOSIUM 11 Limbal Stem Cell Harvest, Stem Cell Banks &amp; Corneal Donation Practice</td>
<td>COURSE 4 Corneal Imaging Update</td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>16.00</td>
<td></td>
<td></td>
<td></td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
<tr>
<td>17.00</td>
<td></td>
<td></td>
<td></td>
<td>SYMPOSIUM 8 EUCORNEA/ESCRS SYMPOSIUM Corneal Cross-linking: Safety Efficacy &amp; The Unexpected</td>
</tr>
</tbody>
</table>
OPENING CEREMONY

Friday 12th September

Platinum Room 1&2 (Level 3)

17.00 – 18.00

17.00  J. Güell  SPAIN, PRESIDENT, EUCORNEA
Introduction and Welcome Address

17.05  C. MacEwen  UK
President, The Royal College of Ophthalmologists

17.10  D. Tan  SINGAPORE
President, Asia Cornea Society

17.15  J. Güell  SPAIN
EuCornea Medal Lecture

17.45  H. Dua  UK, PAST PRESIDENT, EUCORNEA
Presentation of EuCornea Medal

17.50  F. Malecaze  FRANCE, PRESIDENT ELECT, EUCORNEA
Presentation of Plaque

17.55  J. Güell
Best Poster Award

Followed by a Welcome Reception in the Exhibition Area, (Level 2)

EuCornea Medal Lecture

Deep Anterior Lamellar: The Best keratoplasty Option in Keratoconic Eyes?

José Güell  SPAIN

Dr. José Güell is the Founding–Partner of IMO and Director of the Cornea and Refractive Surgery Department. Associate Professor of Ophthalmology at the Autonoma University of Barcelona, Scientific Co-ordinator and Professor of the Anterior Segment activities at ESASO, European School for Advanced Studies in Ophthalmology, Lugano and President of EuCornea and Past President of the ESCRS. He has published approximately 170 articles in National and International Journals about Corneal and Refractive issues as well as lecturing around the world during the last 20 years.
Friday 12 September

**Platinum Room 1&2 (Level 3)**

08.00 – 09.00

Free Paper Session 1

**Infection & Inflammation**

**Moderators:**
- B. Früh, Switzerland
- J. Armitage, UK

08.00  O. Vasilyeva, D. Maychuk, S. Aksenova, Russia
Evaluation of efficacy of cyclosporine 0.05% eye drops application in the complex therapy of corneal infiltrates recurrence after adenoviral keratoconjunctivitis

08.06  R. Hussain, S. Ghosh, M. Mathew, V. Savant, J. Prydal, UK
Acanthamoeba keratitis, the Leicester experience

08.12  F. Arnalich-Montiel, B. Lumbreras-Fernandez, C. Martín-Navarro, B. Valladares, R. Lopez-Velez, R. Morcillo-Laiz, J. Lorenzo-Morales, Spain
Acanthamoeba keratitis - influence of genotype on clinical course and outcomes

08.18  J. Van Rooij, L. Remejier, A. Geerards, T. van Goor, Netherlands
Effectiveness of intra-operative antibiotic prophylaxis for corneal grafting procedures

08.24  M. Watson, J. Dart, J. Setterfield, D. Minassian, V. Lund, G. Sandhu, UK
A cross sectional study of mucous membrane pemphigoid (MMP)

08.30  F. Hafezi, Z. Gatzioufas, L. Ittner, Switzerland
Role of TGF-β and IL-6 in the corneal inflammatory response after phototherapeutic keratectomy in vivo

08.36  M. Chornobai, O. Zborovska, Ukraine
Combination of methylene blue with low-power laser in the treatment of experimental (mixed flora) bacterial keratitis

08.42  S.P. Chow, S. Cook, D. Tole, UK
Long-term outcomes of high-risk keratoplasty in patients receiving systemic immunosuppression

**Discussion**

09.00  End of session

**Platinum Room 3 (Level 3)**

08.00 – 09.00

Free Paper Session 2

**Ocular Surface**

**Moderators:**
- B. Cochener, France
- E. Mrukwa-Kominek, Poland

08.00  P. Mathewson, J. Hodson, S. Watson, G. Williams, S. Rauz, UK
An international ocular surface disease scoring system (OSDISS) - defining activity and damage by a Delphi consultation

08.06  L. Schmetterer, D. Schmid, S. Kayaa, K. Napora, R. Werkmeister, G. Garhöfer, Austria
Measurement of tear film thickness using ultra-high resolution OCT in patients with dry eye syndrome

08.12  O. Buznyk, M. Islam, N. Pasychnikova, S. Lakymenko, M. Griffith, Ukraine
Collagen-phosphorylcholine corneal implants for ulcer treatment - first results from a pilot study

08.18  M. Elalfy, H. Dua, UK
Amnion-assisted conjunctival epithelial redirection (ACER)

08.24  M. Passilongo, E. Pedrotti, G. Parisi, A. Fasolo, R. Mastropasqua, G. Marchini, Italy
Molecular markers and confocal microscopy outcomes in corneal surface regeneration by autologous cultures of limbal cells graft

08.30  G. Giannaccare, P. Versura, M. Buzzi, A. Terzi, C. Velati, E. Campos, Italy
Cord blood serum (CBS) versus peripheral serum (PS)- the first intra-individual comparison in growth factors (GF) content

08.36  P. Tomlins, J. Nunnick, R. Malladi, S. Rauz, J. Curnow, UK
Characterisation of the ocular surface luekocyte populations before and after haemopoietic stem cell transplant in patients with and without ocular disease

08.42  M. Ahad, S. Cook, D. Tole, UK
Topical tacrolimus in the management of refractory allergic eye diseases

08.48  B. Kulkarni, A. Hopkinson, H. Dua, UK
Characterisation of the stem cells on the human ocular surface epithelium with gene network profiling

08.54  Discussion

09.00  End of session
Platinum Room 4 (Level 3)
08.00 – 09.00
Free Paper Session 3

Keratoconus & CXL

Moderators:  D. Epstein SWITZERLAND  
             G. Kymionis GREECE

08.00  M. Cassagne, C. Laurent, E. Spoerl, A. Thevenin, M. Porterie, F. Malécaze FRANCE
        Transepithelial corneal collagen crosslinking – iontophoresis technique evaluation in a rabbit model

08.06  I. Delafoy, M. Cassagne, P. Fournié, F. Malécaze, B. Cochener FRANCE
        Transepithelial corneal collagen crosslinking using iontophoresis – preliminary clinical results

08.12  M. Lanzini, R. Calienno, M. Colasante, R. Turilli, M. Nubile, L. Mastropasqua ITALY
        Corneal collagen crosslinking with ionthophoresis imbition - clinical and morphological results

08.18  S. Holland, D. Lin, G. Moloney, J. Tan CANADA
        Refractive and safety outcomes of a large study of topography-guided photorefractive keratectomy with simultaneous cross-linking for keratoconus

08.24  P. Ramos, I. Láins, A. Martins Rosa, M.F. Silva, M.P. Silva, M.J. Quadrado, J. Murta PORTUGAL
        Intrastromal corneal ring segments for keratoconus – impact in visual function and quality of life

08.30  S. Holland, D. Lin, G. Moloney, J. Tan CANADA
        Outcome of topography-guided photorefractive keratectomy with simultaneous cross-linking for ectasia after laser assisted in situ keratomileusis

08.36  A. Vega Estrada, J. Alio, J. Silvestre, F. Rodriguez SPAIN
        Interaction and distribution of SWCNTs and graphene within collagen fibers of the corneal stroma

08.42  Discussion

09.00  End of session

Platinum Room 1&2 (Level 3)
09.00 – 10.30
Symposium 1

Comprehensive Viral Infectious Keratitis

Moderators:  M. Labetoulle FRANCE  
             M.J. Tassignon BELGIUM

09.00  C. Debak FRANCE
        Diagnostics of infectious keratitis (biological and other tests)

09.15  J. Messerli SWITZERLAND
        Defense mechanisms of the cornea /risk factors for infectious keratitis/immunological response

09.30  M. Labetoulle FRANCE
        Therapies against herpes-zoster: What’s new?

09.45  C. Koppen BELGIUM
        Adenoviral keratoconjunctivitis in everyday practice

10.00  M. Ang SINGAPORE
        CMV endotheliitis and corneal transplantation

10.15  Discussion

10.30  End of session
Friday 12 September

Platinum Room 3 (Level 3)
09.00 – 10.30
Symposium 2

What’s New in the Management of Dry Eye?

Moderators: H. Dua UK  
A. Young HONG KONG

09.00 V. Jhanji HONG KONG  
Dry eye diagnostics: What’s new?

09.15 J. Duran SPAIN  
Understanding dry eyes: What’s new?

09.30 P. McCluskey AUSTRALIA  
Medical management of dry eye: from old to new

09.45 D. Said EGYPT  
Surgical management of dry eye: What to do?  
Is there anything new?

10.00 S. Watson AUSTRALIA  
What else is new? Pipeline products

10.15 Discussion

10.30 End of session

Platinum Room 4 (Level 3)
09.00 – 10.30
Instructional Course 1

What can go wrong in Lamellar Surgery?

Moderators: J. Güell SPAIN  
R. Nuijts THE NETHERLANDS

09.00 A. Sabala SPAIN  
Case Report 1

09.10 A. Villarrubia SPAIN  
Case Report 2

09.20 J. Güell SPAIN  
Case Report 3

09.30 T. Katamish EGYPT  
Case Report 4

09.40 B. Allan UK  
Case Report 5

09.50 R. Nuijts THE NETHERLANDS  
Case Report 6

10.00 S. Hannush USA  
Case Report 7

10.10 Discussion

10.30 End of course

Platinum Room 1&2 (Level 3)
11.00 – 12.30
Symposium 3

New and Future Medical Treatments of Corneal Diseases

Moderators: B. Cochener FRANCE  
F. Malecaze FRANCE

11.00 H. Dua UK  
Treatment algorithm for recurrent erosion syndrome

11.15 J.L. Bourges FRANCE  
New hope in the medical treatment of Fuchs dystrophy?

11.30 C. Cursiefen GERMANY  
Can we control corneal neovascularization?

11.45 P.J. Pisella FRANCE  
How I approach my most challenging dry eye patients

12.00 M. Nubile ITALY  
Modern strategies in the management of neurotrophickeratities

12.15 Discussion

12.30 End of session
Platinum Room 3 (Level 3)
11.00 – 12.30
Symposium 4
Lasers in Cornea Surgery
Moderators: L. Mastropasqua ITALY
R. Nuijts THE NETHERLANDS

11.00 G. Thuret FRANCE
FS laser endothelial keratoplasty: an alternative approach

11.15 J. Alio SPAIN
Intracorneal ring segments for keratoconus: mechanical versus femtosecond-assisted procedures

11.30 L. Mastropasqua ITALY
Intrastromal femtosecond surgery with refractive lenticule extraction: advantages and limitations

11.45 S. Yoo USA
FS laser correction of regular and irregular corneal astigmatism

12.00 C. Chan CANADA
Shaped penetrating and anterior lamellar keratoplasty: do we have advantages over manual technique?

12.15 Discussion
12.30 End of session

Platinum Room 4 (Level 3)
11.00 – 12.30
Instructional Course 2
Stem Cell Therapy for Ocular Surface Reconstruction
Moderator: V. Borderie FRANCE

11.00 F. Majo SWITZERLAND
Renewal and differentiation of the ocular surface epithelium

11.15 S. Ferrari ITALY
Production of cultured stem cells for transplantation

11.30 P. Rama ITALY
Transplantation of cultured autologous stem cells

11.45 A. Shortt UK
Transplantation of cultured allogeneic stem cells

12.00 V. Borderie FRANCE
Cultured stem cell versus limbal tissue transplantation

12.15 Discussion
12.30 End of course
Friday 12 September

Platinum Room 1&2 (Level 3)
14.00 – 17.00

EUROKERATOCONUS III
LONDON 2014
Current Controversies and Hot Topics in Keratoconus

Chairpersons: J. Güell SPAIN
               F. Malecaze FRANCE

14.00 Official Opening

14.10 Diagnosis of Forme Fruste Keratoconus
Moderators: L. Laroche FRANCE
           D. Tan SINGAPORE

14.10 D. Reinstein UK
Keratoconus detection by corneal epithelial thickness mapping

14.18 R. Ambrosio BRAZIL
Corneal topo & tomographic parameters: artificial intelligence for the detection of FFKC

14.26 C. Roberts USA
Biomechanical properties of keratoconus suspect eyes

14.34 R. Gaster USA
Defining disease progression

14.42 Discussion

14.50 Corneal Collagen Crosslinking
Moderators: D. Stulting USA
           D. Touboul FRANCE

14.50 T. Seiler SWITZERLAND
Higher fluence

14.58 A. Caporossi ITALY
Epi-on: how to get riboflavin into the cornea?

15.06 M. Mrochen SWITZERLAND
New strategy for evaluating cross linking: Brillouin optical microscopy

15.14 F. Hafezi SWITZERLAND
Is CXL oxygen-dependent? Does pulsed CXL work?

15.22 Discussion

15.30 Corneal Reshaping (Contact Lenses and Intracorneal Rings)
Moderators: F. Kruse GERMANY
           J.A. Pereira Gomes BRAZIL

15.30 C. Koppen BELGIUM
Redefining contact lens intolerance in keratoconus: new developments in contactology

15.44 F. Malet FRANCE
Contact lens fitting after keratoconus surgery (CXL, intra-corneal rings, KLAP)

15.54 M.X. Nuñes COLOMBIA
Modern concept of ICRS for keratoconus

16.02 Discussion

16.10 New Treatments and Technologies for KC
Moderators: J. Güell SPAIN
           A. Young HONG KONG

16.10 J.A. Pereira Gomes BRAZIL
Combined PRK and CXL

16.18 G. Kymionis GREECE
CXL in refractive laser surgery. Combination procedures – dos & don’ts

16.26 B. Cochener FRANCE
Phakic IOLs in keratoconus

16.34 P. Fournier FRANCE
New management of acute hydrops in keratoconus

16.42 Discussion

16.50 Final Conclusion

17.00 End of session
Platinum Room 1&2 (Level 3)
08.00 – 09.00
Free Paper Session 4

Basic Science

Moderators:  T. Fuchsluger GERMANY
             M. Labetoulle FRANCE

08.00  Z. Gatziofas, X. Song, N. Szentmáry, A. Langenbacher, B. Seitz UK
       Cell proliferation, viability, growth factor and interferlein secretion by normal human keratocytes and keratoconic keratocytes after hormone treatment in vitro

08.06  Z. He, N. Suffee, N. Campolmi, F. Forest, M. Pecol’h, P. Gain, G. Thuret FRANCE
       Human induced pluripotent stem cells (hiPSC)-derived endothelial cells - new opportunity for corneal biengineering

08.12  L. Figueira, C.S. Ferreira, J. Afonso, P. Serrão, F. Falcão-Reis, D. Moura PORTUGAL
       Neuronal origin of noradrenaline in the cornea - a clue to the topography of sympathetic nerves

08.18  H. Anwar, A. Raj, E. Sykakis, M. Figueiredo, F. Figueiredo UK
       The ocular hypertensive response to topically administered corticosteroids after corneal transplantation

08.24  Z. He, A. Moulard, N. Campolmi, N. Suffee, F. Forest, P. Gain, G. Thuret FRANCE
       Bioengineering of endothelial grafts using femtosecond laser cut corneal lamellae or collagen lenticules, endothelialized with immortalized or hiPSC-derived endothelial cells

08.30  J. Alio, A. Rodriguez, M. El Bahrawy SPAIN
       Long term stability of keratopigmentation

08.36  R. Mencucci, C. Boccalini, E. Favuzza, L. Cavone, A. Chiarugi ITALY
       Coenzyme Q10 eye drops prevent UVB induced cell death and increase wound healing by boosting mitochondrial function

08.42  M. Elalfy, V. Dhillon, H. Dua UK
       Corneal nerves in eye bank preserved corneas

08.54  Discussion

09.00  End of session

Platinum Room 3 (Level 3)
08.00 – 09.00
Free Paper Session 5

EK & PK

Moderators:  L. Mastropasqua ITALY
             T. Seiler SWITZERLAND

08.00  S. Patel, S. Amin, K. Baratz, J. McLaren USA
       Early corneal abnormalities in Fuchs endothelial dystrophy

08.06  M. Claesson Armitage, J. Armitage SWEDEN
       Patient-reported outcome measures after corneal transplantation

08.12  S.Y. Koay, K. Shah, M. O’Gallagher, M. Wilkins, R. Angunawela UK
       Developing a pre-cut donor service for DSAEK

08.18  E. Sykakis, P. Georgoudis, E. Kettley, N. Jordan, S. Hamada, D. Lake UK
       Day-before vs same-day eye bank provided pre-cut tissue for DSAEK. A prospective single blinded randomised study

08.24  M. Dickman, J. Van Rooij, L. Remeijer, G. Van der Leij, R. Wijdh, F. Van Marion, R. Nuijts THE NETHERLANDS
       Preliminary results of a multicenter prospective randomized controlled trial comparing ultra-thin and standard thickness descemet stripping automated endothelial keratoplasty (DSAEK)

08.30  F. Contieri, F.J. Giménez Almenara, M. Arias Alcalá, R. García Catalán, J.M. Gallardo Galera SPAIN
       DSAEK, obtaining donor tissue with a new technique

08.36  M. Parekh, A. Ruzza, G. Salvalaio, S. Ferrari, D. Camposampiero, M. Busin, D. Ponzin ITALY
       A novel submerged hydro-separation technique for the preparation of Descemet’s membrane endothelial keratoplasty donor tissue in an eye bank

08.42  M. Muraine, Z. He, D. Toubeau, F. Chaventre, S. Lefebvre, G.P. Thuret FRANCE
       Validation of a novel device to make simpler preparation of endothelial graft for DMEK

08.48  Discussion

09.00  End of session
### Saturday 13 September

#### Platinum Room 4 (Level 3)

**08.00 – 09.00**

**Free Paper Session 6**

**Corneal Complications**

**Moderators:**  
H. Dua **UK**  
F. Malecaze **FRANCE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Country</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>S. Yahiaoui, M.B. Mekki, R. Belaoudmou</td>
<td>ALGERIA</td>
<td>Scleral lens to rescue corneal surgery failure</td>
</tr>
<tr>
<td>08.06</td>
<td>M. Diab</td>
<td>EGYPT</td>
<td>Long term efficacy and safety of interlasik in the pediatric population</td>
</tr>
<tr>
<td>08.12</td>
<td>A. Shojaei Baghini, M. Ramezanzadeh, K. Sheibani</td>
<td>IRAN</td>
<td>To evaluate the safety and efficacy of 5 seconds of mitomycin-C (MMC) application during photorefractive keratectomy (PRK) for low myopia</td>
</tr>
<tr>
<td>08.18</td>
<td>A. Shojaei Baghini, M. Esiani, M. Ramezanzadeh, K. Sheibani</td>
<td>IRAN</td>
<td>Effect of timolol on refractive outcomes in eyes with myopic regression after laser in situ keratomileusis- a prospective randomized clinical trial</td>
</tr>
<tr>
<td>08.24</td>
<td>M. Abrishami, H. Gharaeae, S. Zarei-Ghanavati</td>
<td>IRAN</td>
<td>Endothelial cell changes after photorefractive keratectomy with mitomycin C</td>
</tr>
<tr>
<td>08.30</td>
<td>N. Nassiri, K. Sheibani, S. Safi, N. Nassiri</td>
<td>IRAN</td>
<td>Effects of alcohol-assisted versus mechanical epithelial debridement on corneal endothelial cells after photorefractive keratectomy</td>
</tr>
<tr>
<td>08.36</td>
<td>A. Limão, T. Neuhann, F. Laureano, P. Guerra, L. Cardoso</td>
<td>PORTUGAL</td>
<td>Femtosecond laser arcuate keratotomy under flap for the correction of high astigmatism</td>
</tr>
<tr>
<td>08.42</td>
<td>H. Mohammad Rabei, M.A. Javadi, K. Sheibani</td>
<td>IRAN</td>
<td>A comparison of three methods for correction of corneal astigmatism during phaco surgery</td>
</tr>
<tr>
<td>08.48</td>
<td>A. Kavelina, A. Popandopulo</td>
<td>UKRAINE</td>
<td>Creation of three-dimensional bioconstruction corneal</td>
</tr>
<tr>
<td>08.54</td>
<td></td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>09.00</td>
<td></td>
<td></td>
<td>End of session</td>
</tr>
</tbody>
</table>
Platinum Room 3 (Level 3)
09.00 – 10.45
Symposium 7
New Trends in Endothelial Transplantation
Moderators: J. Güell SPAIN F. Larkin UK

09.00  H. Dua UK
      U. Schlötzen-Schrehardt GERMANY
      Posterior corneal anatomical implications

09.24  M. Mannis USA
      E. Holland USA
      Donor endothelium and age: the US long term study

09.36  I. Dapena THE NETHERLANDS
      Limitations of endothelial cell “counting” in DMEK/DSAEC

09.48  M. Busin ITALY
      The most advanced DSAEK technique: ultrathin approach

10.00  F. Larkin UK
      UK-wide results of posterior lamellar versus penetrating keratoplasty

10.12  S. Hannush USA
      Transition to DMEK: what we’ve learned from the experts

10.24  M. Morral SPAIN
      DMEK: 3 years postoperative endothelial cell count using SF6 20% vs no gas

10.36  Discussion

10.45  End of session

Platinum Room 4 (Level 3)
09.00 – 10.30
Instructional Course 3
Techniques for Evaluating Dry Eye
Moderator: J. Merayo SPAIN

09.00  J. Merayo SPAIN
      Clinical evaluation. Inervation matters? What’s new on evaluating dry eye?

09.15  P. Aragona ITALY
      Clinical Lab: Citology of the ocular surface & immunohystochemistry

09.30  D. Galarreta SPAIN
      Biomarkers in dry eye - rosacea biomarkers, dry eye biomarkers, mucin-CL biomarkers

09.45  K. Boboridis GREECE
      Assessing lid margin disease with dry eye in mind

10.00  E. Wylegala POLAND
      Imaging evaluation of dry eye - topography, aberrometry, OCT of cornea, conjunctiva, eye lids

10.15  Discussion

10.30  End of course
Saturday 13 September

Boulevard A (Level 1)
11.00 – 13.00
Symposium 8

EUCORNEA/ESCRS SYMPOSIUM
Corneal Cross-linking: Safety, Efficacy and the Unexpected

Chairpersons: B. Cochener FRANCE
H. Dua UK
R. Nuijts THE NETHERLANDS

11.00 H. Patrick UK
CONSULTANT CLINICAL ADVISOR FROM THE NICE INSTITUTE*
The safety and efficacy of cross-linking: The NICE assessment

11.15 F. Malecace FRANCE
Is the effect of cross-linking predictable in the long term?

11.30 Discussion

11.40 F. Raiskup GERMANY
Epi-on, epi-off, iontophoresis, high-power radiation, accelerated CXL: what is evidence based?

11.55 F. Hafezi SWITZERLAND
Unexpected corneal responses: haze, keratitis, melt. What are the risk factors?

12.10 Discussion

12.20 L. Mastropasqua ITALY
Enhancing CXL and CXL as an enhancer

12.35 B. Früh SWITZERLAND
Surprise, surprise: what cross-linking does to the corneal penetration of drugs

12.50 Discussion

13.00 End of session

Platinum Room 3 (Level 3)
11.00 – 12.30
Symposium 9

Cell Based Therapy

Moderators: F. Kruse GERMANY
S. Kinoshita JAPAN

11.00 F. Kruse GERMANY
Niche concepts for survival of transplanted cells in the cornea

11.15 P. Rama ITALY
Cell based ocular surface reconstruction

11.30 M. Griffith SWEDEN
Cell based stromal constructs

11.45 C. Connion ENGLAND
Using bioactive materials for fibroblast support: a bottom-up approach to corneal tissue engineering

12.00 S. Kinoshita JAPAN
Cultured endothelial cells for treatment of Fuchs dystrophy

12.15 S. Shimura JAPAN
How to use induced pluripotent stem cells (IPS) for corneal transplantation

12.30 End of session

*NICE = National Institute for Health and Care Excellence, UK
Saturday 13 September

Platinum Room 1&2 (Level 3)
14.00 – 15.00
Free Paper Session 7

DALK & PK

Moderators: A. Parthasarathy INDIA
V. Sarnicola ITALY

14.00 C. Cursiefen GERMANY
Aganirsen antisense oligonucleotide eye drops inhibit corneal neovascularization and reduce need for transplantation- the I-CAN study

14.06 C. Henein, M. Nanavaty UK
Deep anterior lamellar keratoplasty (DALK) versus penetrating keratoplasty (PK) for keratoconus- a systematic review

14.12 H. Hasani, S. Feizi, M. Zare, S. Hosseini, M. Rezaee Kanavi, S. Yazdani IRAN
Donor descemet-off versus descemet-on deep anterior lamellar keratoplasty- a confocal scan study

Deep anterior lamellar keratoplasty in children with advanced keratoconus

14.24 M. Elalfy, U. Fares, A. Mokashi, H. Dua UK
Sequential selective same day suture removal (SSSS) in the management of post keratoplasty astigmatism

14.30 V. Romano, A. Iovieno, G. Parente, A. Soldani, L. Fontana ITALY
Long term outcomes of deep anterior lamellar keratoplasty in keratoconus patients

14.36 T. Katamish EGYPT
Various types of big bubbles during DALK based on the pre-Descemet’s layer, Dua’s layer

14.42 A. Anshu, J. Mehta, H. Htoo, D. Tan SINGAPORE
Management of HSV keratitis with DALK and PK - a comparative study of graft survival and recurrence rates

14.48 Discussion

15.00 End of session

Platinum Room 3 (Level 3)
14.00 – 15.00
Free Paper Session 8

Imaging & CL

Moderators: J. Güell SPAIN
M.J. Tassignon BELGIUM

14.00 A. Iovieno, M. Ragazzi, M. De Luca, S. Piana, G. Argenziano, G. Gardini, L. Fontana ITALY
Ex vivo fluorescence confocal microscopy for intra-operative diagnosis and management of conjunctival neoplasia

14.06 B. Wowra, D. Dobrowolski, A. Nowinska, E. Wroblewska-Czajka, E. Wylegala POLAND
TD-OCT and in vivo confocal microscopy imaging in posterior polymorphous corneal dystrophy

14.12 A. Nowinska, E. Wylegala, D. Janiszewska POLAND
Comparative study of anterior eye segment measurement with time domain and spectral swept source optical coherence tomography in eyes with corneal dystrophies

14.18 M. Richardson, H. Mukherjee, E. Hollick UK
A pre-surgical grading system for Fuchs’ endothelial corneal dystrophy utilising morphological features

New biomechanical parameters differentiate corneas from young and older adult subjects

14.30 M. Abrishami, H. Gharaei IRAN
Anterior and posterior corneal curvature- normal values in healthy Iranian population obtained with the orbscan ll

14.36 J. Ashar INDIA
Comparison of various contact lenses for visual rehabilitation of keratoconus and irregular cornea

14.42 M. Bhargava, K. Molla, S. Bhargava INDIA
Application of Scheimpflug imaging system to facilitate RGP contact lens fitting in patients with corneal scar

14.48 C. Feinbaum, O. Daphnah, A. Marcovich SWEDEN
Innovative soft contact lens for treating corneal edema

14.54 Discussion

15.00 End of Session
**Saturday 13 September**

**Platinum Room 4 (Level 3)**

14.00 – 15.00
Free Paper Session 9

**Keratoprosthesis**

**Moderators:**
- M. Claesson Armitage **SWEDEN**
- F. Kruse **GERMANY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Authors</th>
<th>Country</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.00</td>
<td>J. Alio, A. Abdelghany, A. Vega Estrada, R. Fernández-Buenaga <strong>SPAIN</strong></td>
<td>Outcomes of an innovative intrastromal keratoprosthesis</td>
<td></td>
</tr>
<tr>
<td>14.06</td>
<td>J. Alió del Barrio, M. Chiesa, M. De Miguel, G. Gallego, N. Garagorri, J. Gómez Ribelles, N. Briz <strong>UK</strong></td>
<td>Biointegration of corneal macroporous membranes based on poly(ethyl acrylate) copolymers in an experimental animal model</td>
<td></td>
</tr>
<tr>
<td>14.12</td>
<td>Y. Shiuey, J. Vargas <strong>USA</strong></td>
<td>4 year results of a foldable artificial cornea for corneal blindness</td>
<td></td>
</tr>
<tr>
<td>14.18</td>
<td>K. Hille, K. Beck <strong>GERMANY</strong></td>
<td>Medium and longterm results in keratoprotheses with biological support</td>
<td></td>
</tr>
<tr>
<td>14.24</td>
<td>A. Kanellopoulos, C. Karabatsas <strong>GREECE</strong></td>
<td>Use of a novel model foldable artificial cornea for treatment of blindness due to severe ocular surface disease</td>
<td></td>
</tr>
<tr>
<td>14.30</td>
<td>A. Slomovic, C. Noel, D. Rootman, C. Chan, Y. Goldich <strong>CANADA</strong></td>
<td>Type 1 Boston keratoprosthesis - the Ontario experience</td>
<td></td>
</tr>
<tr>
<td>14.36</td>
<td>M. Soledad Cortina, J. de la Cruz <strong>USA</strong></td>
<td>Development of retroprosthetic membrane as a postoperative complication in patients with implanted Boston keratoprosthesis- a comparison between titanium and PMMA backplate models</td>
<td></td>
</tr>
<tr>
<td>14.42</td>
<td>J. de la Cruz, S. Cortina, K. Samarathan <strong>USA</strong></td>
<td>Biofilm formation and different surface adherences in explanted Boston Type I Keratoprostheses</td>
<td></td>
</tr>
</tbody>
</table>

14.48 Discussion

15.00 End of Session

**Platinum Room 1&2 (Level 3)**

15.30 – 17.00
Symposium 10

**Update in K-Pro Management**

**Moderators:**
- J. de la Cruz **USA**
- C. Liu **UK**

<table>
<thead>
<tr>
<th>Time</th>
<th>Authors</th>
<th>Country</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.30</td>
<td>V. Avadhanam <strong>UK</strong></td>
<td>OOKP laminar resorption</td>
<td></td>
</tr>
<tr>
<td>15.40</td>
<td>G. Ingavle <strong>UK</strong></td>
<td>Synthetic OOKP analogue</td>
<td></td>
</tr>
<tr>
<td>15.50</td>
<td>R. Tandon <strong>INDIA</strong></td>
<td>OOKP glaucoma</td>
<td></td>
</tr>
<tr>
<td>16.00</td>
<td>C. Liu <strong>UK</strong></td>
<td>Buccal mucous membrane alterations</td>
<td></td>
</tr>
</tbody>
</table>

**Boston KPRO Type I Management**

<table>
<thead>
<tr>
<th>Time</th>
<th>Authors</th>
<th>Country</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.10</td>
<td>E. Arrondo <strong>SPAIN</strong></td>
<td>Clinical &amp; surgical glaucoma management of BKPRO Type I</td>
<td></td>
</tr>
<tr>
<td>16.20</td>
<td>M. Soledad Cortina <strong>USA</strong></td>
<td>Management of retroprosthetic membranes &amp; melts management of BKPRO I</td>
<td></td>
</tr>
<tr>
<td>16.30</td>
<td>M. Wilkins <strong>UK</strong></td>
<td>Antibiotic prophylaxis, infections &amp; contact lens management of BKPRO I</td>
<td></td>
</tr>
<tr>
<td>16.40</td>
<td>S. Hannush <strong>USA</strong></td>
<td>Avoiding intraoperative complications, surgical approaches</td>
<td></td>
</tr>
<tr>
<td>16.50</td>
<td>J. de la Cruz <strong>USA</strong></td>
<td>Q &amp; A. Iris Management</td>
<td></td>
</tr>
</tbody>
</table>

17.00 End of session
Platinum Room 3 (Level 3)

15.30 – 17.00

Symposium 11

Limbal Stem Cell Harvest, Stem Cell Banks & Corneal Donation Practice

Moderator: J. Hjortdal DENMARK

15.30  S. Kinoshita JAPAN
Regeneration of the corneal endothelium

15.50  V. Borderie FRANCE
Changing face of corneal banks: inclusion of corneal stem cells

16.04  P. Rama ITALY
Patient selection & stem cell harvesting in limbal stem cell grafting

16.18  G. Pelligrini ITALY
A European limbal stem cell factory

16.32  B. Iliakis USA
Corneal donation practice in the US

16.46  A. Rijneweld THE NETHERLANDS
Corneal donation practice in The Netherlands

17.00  End of session

Platinum Room 4 (Level 3)

15.30 – 17.00

Instructional Course 4

Corneal Imaging Update

Moderator: L. Módis HUNGARY

15.30  L. Módis HUNGARY
Introduction

15.32  L. Módis HUNGARY
Scheimpflug tomography

15.44  M.J. Tassignon BELGIUM
Anterior segment OCT in corneal repair surgery

15.56  C. Cursiefen GERMANY
Intraoperative OCT

16.08  E. Szalai HUNGARY
Specular imaging & endothelial microscopy

16.20  E. Wylegała POLAND
Corneal confocal microscopy

16.32  N. Szentmáry GERMANY
Ocular surface thermography

16.44  Discussion

17.00  End of course
### Basic Science

**D. Dementiev, A. Zolotorevskiy** **ITALY**  
The use of the 1st independent Russian eye bank material (first outcomes)

**M. Diab** **EGYPT**  
Corneal anesthesia in childhood

**P. Gain, C. Jumelle, A. Bernard, N. Campolmi, E. Baubeau, G. Thuret, C. Mauclet** **FRANCE**  
Improvement of delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses

**M. Diab** **EGYPT**  
Anatomic and visual outcomes of corneal transplantation during infancy

**G. Drozhzhyna, T. Gaidamaka, O. Ivanovska, V. Ostashevski, B. Kogan, V. Usov** **UKRAINE**  
Step-penetrating keratoplasty in treatment of severe corneal ulcers

**A. Eslampoor, H. Khalshoor** **iran**  
Modified deep anterior lamellar keratoplasty for the treatment of advanced keratoconus with steep corneal curvature to help in eliminating the wrinkles in the Descemet’s membrane

**R. Fernández-Buenaga, J. Alio, A. Abdelghany, A. Vega-Estrada** **SPAIN**  
Manual versus femtosecond assisted deep anterior lamellar keratoplasty

**M. Goweida** **EGYPT**  
Big bubble deep anterior lamellar keratoplasty from the perspective of the novel predescemetic corneal layer

**P. Jain, R. Arora, A. Manudhane, P. Jain, J. Goyal, T. Garg, V. Veerwal** **INDIA**  
Complications of uneventful deep anterior lamellar keratoplasty

**C. Karabatsas, A. Kanellopoulos, G. Asimellis** **GREECE**  
Surgical evidence that a pre-Descemet’s cornea layer truly exists

**T. Katamish** **EGYPT**  
Double descemet’s membrane after penetrating keratoplasty, case report

**K. Knutsson, P. Rama, G. Paganoni** **ITALY**  
Manual dissection deep anterior lamellar keratoplasty compared to modified big-bubble technique for treatment of keratoconus

**V. Lemos, A. Cabugueira, M. Sá Cardoso, V. Maduro, J. Branco, J. Feijão** **PORTUGAL**  
Crescent anterior lamellar keratoplasty

**J. Matas, J. Torras** **SPAIN**  
Clinical experience with pre-cut ultrathin corneas for descemet stripping automated endothelial keratoplasty with Gebauer system

**S. Morselli, A. Toso** **ITALY**  
DSAEK after herpetic endothelitis

**E. Mrukwa-Kominek, L. Drzyzga, M. Sarnat** **POLAND**  
Deep anterior lamellar keratoplasty with the use of air and viscoelastic in very thin keratoconic cornea

**A. Mukherjee, S. Hayes, I. Aslanides, K. Meek** **UK**  
Donor crosslinking for keratoplasty- topographic outcomes in a porcine model

**T. Painhas, J. Salgado-Borges, P. Neves, P. Fernandes, J.M. González-Méijome** **PORTUGAL**  
New biomechanical properties in normal eyes and post-keratoplasty

**K. Pershin, N. Pashinova, L. Batalina** **RUSSIA**  
Femtosecond-assisted keratoplasty – clinical results and advantages of technique

### Contact Lenses

**C.S. Ferreira, L. Torrão, L. Figueira, J. Beato, R. Moreira, F. Falcão-Reis** **PORTUGAL**  
Visual rehabilitation with soft ex K contact lenses in patients undergoing corneal transplant or intracorneal rings

**G. Kaya, Y. Yilmaz** **TURKEY**  
Corneal resilience after discontinued soft contact lens wear

**N. Alqahtani, I. Subhan, M. Alharbi** **SAUDI ARABIA**  
Novel graft over host technique (Nawaf’s) to counter positive posterior pressure during penetrating keratoplasty

**H. Anwar, A. El-Danasoury** **UK**  
Visual outcomes in deep anterior lamellar keratoplasty complicated by Descemet membrane perforation

**R. Arora, A. Manudhane, P. Jain, J. Goyal, P. Jain** **INDIA**  
Advanced pellucid marginal degeneration - management options

**A. Atef** **EGYPT**  
Deep anterior lamellar keratoplasty – triple procedure- the avant-garde clinical application of the pre-Descemet’s layer (Dua’s layer)

**J. Beato, L. Torrão, L. Figueira, C. Ferreira, P. Gouveia, R. Moreira, F. Falcão-Reis** **PORTUGAL**  
Arcuate incisions with or without compressing sutures in the management of post penetrating keratoplasty astigmatism

**T. Bozkurt, B. Torun Acar, M. Akdemir, A. Bahadir Kilavuzoglu** **TURKEY**  
Visual acuity and quantitative assessment of residual stromal bed after deep anterior lamellar keratoplasty following failed big bubbles

**P. Chiam, V. Romano, S. Kaye** **UK**  
Rapid sequential suture removal in correcting corneal graft astigmatism

**M. Diab** **EGYPT**  
Anatomic and visual outcomes of corneal transplantation during infancy

**G. Drozhzhyna, T. Gaidamaka, O. Ivanovska, V. Ostashevski, B. Kogan, V. Usov** **UKRAINE**  
Step-penetrating keratoplasty in treatment of severe corneal ulcers

**A. Eslampoor, H. Khalshoor** **iran**  
Modified deep anterior lamellar keratoplasty for the treatment of advanced keratoconus with steep corneal curvature to help in eliminating the wrinkles in the Descemet’s membrane

**R. Fernández-Buenaga, J. Alio, A. Abdelghany, A. Vega-Estrada** **SPAIN**  
Manual versus femtosecond assisted deep anterior lamellar keratoplasty

**M. Goweida** **EGYPT**  
Big bubble deep anterior lamellar keratoplasty from the perspective of the novel predescemetic corneal layer

**P. Jain, R. Arora, A. Manudhane, P. Jain, J. Goyal, T. Garg, V. Veerwal** **INDIA**  
Complications of uneventful deep anterior lamellar keratoplasty

**C. Karabatsas, A. Kanellopoulos, G. Asimellis** **GREECE**  
Surgical evidence that a pre-Descemet’s cornea layer truly exists

**T. Katamish** **EGYPT**  
Double descemet’s membrane after penetrating keratoplasty, case report

**K. Knutsson, P. Rama, G. Paganoni** **ITALY**  
Manual dissection deep anterior lamellar keratoplasty compared to modified big-bubble technique for treatment of keratoconus

**V. Lemos, A. Cabugueira, M. Sá Cardoso, V. Maduro, J. Branco, J. Feijão** **PORTUGAL**  
Crescent anterior lamellar keratoplasty

**J. Matas, J. Torras** **SPAIN**  
Clinical experience with pre-cut ultrathin corneas for descemet stripping automated endothelial keratoplasty with Gebauer system

**S. Morselli, A. Toso** **ITALY**  
DSAEK after herpetic endothelitis

**E. Mrukwa-Kominek, L. Drzyzga, M. Sarnat** **POLAND**  
Deep anterior lamellar keratoplasty with the use of air and viscoelastic in very thin keratoconic cornea

**A. Mukherjee, S. Hayes, I. Aslanides, K. Meek** **UK**  
Donor crosslinking for keratoplasty- topographic outcomes in a porcine model

**T. Painhas, J. Salgado-Borges, P. Neves, P. Fernandes, J.M. González-Méijome** **PORTUGAL**  
New biomechanical properties in normal eyes and post-keratoplasty

**K. Pershin, N. Pashinova, L. Batalina** **RUSSIA**  
Femtosecond-assisted keratoplasty – clinical results and advantages of technique
Poster Presentations

M. Rego, M. Guerra, P. Cardoso, P. Ramos, A. Rosa, M. Quadrado, J. Murta PORTUGAL
Terrien marginal degeneration - crescent-shaped lamellar corneoscleral patch graft

P. Santorum, Y. Nahum, S. Madi, V. Scoria, M. Busin ITALY
Graft survival after 2-piece mushroom-shaped keratoplasty in eyes at high-risk for immunologic rejection – 5-years results

V. Sarnicola, E. Sarnicola, C. Sarnicola ITALY
DALK for keratoglobus - how to manage the disparity of the curvature between donor and recipient

J. Solana Fajardo, C. Fernández Miranda, F. Sánchez Aparicio SPAIN
Postkeratoplasty non-atopic sclerokeratitis

G. Sutton, C. Chan, C. Hodge AUSTRALIA
OCT-guided femtosecond laser entry incisions to augment the “Big-Bubble” technique for DALK in a keratoconus patient

S. Tomar, S. Saxena INDIA
Lamellar keratoplasty - indications and outcomes in a rural Indian scenario

B. Torun Acar, T. Bozkurt, M. Akdemir, S. Acar TURKEY
Successful big-bubble in deep anterior lamellar keratoplasty - keratoconus versus corneal dystrophies

E. Yildiz, M. Tunca TURKEY
Change in the vision-related quality of life after deep anterior lamellar keratoplasty

EK and PK

E. Abdullayev, M. Holguin USA
Suitability for transplantation of corneas from donors 80-85 years old

E. Abdullayev USA
Comparing changes of the central graft thickness of DSAEK grafts after microkeratome preparation and preserved in two different cold storage media

O. Arslan, C. Arici, C. Dogan, S. Mangan, M. Unal, I. Toker, B. Batu TURKEY
Longterm clinical outcome of Descemet’s stripping automated endothelial

F. Badala, L. Pisano, R. Mistò, F. Bergamini ITALY
Outcomes of Descemet membrane endothelial keratoplasty (DMEK) in complicated cases

S. Badawy EGYPT
Visual acuity and astigmatism assessment after femtosecond enabled keratoplasty

M. Barbany Rodriguez, A. Salvador Playà, I. Sassot Cladera, M. Barraso, A. García Ortega SPAIN
Relationship of visual acuity and graft thickness in Descemet stripping automated endothelial keratoplasty

A. Bernard, C. Macualair, E. Baubeau, N. Campolmi, A. Gauthier, G. Thuret, P. Gain FRANCE
Femtosecond laser endothelial graft cutting from endothelial side in a new corneal bioreactor with epithelial planation

A. Bernard, C. Macualair, E. Baubeau, N. Campolmi, A. Gauthier, G. Thuret, P. Gain FRANCE
Comparison of femtosecond laser cut of endothelial grafts with endothelial and epithelial planation

J. Brekelmans, M. Dickman, J. Holiman, C. Stoeger, F. Van Marion, T. Berendschot, R. Nuijts NETHERLANDS
Overseas transport and medium transfer of pre-peeled DMEK grafts

A. Del Hierro, A. Boto SPAIN
Complications and learning curve for Descemet stripping automated endothelial keratoplasty

J. Gatell SPAIN
DSEK vs DSAEK

S. Jones, M. Fajgenbaum, E. Hollick UK
Descemets stripping endothelial keratoplasty in iridocorneal endothelial syndrome – endothelial cell counts and graft survival

R. Jullienne, N. Campolmi, M. Haouas, Z. He, E. Crouzet, G. Thuret, P. Gain FRANCE
Topical treatment with a new matrix therapy agent (RGTA, CACICOL-20) improves epithelial wound healing after penetrating keratoplasty

J. Lie, E. Groeneveld - van Beek, K. Mangundap, C. de Kort, J. van der Wees, G. Melles NETHERLANDS
Amnitrans Eye Bank external tissue preparation- how to provide ready to use DMEK grafts, without investments by your eye bank

C. MacGregor, M. Tsatsos, P. Hossain, D. Anderson UK
Reasons for low visual outcome following DSEK

V. Maduro, J. Silva, P. Candelária PORTUGAL
Clinical outcomes in DSAEK with internationally shipped precut donor corneas

L. Marvanova, B. Muharram, B. Guzel, M. Zuleikha RUSSIA
Automated endothelial keratoplasty with an ultrafine transplant
Poster Presentations

M. Mathew, S. Ghosh, R. Hussain, A. Pradeep, V. Savant UK
Transition to Descemet's membrane endothelial keratoplasty (DMEK)- conquering the learning curve

E. Nielsen, J. Hjortdal, A. Ivarsen DENMARK
Objective and subjective difficulties experienced by Fuchs’ endothelial dystrophy patients- a comparison with cataract patients

J. Quadrado Gil, I. Lains, A. Leal, J. Cardoso, A. Rosa, M. Quadrado, J. Murta PORTUGAL
Descemet's stripping automated endothelial keratoplasty with grafts of less than 100 µm – visual and safety outcomes at eighteen months

M. Rajan, H. Roberts UK
Micro-thin Descemet's stripping automated endothelial keratoplasty – graft thickness and visual outcomes

M. Rajan, K. Rolev UK
A human corneal decompensation model to evaluate ex-vivo cultured allografts to restore corneal function

M. Sá Cardoso, A. Vicente, B. Borges, L. Vieira, R. Anjos, P. Candelária, J. Feijão PORTUGAL
Spontaneous reattachment of Descemet stripping automated endothelial keratoplasty lenticle- a case report

T. Semchyshyn USA
Combined Descemet's stripping automated endothelial keratoplasty and cataract surgery- a comparison of predicted and actual refractive outcomes

D. Stateva, A. Andreev, I. Borshukov BULGARIA
Clinical results after posterior lamellar keratoplasty

C. T. Santhirathelagan, S. Retnasabapathy MALAYSIA
Corneal transplantation – the Malaysian experience

G. Thuret, A. Bernard, N. Naigeon, T. Nangoum-Fosso, Z. He, N. Campolmi, R. Gain FRANCE
Revisiting corneal storage using an innovative bioreactor

G. Thuret, G. Pataia, A. Gauthier, M. Trone, A. Bernard, T. Lepine, P. Gain FRANCE
Integration of current and development of future quality controls for corneas stored in an innovative bioreactor

S. Tomar INDIA
Indications and outcome of penetrating keratoplasty at a tertiary care centre in a rural area of India

P. Vaddavalli, S. Bhailekar, S. Ramamurthy, N. Ganesh INDIA
Identifying graft orientation in Descemet stripping automated endothelial keratoplasty (DSAEK)

A. Vasques Perez, R. De Cock UK
Variability of the graft thickness using the moria microkeratome in the double pass cut technique of the UT-DSAEK procedure

L. Vieira, A. Vicente, R. Anjos, N. Alves, J. Feijão, P. Candelária PORTUGAL
Intraocular pressure after DSAEK- dinamic contour tonometry versus Goldman application tonometry

A. Villarrubia, A. Cano Ortiz, E. García Salcines, A. Membrillo, M. Cantais SPAIN
Customization of the Canny’s method for quantitative assessment of the corneal stromal bed irregularity after a lamellar cut

E. Yoeruek GERMANY
Comparison of swollen and dextran deswollen organ-cultured corneas for Descemet membrane dissection preparation- histological and ultrastructural findings

Imaging

M. Abrishami, H. Gharaeae IRAN
Ocular aberrations with Hartman-Schack aberrometry- a contralateral study in a normal young adult myopic population

M. Abrishami, M. Sedaghat IRAN
Normative values, contralateral comparison and correlation study of anterior chamber parameters measured by pentacam in an Iranian population

T. Baban, H. El Ballouz, E. Warrak LEBANON
A comparison of manifest and cycloplegic refractions using PlusoptiX S04 photoscreener, Nidek AR-20 handheld autorefractor and Nidek ARK-510A autoref-keratometer

T. Baban, E. Warrak LEBANON
Ocular response analyzer (ORA) derived parameters compared to sirius corneal topography in analyzing corneal pathology

T. Chikama, E. Abe, Y. Kadohiro, T. Sone, K. Ideguchi, M. Onodera, Y. Kichi JAPAN
Non-contact direct observation on pathogenic microorganisms by an in vivo laser confocal microscope attached with high-power objective lens

H. Hwang, S. Han, L. Hyo Kyoung, K. Han, M. Shin, M. Kim SOUTH KOREA
Visualization of corneal nerve distribution by 3D optical coherence tomography

J. Lee, Y. Park, H. Kim SOUTH KOREA
Confocal microscopic findings of avellino corneal dystrophy according to disease severity

Y. Park, B. Choi, J. Lee SOUTH KOREA
Confocal microscopic findings of corneal tissue in Fuchs’ corneal endothelial dystrophy

The ultrasound biomicroscope gives the key for diagnosis-case report

M. Sarnat-Kucharczyk, E. Mrukwa-Kominek POLAND
Confocal microscopy images observed in ocular argyrosis - case study report
**Poster Presentations**

**H. Tan, H. Chu, C. Hsiao, C. Chang** TAIWAN
Corneal density as an objective index for assessing Fuchs’ endothelial corneal dystrophy

**D. Tarnawska, L. Wojcik, A. Smedowski, E. Wylegala** POLAND
Epithelial insufficiency syndromes in corneal confocal microscopy images

---

**Infection and Inflammation**

**R. Anjos, A. Vicente, M. Noronha, M. Pinto, N. Alves, J. Feijão, P. Candelária** PORTUGAL
Infectious keratitis- 4 years in a tertiary hospital

**M. Awadalla** EGYPT
The role of cross linking in the management of acanthameba keratitis

**J. Beato, L. Figueira, Y. Eremina, M. Espinar, L. Torrão, R. Moreira, F. Falcão-Reis** PORTUGAL
Corneal ulcer by elizabethkingia meningoseptica- the first clinical case reported in Europe

**A. Bielecka, E. Zielinska, J. Szaflik, J. Szaflik** POLAND
The evaluation of anterior chamber flare phacoemulsification and combined procedure – phacoemulsification with endocyclophacoagulation – own experience

**A. Boto de los Bueis, M. Romero Gómez, A. del Hierro, S. Mediero** SPAIN
Virological and clinical implications of the human herpes virus 6 DNA in human corneas

**T. Bozkurt, E. Kardes** TURKEY
Active clinical characteristics of herpetic eye disease

**W. Chaidaroon, L. Methakittrakul** THAILAND
An infestation of a tick at the conjunctiva

**M. Chornobai, N. Pasechnikova, O. Zborovska** UKRAINE
The influence of methylene blue in combination with low power laser on the culture of enterobacter aerogenes in vitro

**K. Darcy, M. Ahad, D. Tole** UK
Scedosporium apiospermum keratitis successfully treated with a combination of voriconazole triple therapy (oral, topical, intrastromal) and manual debridement

**Z. Del Barrio, A. Boto, A. Del Hierro, F. Armada** SPAIN
Risk factors for “Acanthamoeba Syndrome” in acanthamoeba keratitis

**C.S. Ferreira, L. Figueira, N. Moreira-Gonçalves, J. Beato, L. Torrão, R. Moreira, F. Falcão-Reis** PORTUGAL
Corynebacterium macginleyi in corneal ulcers – pathogen or contaminant?

Perforation of corneal ulcer following cross-linking therapy

**P. Gain, E. Courrier, E. Crouzet, R. Ziessei, N. Naigeon, P. Verhoeven, N. Campolmi** FRANCE
Identification of infected corneal epithelial cells using an innovative in vivo fluorescent multilaser confocal microscope- proof of concept

**A. Gupta, J. Kumar, S. Gupta, R. Gupta, J. Ram, S. Singh, A. Ghosh** INDIA
Efficacy of topical liposomal amphotericin B in treatment of fungal corneal ulcers

**A. Gupta, S. Gupta, J. Kumar, R. Gupta, J. Ram** INDIA
Guidelines for the use of intracameral amphotericin B in recalcitrant keratomycosis- experience of a large case series

**H. Hasani, M. Sadoughi, B. Einollahi, R. Shamsoddinmotlagh** IRAN
Collagen cross linking in infectious keratitis; does light save the sight?

**C. Hsiao** TAIWAN
Infectious scleritis in Taiwan – a 10-year review in a tertiary care hospital

**A. Kemeny-Beke, L. Majoros, A. Berta** HUNGARY
Comparision of in vitro killing effects of different antifungal drugs against candida albicans and non-albicans clinical isolates

**M. Labetoulle, E. Gabison, A. Rousseau, B. Chapelier, S. Arnould, R. Galetto, M. Breckler** FRANCE
Antiviral effects of HSV1-specific meganucleases in a mouse model of relapsing herpes keratitis

**P. Larrañaga-Fragoso, A. Boto de los Bueis, B. Casco-Silva, S. Mediero-Clemente** SPAIN
Herpes simplex keratitis in rheumatoid arthritis patients

**R. Matos, J. Pires, N. Lopes, P. Gil, M. Mariano** PORTUGAL
Neonatal herpes simplex keratoconjunctivitis - a case report

**D. Maychuk** RUSSIA
Efficacy of 0.05% cyclosporine treatment in cases of recurrent erosions of herpes viral origin

**M. Mazza, G. Marsico, E. Piozzi** ITALY
Treatment of blefarokeratoconjunctivitis in pediatric patients
Poster Presentations

S. Mediero Clemente, A. Boto de los Bueis, E. Gonzalez Sanchez, A. del Hierro Zarrueo, P. Larrañaga Fragoso, B. Casco Silva, A. Garcia Perea

Bacteriology of external ocular infections in an urban area of Madrid, Spain

C. Menezes, J. Lemos, P. Coelho, R. Gonçalves, J. Serino, B. Vieira, P. Rodrigues

Hepatitis C - associated peripheral ulcerative keratitis and scleritis

J. Moore, D. Courtney, S. Atkinson, A. Nesbit, G. Pellegrini, D. Azar, T. Moore

Matrix metalloproteinases and their role in the pathomechanism of TGFBI-Arg124Cys associated lattice corneal dystrophy type I

L. Papaioannou, O. Psomiadi, P. Theodossiadis, M. Papathanassiou

Herpes simplex virus endothelialitis presented as bullous keratopathy

C. Pedrosa, B. Feijóo, M. Ramalho, P. Pêgo, C. Vendrell, I. Prieto

Multidrug-resistant fusarium solani keratitis – an inglorious challenge

A. Raghavan, N. Agarwal, R. Rammohan

Is endothelial or endothelial-like rejection possible in DALK?

A. Rajaraman, V. Vaidee, A. Raghavan, S. Rao

Clinical profile of microsporidial keratoconjunctivitis in immunocompetent individuals

A. Rajaraman, V. Vaidee, A. Raghavan, P. Prakash, M. Palanisamy

In vitro antifungal susceptibilities & clinical efficacy in aspergillus keratitis

S. Saha, J. Sengupta, A. Khetan, D. Banerjee

Antifungal activity of liposomal amphotericin B, anidulafungin and voriconazole on keratitis associated aspergillus fumigatus, candida albicans and alternaria sp biofilm

S. Saha, J. Sengupta, A. Khetan, D. Banerjee

Biofilm formation by pigmented and non-pigmented fungal pathogens isolated from corneal ulcer

E. Sarnicola, C. Sarnicola, V. Sarnicola

DALK in acanthamoeba akeratitis

K. Schürch, C. Tappeiner, B. Früh-Epstein

Two cases of peacilomyces iliacus keratitis

O. Shalaby

Combined use of tissue adhesive & amniotic membrane for sealing perforations in severe corneal infections

K. Sousa, T. Monteiro, R. Leite, P. Ramos, L. Torrão, F. Vaz, M. Quadrado

Bilateral simultaneous acanthamoeba keratitis – clinical management

Z. Sultan, H. Orials

Epidemiology and in vitro antibiotic sensitivities of bacterial keratitis isolates in Colchester, UK

D. Tarnawaska, L. Wojcik, E. Wylegala, K. Olejnik

Treatment algorithms for fungal keratitis of various severity and expansion

M. Uddaraju, N. Prajna, J. Mascarenhas, S. Radhakrishnan, L. Aruljothy

A case of isolated conjunctival Rhinosporidiosis in a 16 year old boy

M. Uddaraju, D. Prajna, D. Das, D. Gudiseva

A case of corneal bee sting injury, its sequelae and management in a 52 year old female

M. Uddaraju, D. Prajna, D. Das, D. Shetty, D. Shah

Infantile corneal trauma study

Keratoconus and Collagen Cross Linking

M. Abdalla, O. Ibrahim, A. Elmasry

Combined femtosecond laser assisted intracorneal rings (ICR) implantation and cross linking for keratoconus management- safety,visual outcome and corneal biomechanical changes

A. Abolhassani, A. Shojaei Baghini, M. Ramezan-zadeh, K. Sheibani

Safety and efficacy of corneal collagen cross-linking

M. Al Bdour, N. Bussièrèes, M. Abu Ameerh

Topographic characteristics of keratoconus in a sample of Jordanian patients

G. Bikbova, M. Bikbov, E. Usubov, G. Bikbova

Comparison of MyoRing implantation followed by corneal collagen cross-linking (CXL) and CXL followed by MyoRing implantation for keratoconus

G. Bikbova, M. Bikbov, E. Usubov, K. Oganisyans

Residual ametropia correction by MyoRing exchange

R. Borbara, A. Barbara, M. Naftali

Evaluation of intended versus actual intacs intracorneal ring segment depth using oct

A. Cetinkaya, M. Unal, A. Bilgin, H. Ilhan, E. Turkoglu, I. Yucel

Collagen crosslinking in pseudophakic bullous keratopathy

F. Contieri, R. García Catalán, F. Giménez Almenara, J. Gallardo Galera

Depth of intracorneal ring segments measured by OCT-mechanical versus femtosecond laser tunnel creation
Poster Presentations

C. Curcio, M. Lanzini, R. Calienno, M. Nubile, E. Del Corso, L. Mastropasqua | ITALY
Stromal collagen modifications after standard epi-off and iontophoretic corneal crosslinking with different irradiation procedures

M. Del Buey, E. Lanchares, J. Cristóbal, B. Calvo, L. Lavilla | SPAIN
Effect of the ultraviolet – a collagen cross-linking therapy on the biomechanics and histology of the human cornea

P. Fournié, F. Malecaze | FRANCE
Long-term results of corneal collagen crosslinking for progressive keratoconus

R. García-Catalán, J. Gimenez-Almenara, M. Arias-Alcala, F. Contieri, J. Gallardo-Galera | SPAIN
Femtosecond-assisted intrastromal corneal ring segment implantation- pellucid marginal degeneration versus keratoconus

T. Garg, R. Arora, J. Goyal, P. Jain, P. Jain, A. Manudhane, V. Veerwal | INDIA
Paediatric keratoconus and corneal collagen crosslinking at diagnosis (1 year results)

S. Hamada, F. Lam, D. Lake | UK
New technique of collagen cross-linking in children

H. Hasani, B. Einollahi, J. Rezaei, R. Shamsoddinimotlagh | IRAN
Nd:YAG laser peripheral iridotomy in keratoconus versus non-keratoconic eyes – dose energy need differ?

S. Hashemian | IRAN
Comparison of the visual and refractive outcomes of one versus two-segment femtolaser assisted intrastromal corneal ring implantation in keratoconus subjects

S. Hashemian | IRAN
Comparison of the visual and refractive outcomes of one segment femtolaser assisted intrastromal corneal ring implantation in post Lasik ectasia and keratoconus subjects

Z. Hassan, L. Modis, E. Szalai, A. Berta, G. Nemeth | HUNGARY
Our experiences with transepithelial collagen cross-linking therapy for keratoconus

A. Khalimov, B. Mukharram, S. Natalia, B. Guzel | RUSSIA
Dynamics of local TGF-b1 and TGF-b2 levels in patients with keratoconus and bullous keratopathy after corneal collagen cross-linking with ultraviolet-A

R. Leite, C. Almeida, T. Monteiro, N. Franqueira, F. Faria Correia, K. Sousa, J. Mendes, F. Vaz | PORTUGAL
Cataract surgery with toric intraocular lens implantation in patients with corneal irregular astigmatism

R. Leite, T. Monteiro, N. Franqueira, F. Faria Correia, K. Sousa, J. Mendes, F. Vaz | PORTUGAL
Intra-keratoconic ring segments exchange for refractive improvement in keratoconus

E. Levinger, L. Veig, O. Trivizki, S. Levinger | ISRAEL
Long term follow-up for intrastromal cornea ring segments for moderate-severe keratoconic patients

P. López Lizárraga, F. March de Ribot, E. Chavez Mondragon | MEXICO
Surgical approach to a challenging patient with keratoconus

P. López Lizárraga, F. March de Ribot, J. Zenteno Ruíz | MEXICO
Approach in genetic study of keratoconus in Mexican population

J. Males, D. Viswanathan, N. Kumar, S. Graham | AUSTRALIA
Relationship of corneal biomechanical profile to structural characteristics in normal, forme fruste keratoconic, keratoconic and crosslinked eyes

J. Males, D. Viswanathan, N. Kumar, S. Graham | AUSTRALIA
Sensitivity and specificity of novel biomechanical waveform parameters in detecting forme fruste keratoconus and keratoconus

F. March de Ribot, L. Tapia, E. Fernández | SPAIN
Surgical approach in cataract surgery with corneal ectasias

A. Marques, F. Isidro, P. Simões, J. Portelinha, M. Picoto, T. Ferreira | PORTUGAL
Correlation between Scheimpflug-based topographic indices and morphometric parameters and keratoconus stages

R. Mencucci, E. Favuzza, I. Paladini, A. Caverzasi, C. Boccacini, F. Guerra | ITALY
Corneal collagen cross-linking in keratoconus-densitometric analysis and clinico-instrumental correlation

O. Muftuoglu, O. Ayar, K. Ozulken, A. Kılıç | TURKEY
Transepithelial corneal collagen crosslinking with or without intrastromal corneal ring segment implantation with more than 1-year follow-up

G. Prakash, D. Srivastava, M. Suhail | UNITED ARAB EMIRATES
A unified predictive model for keratoconus detection-attempts towards combining zonular topography, corneal wavefront and pachy-volumetric indices in a single regression equation
Poster Presentations

J. Recalde, J. San Cristobal, R. Recalde, I. Rodríguez-Agirretxe SPAIN
Cross-linking performed under a hydrophilic contact lens when the cornea is extremely thin

J. Sandoval Codoni, R. Sanjuan Ruiz, E. Jimenez Rodriguez, J. Gonzalez de Gor Crooke SPAIN
Intracorneal ring segments for keratoconus correction – surprising outcome in the early postoperative

A. Sherif EGYPT
Accelerated versus conventional corneal collagen cross-linking in the treatment of mild keratoconus – a comparative study

K. Sousa, T. Monteiro, N. Franqueira, F. Faria-Correa, R. Dourado-Leite, J. Mendes, F. Vaz PORTUGAL
Posterior chamber phakic IOL implantation after previous intracorneal ring segment implantation in keratoconus patients

K. Sousa, T. Monteiro, N. Franqueira, F. Faria-Correa, R. Dourado-Leite, J. Mendes, F. Vaz PORTUGAL
Ferrara corneal ring segments implantation in paracentral keratoconus according to topographic and coma axis

P. Vaddavalli, P. Kalaiselvan, B. Amarnath, P. Sudharman, S. Dampati, S. Tummanapalli, P. Kumar INDIA
Assessing progression of keratoconus using corneal topography

A. Valero Marcos, J. Fernández Pérez, J. Jiménez Velázquez, F. Martínez Peña SPAIN
Keratoconus patient management in our hospital

A. Vega Estrada, J. Alio, R. Fernandez-Buenaga, P. Pena SPAIN
Stopping keratoconus progression with intracorneal ring segments in young patients – 5-year follow-up

A. Vicente, R. Anjos, B. Borges, M. Cardoso, L. Vieira, N. Alves, J. Feijão PORTUGAL
Determining intraocular pressure after intracorneal ring segment implantation in keratoconus– dynamic contour tonometry and goldmann applanation tonometry

L. Vieira, N. Silva, R. Anjos, N. Alves, V. Maduro, J. Feijão, P. Candelária PORTUGAL
Reproducibility of keratometric measurements obtained with OCULUS® Pentacam® HR in the evaluation of keratoconus progression

V. Wong, V. Chow, T. Chan HONG KONG
Express collagen cross-linking for keratoconus – 1-year outcomes

E. Wróblewska-Czajka, E. Wylegala, D. Tarnawska, B. Wowra, A. Nowińska POLAND
Results of intraoperative AS-OCT examination in standard crosslinking procedure and crosslinking using higher intensities irradiation and ionized riboflavin

N. Yildirim TURKEY
The relationship between keratoconus and serum vitamin B12 level

Keratoprosthesis

V. Avadhanam, C. Liu UK
OOKP for sight restoration in cases with face mutilation by dog bites

M. Muraine, A. Portman, J. Gueudry, D. Toubeau, S. Lefevre FRANCE
Bullous keratopathy after anterior chamber phakic intraocular lens- description and management with DMEK

Lens and Corneal Refractive Surgery: Corneal Complications

M. Al Reefy, S. Ayachit BAHRAIN
Relifting lasik flap after 16 years

C. Bacalhau, R. Brito, P. Neves, M. Ornelas, M. Santos, D. Martins PORTUGAL
Descemet's membrane detachment – case report after phacoemulsification

D. Bialas, R. Pawlik, R. Różycki, M. Rękas POLAND
Customized high-power toric intraocular lens implantation for astigmatism correction in patient with stable advanced pellucid marginal degeneration and cataract

E. Chynn, T. Bakaeva USA
Evaluation of efficacy and safety of mytomycin-C application in laser-assisted subepithelial keratectomy (Lasek)

C. Ghenassia FRANCE
Corneal flap ablation following recurring epithelial invasion and other complications post lasik. Management and outcomes of 10 patients at 2 years follow-up

K. Jasani, T. Cunneen, A. Brahma UK
Using corneal densitometry to predict patients needing LASIK retreatment

A. Kugusheva, P. Makarov, E. Chentsova, O. Slepova RUSSIA
Complications after high-risk penetrating keratoplasty (HRPK) and the ways of treatment

A. Marques, F. Isidro, P. Simões, E. Marques, H. Filipa, T. Ferreira PORTUGAL
Corneal collagen crosslinking for corneal ectasia secondary to radial keratotomy
Poster Presentations

Miscellaneous

M. Abdalla, O. Ibrahim EGYPT
Femtosecond intracorneal rings implantation post RK

H. Aichner, V. Menezo Rozalen, J. Lopez Torres, V. Menezo SPAIN
Idiopathic spontaneous bilateral Descemet's membrane detachments with persistent clear cornea

J. Alio, A. Angelov, M. El Bahrawy SPAIN
Femtosecond laser lenticular extraction (FLEX, SMILE) in comparison with 6th generation excimer laser

M. Bhargava, R. Ray, S. Guha, S. Saha INDIA
To report a case with corneal tear and giant retinal tear following obstetric delivery

S. Bhargava, M. Bhargava, S. Krishna INDIA
Post-operative visual outcome in patients with corneal astigmatism >4D using acrysoftoric IOL

N. Chalvatzis, A. Tzamalis, C. Symeonidis, S. Dimitrakos, I. Tsinopoulos GREECE
Atypical presentation of cogan's epithelial dystrophy deteriorating refractive and visual outcome after uneventful cataract surgery and implantation of multifocal intraocular lens

R. Cobian, L. Fernández-Vega Cueto, J. Nadal, M. Canut SPAIN
Surgical management of chronic glaucoma in nanophtalmos

M. Del Buey, J. Cristóbal, L. Lavilla, F. Ascaso, E. Lanchares, C. Palomino, B. Calvo SPAIN
Corneal edema and IOP. Corneal biomechanical properties and IOP in eyes with endothelial corneal dystrophy

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

M. Elalfy, V. Dhillon, M. Aqaba, S. Basu, H. Dua UK
Corneal hypoesthesia but normal sub-basal nerve densities following trigeminal neuralgia surgery

M. Elgharib, H. El-Nahass, W. Ghobashi, M. Salla EGYPT
Prevalence of surgically induced corneal astigmatism post phacoemulsification

K. Emeriewen, Y. Athanasiadis, M. Tsatsos, C. Macgregor
Neuropathic pain in multiple sclerosis improved with oral famciclovir- a case report and review of the literature

H. Hasani, A. Baradaran-Rafii, R. Shamsoddinimotlagh IRAN
Rho-associated kinase (ROCK) inhibitor in persistent corneal graft edema – does it work?

R. Jullienne, K. Ranou, N. Campolmi, A. Bernard, Z. Hw, Y. Gavet, G. Thuret FRANCE
Mathematical model of corneal reendothelialization after inadvertent descemeterhexis

K. Kang, M. Huh, E. Yeo, S. Kwon, H. Kim SOUTH KOREA
Construction of bio-engineered human corneal lenticule with human corneal limbal epithelial cells for treating limbal deficiency in rabbit eye

R. Lim, L. de Benito-Llopis UK
Amelanotic conjunctival melanoma

C. Lisa, M. Naveiras, A. Meana, J. Alfonso, J. Merayo SPAIN
Cryopreservation of intact endothelial stroma after DMEK graft preparation

P. López Lizárraga, F. March de Ribot, M. Pedrosa MEXICO
Advanced sclerocorneal affection in a case of uveitis

F. March de Ribot, P. López Lizárraga, A. March de Ribot, F. Graue Wiechers SPAIN
Sympathetic ophthalmia secondary to corneoscleral transplant surgery

M. Medvedev, N. Turgunbaev, A. Poliak KYRGYZSTAN
Fetal keratoplasty in combination with corneal collagen crosslinking in treatment of advanced stages of pellucid marginal corneal degeneration with clinically apparent abnormalities of corneal topography

S. Mokadam, P. Mokadam, S. Karandikar, S. Mokadam INDIA
Ocular involvement by olfactory neuroblastoma

N. Nassiri, K. Sheibani, S. Safi, N. Nassiri IRAN
Central corneal thickness in highly myopic eyes- inter-device agreement of ultrasonic pachymetry

H. Norouzi, H. Mohammad Rabei, K. Sheibani IRAN
Treatment of recurrent corneal epithelial defect by autologous serum application

J. Ondategui-Parra, L. Zahiño Lora, A. Liern Cendrero, D. Elías, J. Güell, J. Pujol Ramo SPAIN
Influence of corneal disorders in the ocular optical quality

S. Orfin, M. Damani, M. Moster, M. Regina, H. Ansari, M. Sulewski SPAIN
Corneal topographical and refractive changes after selective laser trabeculoplasty (SLT)

G. Parisi, E. Pedrotti, P. Di Sarro, E. Bruni, C. De Masi, G. Moratello, G. Marchini ITALY
Prevalence of corneal ectasia in patients with obstructive sleep apnea-preliminary results
Poster Presentations

F. Rodrigues, R. Almeida, I. Almeida, M. Ruão, G. Santos, C. Ferreira, R. Soares PORTUGAL
Reis-Bücklers dystrophy - a family case report

R. Rozyczy, D. Bialas, I. Nowak-Gospodorowicz, R. Koktysz, M. Rekasz POLAND
A unique case of primary corneal melanoma – a 12-month follow-up

J. Siqueira, T. Cunha, D. Machado, L. Valle, R. Paula, J. Botteon BRAZIL
Corneal ectasia – epidemiological profile of de cases treated in reference centers in Belo Horizonte, Brazil

T. Sokolovskaya, A. Doga, D. Magaramov, Y. Kochetkova RUSSIA
Method of YAG laser activation of trabecula in treatment of patients with primary open-angle glaucoma

D. Tran, E. Barragan, A. Chayet, H. Tran USA
Visual outcomes of pseudophakic presbyopes implanted with a transparent hydrogel corneal inlay

S. Vaz-Pereira, G. De Salvo, R. Shenoy, C. Thaung, M. S. Sagoo PORTUGAL
Epithelial downgrowth masquerading as iris tumor

L. Vieira, A. Vicente, V. Lemos, B. Borges, V. Maduro, J. Feijão PORTUGAL
Terrien’s marginal corneal degeneration - 2 case-reports

K. Vivek, S. Azad, A. Gangawe, R. Azad INDIA
Functional and macular changes by SD-OCT in preterm babies with ROP

Ocular Surface

A. Acera, J. Etxebarria, J. Granados, R. Campos, I. Martinez-Soria, A. Boto-de-Los-Bueis, T. Suarez SPAIN
PCR-strip based on reverse dot blot system- Limbokit, a tool to diagnosis and handling of limbal stem cell deficiency

T. Akcetin, N. Dincer, F. Ozdemir, K. Eltutar TURKEY
The treatment options in patients with severe dry eye syndrome

J. Alio, A. Rodriguez, D. Wróbel-Dudzińska SPAIN
Eye platelet rich plasma (E-PRP) for the treatment of ocular surface disorders

A. Anbari, H. Koujan, M. Al Dreih, D. Lake, S. Hamada, A. Assaf UK
Autologous cryoprecipitate versus sutures for attaching conjunctival autograft in pterygium surgery after using mitomycin-C – 6 months results

A. Baumann, B. Cochener FRANCE
A comparative study of modern treatments in meibomian gland disease

M. Bhargava, D. Bhargava, D. Sudhir INDIA
Progression of conjunctival papilloma to carcinoma

M. Bhargava, S. Bhargava, S. Soumya Pal INDIA
Managing a case of scleral staphylococca with rhinosporidiosis using scleral patch graft with modified box suture

M. Bhargava, R. Majumdar Chaudhury, S. Bhargava INDIA
To report successful management of extensive recurrent conjunctival papilloma

A. Cabugueira, A. Vicente, V. Lemos, B. Borges, L. Vieira, J. Feijão, R. Flores PORTUGAL
Evaluation of tear meniscus height by Visante® optical coherence tomography

J. Campos, M. Guerra, P. Ramos, A. Rosa, M. Quadrado, J. Murta PORTUGAL
Corneal neurotrophic ulcer – treatment with a new matrix therapy agent

B. Casco Silva, J. Coca Robinot, A. Boto de los Bueis, S. Mediero Clemente, P. Larrañaga Fragoso, S. Noval Martin SPAIN
Autologous blood versus fibrin glue for conjunctival autografting in pterygium surgery- a prospective comparative study

M. Ceska Burdova, G. Mahelkova, A. Filous, D. Doteleva CZECH REPUBLIC
Changes in corneal subbasal nerve fibers in diabetic patients and their correlation to diabetic retinopathy status

K. Dayawansa SRI LANKA
Pterygeum surgery following preoperative injection of triamcinolone in to the body of pterygeum

A. Del Hierro, B. Ana, R. Irene, R. Isabel SPAIN
Plaque brachytherapy in conjunctival invasive squamous cell carcinoma

R. Delgado Weingartshofer, M. Gil Arnal, M. Mas Castells, J. Buil Calvo SPAIN
Bilateral corneal ulceration and severe visual acuity loss due to vitamin A deficiency in alcoholic cirrhosis and bariatric surgery

C. Dimitriou, E. Tsiambas, G. Vilaras, A. Kandarakis, A. Sharma, D. Brouzas, D. Papaconstantinou UK
Detection and evaluation of VEGF / HIF-1A angiogenesis signalling pathway in patients with primary ophthamalic pterygium

T. El-khashab, S. Quah, P. Chiam, L. Rudy-Fitzgerald, D. Noden UK
Ease of use of VitA-POS and lacri-lube in dry eye syndrome

L. Faraj, A. Yeung, O. McIntosh, V. Dhillon, H. Dua UK
In-vitro effect of fibrin glue on corneal epithelial cell migration

T. Gaidamaka, V. Senishin UKRAINE
Condition of the eye surface in patients with open angle glaucoma, that have used prostaglandin analogues with benzalkonium chloride as a preservative
Poster Presentations

I. Gama, J. Valadares, J. Franco, W. Rodrigues, L. Almeida, M. Monteiro-Grillo PORTUGAL
Corneal microperforation in chronic ocular graft-versus-host disease - case report

G. Giannaccare, L. Sapigni M. Fresina, P. Versura, E. Campos ITALY
Ocular surface recovery post strabismus surgery- a confocal microscopy and impression cytology study

S. Gupta, P. Gupta, S. Jain, J. Sharma INDIA
An innovative approach for cultivation of limbal stem cells

H. Ibrahim-Elzembely EGYPT
Dropper-tip induced keratopathy (DTIK)

O. Ivanova, G. Drozhzhina, A. Kavelina, A. Popandopulo, T. Gaidamaka UKRAINE
Transplantation of the monolayer of the human cornea allogenic stem cells, cultured on amnion, at corneal pathology accompanied by limbal insufficiency

L. Jawaeer, D. Anijeet, K. Ramashe UK
Diagnostic criteria for limbal stem cell deficiency - a systematic literature review

K. Jirsova, V. Vesela, M. Palos, P. Seidler Stangova, I. Fales, G. Mahelkova, S. Kalasova CZECH REPUBLIC
The application of autologous serum increases the number of HLA-DR-positive conjunctival cells in patients suffering from graft versus host disease

H. Khakshoor, A. Eslampoor, F. Razavi, A. Omid Tabrizi, A. Vejdani IRAN
How to avoid recurrence after pterigium surgery

A. Leal, J. Gl, I. Lains, E. Costa, A. Rosa, M. Quadrado, J. Murta PORTUGAL
How to avoid recurrence after pterigium surgery

Ocular surface changes in graves ophthalmopathy- in vivo confocal and AS-OCT study

G. Mahelkova, K. Jirsova, M. Palos, V. Vesela, I. Fales, P. Seidler Stangova, D. Dotrelova CZECH REPUBLIC
Effect of autologous serum eye drops for the treatment of dry eye diseases assessed using corneal confocal microscopy

F. Mantelli, I. Filatori, P. Battigello, F. Sinigaglia ITALY
Preliminary efficacy evidence of recombinant human nerve growth factor eye drops in neurotrophic keratitis from a phase I/II clinical trial

I. Martins de Almeida, M. Ruão, S. Gonçalves, C. Costa Ferreira, J. Chibante Pedro PORTUGAL
Pseudoepitheliomatous hyperplasia- a benign condition mimicking a malignant tumor

I. Pronkin, D. Maychuk RUSSIA
Assessment of dry eye role in filamentary keratitis epidemiology

R. Quintana, E. Barnola SPAN
Pigmentary lesions of cornea and conjunctiva. Complications in treatment with mytomycin C

R. Rothwell, M. Loureiro, F. Santos, L. Ribeiro PORTUGAL
Ocular ochronosis - a case report

M. Saini, V. Murugesan, T. Aada, T. Agarwal INDIA
Ocular surface evaluation in eyes with chronic glaucoma on long term topical ocular hypotensive therapy

J. Sandhu INDIA
The Manihala maneuver- pterygium conjunctiva autograft’s adieu to second site harvest

J. Sandhu INDIA
A novel surgical technique for the double pterygium

E. Sarnicola, C. Sarnicola, G. Tosi, V. Sarnicola ITALY
Corneal graft patch to repair baerveldt silicone tube and scleral buckling extrusions

V. Sarnicola, C. Millacci, P. Toro Ibanez, C. Sarnicola, E. Sarnicola, A. Ruggiero ITALY
Amniotic membrane transplantation in failed trabeculectomy

M. Schargus, F. Wolf, H. Tony, T. Meyer-ter-Vehn, G. Geerling GERMANY
Correlation between tear film osmolarity, dry eye disease parameters, and disease activity values in patients with rheumatoid arthritis

N. Sharma, R. Vajpayee INDIA
Deep anterior lamellar keratoplasty in chemical injuries

A. Tekin Buyrukcu, F. Esin Özdemir, T. Alpar Akçetin, K. Eltutar TURKEY
Case report- calcified plaques related to vitamin D deficiency

L. Troychenko, G. Drozhyna, T. Gaidamaka, V. Ostashevskyi, B. Kogan, O. Ivanovskaya UKRAINE
The autologous serum use in cornea regeneration disorders after keratoplasty, depending on the severity of corneal lesions

M. Udziela, M. Lazicka-Galecka, J. Szaflik, J. Szaflik POLAND
A new non-invasive therapy with a novel matrix regenerating agent for the corneal persistent epithelial defects – cases series

M. Vanathi, C. Gupta, R. Dhiman, A. Ganger, R. Tandon INDIA
Evaluation of ocular surface reconstruction with simple limbal epithelial transplantation in unilateral ocular chemical injury
Poster Presentations

A. Vicente, L. Vieira, A. Sampaio, A. Ferreira, V. Maduro, J. Feijão, P. Candelária  
PORTUGAL  
Ocular surface diseases and amniotic membrane transplantation- a retrospective study

J. Wolffsohn, P. Bilkhu, S. Naroo  
UK  
Efficacy and safety of a commercially available eyelid warming device for the treatment of meibomian gland dysfunction related evaporative dry eye

S. Yahiaoui  
ALGERIA  
Therapeutic scleral lens, magic cure for trophic or exposure corneal ulcer

Q. Zeng  
CHINA  
Morphology and functional changes of meibomian gland after compressing and probing

Tear Film

S. Fauquier, S. Lafont  
FRANCE  
The use of the LipiView in clinical practice to identify patients with reduced meibomian gland function and dry eye

J. Grobeiu, P. Simmons, J. Vehige, C. Carlisle, R. Chen, G. Shi  
USA  
Treatment response in a clinical trial for dry eye varies with entering level of signs and symptoms

T. Kaercher  
GERMANY  
Automated thermodynamic therapy – a new device to overcome long-lasting dry eye states

G. Kaya, Y. Yilmaz  
TURKEY  
High-frequency use of topical cyclosporine 0.05 % in treatment of severe dry eye refractory to twice -daily regimen

J. McCulley  
USA  
Meibomian gland dysfunction, aqueous tear evaporation and its inhibition

H. Norouzi, H. Mohammad Rabei, K. Sheibani  
IRAN  
A study of tear function in acne vulgaris patients under treatment with isotretinoin

V. Siedschlag, G. Geerling, M. Schargus  
GERMANY  
Evaluation of different tear film and eyelid configuration parameters before and after lateral canthal sling surgery

P. Tyagi, B. Teh, A. Reddy  
UK  
Role of Omega-3 and Omega-6 supplements in management of evaporative dry eyes secondary to meibomian gland dysfunction – a systematic review
General Information & Exhibition
General Information

Venue
ExCeL London, Royal Victoria Dock, 1 Western Gateway, London E16 1XL, United Kingdom

Host
EuCornea, Temple House, Temple Road, Blackrock, Co. Dublin, Ireland
Tel: + 353 1 288 3674
Fax: +353 1 288 3675
Email: eucornea@eucornea.org

Opening Hours

Registration
Registration Hall
Wednesday 10 September 15.00 – 18.00
Thursday 11 September 07.00 – 18.00
Friday 12 September 07.00 – 18.00
Saturday 13 September 07.00 – 18.00

Speaker Check-in
Registration Hall
Thursday 11 September 07.00 – 18.00
Friday 12 September 07.00 – 18.00
Saturday 13 September 07.00 – 18.00

Exhibition Area
Level 2, Platinum Suite
Friday 12 September 09.00 – 18.00
Saturday 13 September 09.00 – 17.00

Annual General Meeting
Platinum Room 4 (Level 3)
Saturday 13 September 10.30 – 11.00
Open to EuCornea members only

Associated Meetings by Invitation
COST Action Group Meeting
Friday 12 September 18.00 – 21.00

European Eye Bank Association Meeting
Sunday 14 September 09.00 – 15.00

Boarding Pass Printing Station
Boulevard, beneath Flight Display Screen

Cafes
Located in the Main Boulevard

Cloakroom
Level 0, ExCeL

CME Credits
This Congress has been awarded 12 CME Credits by the European Accreditation Council for Continuous Medical Education (EACCME). Information on EACCME credits is available at www.eucornea.org. In order to claim credits delegates will be required to complete an online evaluation form when they collect their congress certificate.

In addition, delegates must complete an evaluation form for every course that they attend. These forms must be completed at the end of the course and given to the hostess at the entrance to the course room. The form can also be completed online on the EuCornea App.

Coffee Breaks
Exhibition Area, Level 2, Platinum Suite
Friday 12 September 10.30 – 11.00
Saturday 13 September 10.30 – 11.00 15.00 – 15.30

Currency
The official currency of the Congress is Euro

ePosters
Exhibition Area, Level 2, Platinum Suite

First Aid
Level 0, access from Boulevard

Insurance
Delegates are advised to take out travel insurance to cover medical expenses, accidents, loss etc. No responsibility will be accepted by the Congress Organisers.

Kuoni Desk
Registration Hall

Membership
EuCornea Membership can be obtained at the Registration Desk – Main Entrance

Official Language
The official language of the Congress is English

Welcome Reception
Exhibition Area, Level 2, Platinum Suite
Friday 12 September 18.00 – 18.30

Wi-Fi
Wi-Fi is available free of charge throughout the Congress Centre
**Exhibition Floorplan**

**Platinum Suite Level 2**

---

**Exhibitor**
- Allergan
- Dompé Farmaceutici
- KeraMed, Inc.
- MED-LOGICS, INC.
- Miracles In Sight
- OCULUS Optikgeräte GmbH
- Optovue, Inc.
- SICSSO
- TearScience
- Théa
- Vision Share

**Booth Number**
- P01
- P11
- P07
- P03
- P10
- P09
- P02
- P08
- P06
- P04
- P05
EuroTimes Satellite Education Programme

Friday 12 September

Lunchtime Symposium

13.00 – 14.00
Platinum Room 3 (Level 3)

Optimising Patient Response in Different Manifestations of Dry Eye Disease

Moderator: M. Rolando ITALY

Sponsored by ALLERGAN

BOXED LUNCH INCLUDED

Saturday 13 September

Lunchtime Symposium

13.00 – 14.00
Platinum Room 3 (Level 3)

Treating Non-healing Corneal Epithelial Defects

Moderator: H. Dua UK

Sponsored by Théa

BOXED LUNCH INCLUDED

Lunchtime Symposium

13.00 – 14.00
Platinum Room 4 (Level 3)

Assessment of Dynamic Corneal Response with the Corvis® ST Applications for Refractive Surgery, Crosslinking and Glaucoma

Moderator: R. Ambrosio Jr. BRAZIL

Sponsored by OCULUS®

BOXED LUNCH INCLUDED
Sponsors

EuCornea would like to thank the following sponsors for their support

ALLERGAN ophthalmology
ZI OCULUS
LABORATOIRES Théa

Index

A
M. Abdalla 22, 25
A. Abdelghany 16
E. Abdullahiev 19
A. Abolhassani 22
M. Abrishami 12, 15, 20
A. Acera 26
J. Afonso 11
M. Ahad 6
H. Aichner 25
T. Akcenin 26
S. Aksenova 6
M. Al Reefy 22
J. Alió del Barrio 16
B. Allan 8
N. Alqahtani 18
M. Al Reefy 24
R. Ambrosio 10, 34
S. Amin 11
A. Anbari 26
M. Ang 7
R. Angunawela 11
R. Anjos 21
A. Anshu 15
H. Anwar 11, 18
P. Aragona 13
G. Argenziano 15
M. Arias Alcalá 11
J. Armitage 6, 11, 12
F. Amaoic-Montiel 6
R. Arora 15, 18
A. Arrondo 16
O. Arslan 19
J. Ashar 15
A. Atef 18
V. Avadhanam 16, 24
M. Awadalla 21
W. Chaidaroou 21
N. Chalvatzi 25
N. Chan 9, 16
M. Chang Sotomayor 21
F. Chaventre 11
P. Chian 18
A. Chiarugi 11
M. Chiesa 16
T. Chikama 20
M. Chornobai 6, 21
S.P. Chow 6
E. Cluyt 24
M. Claesson Armitage 11, 16
R. Cobian 25
B. Coehner 6, 7, 8, 10, 14
M. Colasante 7
C. Conon 14
F. Contieri 11, 22
S. Cook 6
S. Cortina 16
C. Corcito 23
J. Curnow 6
C. Cursiefen 8, 15, 17
D
I. Dapena 13
O. Daphnah 15
K. Darcy 21
J. Dart 6
K. Dayawansa 26
C. Deback 7
J. de la Cruz 16
I. Delafay 7
Z. Del Bartro 21
M. Del Buey 23, 25
R. Delgado Weingartshefer 26
A. Del Hierro 19, 26
M. De Luca 15
D. Dementiev 18
M. De Miguel 16
V. Dhillon 11
M. Diab 12, 18, 25
M. Dickman 11
C. Dimitriou 26
D. Dobrowolski 15
G. Drozhzhina 18
H. Dua 5, 6, 11, 12, 13, 14, 15, 34
J. Duran 8
G
T. Gaidermaka 26
P. Gain 11, 18, 21
D. Galarreta 13
J. M. Gallardo Galera 11
G. Gallego 16
L. Gama 27
N. Garagorri 16
R. García Catalán 11, 23
G. Gardini 15
T. Garg 15, 23
G. Garhöfer 6
R. Gaster 10
J. Gatell 19
Z. Gatziosoufus 6, 11
A. Geerards 6
P. Georgoudis 11
H. Gharari 12, 15
C. Ghenassia 24
S. Ghosh 6
G. Giannaccare 6, 27
F. J. Giménez Almenara 11
Y. Goldie 16
J. Gómez Ribelles 16
J. M. González-Méjome 11, 15
M. Gowda 18
J. L. Goyat 15
M. Griffin 6, 14
A. Grigoryan 7
I. Grobeiu 28
J. Güell 3, 5, 8, 10, 13, 15
P. Guerra 12
A. Gupta 21
S. Gupta 27
H
F. Hafezi 6, 10, 14
S. Harada 11, 23
S. Hannush 8, 13, 16
H. Hasani 15, 21, 23, 25
S. Hashemian 23
Z. Hassan 23
Z. He 11
C. Henein 15
K. Hille 16
J. Hjortdal 17
J. Hodson 6
E. Holland 13
H. Hollick 15
A. Hopkinson 6
S. Hosseini 15
C. Hsiao 21
R. Huang 15
H. Hussain 6
H. Hwang 20
Index

U
M. Uddaraju 22
M. Udziela 27

V
P. Vaddavalli 20,24
A. Valero Marcos 24
B. Valladares 6
M. Vanathi 27
G. Van der Lelij 11
T. van Goor 6
F. Van Marion 11
J. Van Rooij 6,11
J. Vargas 16
O. Vasilyeva 6
A. Vasques Perez 20
S. Vaz-Pereira 26
V. Veerwal 15
A. Vega Estrada 7,16,24
C. Velati 6
P. Versura 6
A. Vicente 24,28
L. Vieira 20,24,26
A. Villarrubia 8,20
K. Vivek 26

W
M. Watson 6
S. Watson 6,8
R. Werkmeister 6
R. Wijdh 11
M. Wilkins 11,16
G. Williams 6
J. Wolffsohn 28
V. Wong 24
B. Wowra 15
E. Wroblewska-Czajka 15,24
E. Wylegala 13,15,17

Y
S. Yahiaoui 12,28
S. Yazdani 15
N. Yildirim 24
E. Yildiz 19
E. Yoeruek 20
S. Yoo 9
A. Young 8,10
K. Yuri Igor Ioshin 7

Z
M. Zare 15
S. Zarei-Ghanavati 12
O. Zborovska 6
Q. Zeng 28
DOWNLOAD THE CONGRESS APP

EUCORNEA APP

Programme Schedule  Speaker Search  Notifications  Evaluation Forms
Favourites  Poster Search  Exhibition  Add Your Notes

'EuCornea London 2014'
Any web enabled device
m.eucornea.org

Free wi-fi throughout the congress centre
DON’T LET DRY EYE RUIN THEIR AUTUMN

Time to unpack your scarves and woolly jumpers: autumn has arrived, bringing golden leaves and bracing winds. Millions of Dry Eye sufferers also have to brace themselves. With symptoms including burning, stinging, excessive tearing and dryness, it can be tough on eyes.1-3 Fortunately, the OPTIVE® Family works effectively in either aqueous or lipid deficient Dry Eye sufferers.4-6 Recommend it to your patients and help make their autumn epic.

References:
EU/0159/2014b; Date of preparation: July 2014