



5th EuCornea Congress
LONDON

12-13 September 2014

Programme



European Society of Cornea and
Ocular Surface Disease Specialists



LONDON 2014



6th EuCornea Congress

BARCELONA

4 – 5 September 2015

www.eucornea.org



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5th EuCornea Congress

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LONDON

Message from the President



EuCornea
Temple House
Temple Road
Blackrock
Co. Dublin
Ireland

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,

A handwritten signature in black ink, appearing to read 'José Güell'. The signature is written in a cursive style with a vertical line to the left of the main text.

José Güell
President EuCornea

Friday 12 September

	PLATINUM ROOM 1 & 2 (Level 3)	PLATINUM ROOM 3 (Level 3)	PLATINUM ROOM 4 (Level 3)
08.00			
09.00	FREE PAPER 1 Infection & Inflammation	FREE PAPER 2 Ocular Surface	FREE PAPER 3 Keratoconus & CXL
10.00	SYMPOSIUM 1 Comprehensive Viral Infectious Keratitis	SYMPOSIUM 2 What's New in The Management of Dry Eye?	COURSE 1 What Can Go Wrong in Lamellar Surgery?
11.00	BREAK		
12.00	SYMPOSIUM 3 New & Future Medical Treatments of Corneal Diseases	SYMPOSIUM 4 Lasers in Cornea Surgery	COURSE 2 Stem Cell Therapy for Ocular Surface Reconstruction
13.00	LUNCH		
14.00		INDUSTRY SPONSORED SATELLITE MEETING	INDUSTRY SPONSORED SATELLITE MEETING
15.00	SYMPOSIUM 5 KEYNOTE SYMPOSIUM Eurokeratoconus III Current Controversies & Hot Topics in Keratoconus		
16.00			
17.00			
18.00	OPENING CEREMONY		
19.00	WELCOME RECEPTION		
20.00			
21.00			

Saturday 13 September

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



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 Autonomia 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. Lumberras-Fernandez, C. Martin-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. Remeijer, A. Geerards, T. van Goor** THE 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. Gatziofufas, 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
- 08.48 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. Schmidl, S. Kaya, 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. Pasyechnikova, S. Iakymenko, 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 epithelium 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 leukocyte 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. Malecaze** *FRANCE*
Transepithelial corneal collagen crosslinking-
iontophoresis technique evaluation in a rabbit
model
- 08.06 **I. Delafof, M. Cassagne, P. Fournié, F. Malecaze, 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 iontophoresis
imbibition - 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 neurotrophickeratitias
- 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



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. Nuñez** *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



EuCornea
Opening Ceremony

Friday 12 September
17.00

Platinum Room 1&2 (Level 3)
See page 5 for full programme



Saturday 13 September

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. Gatzoufas, X. Song, N. Szentmáry, A. Langenbucher, B. Seitz** UK
Cell proliferation, viability, growth factor and interleukin secretion by normal human keratocytes and keratoconic keratocytes after hormone treatment in vitro
- 08.06 **Z. He, N. Suffee, N. Campolmi, F. Forest, M. Peoc'h, P. Gain, G. Thuret** FRANCE
Human induced pluripotent stem cells (hiPSC)-derived endothelial cells- new opportunity for corneal bioengineering
- 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. Boccacini, 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 precut tissue for DSAEK. A prospective single blinded randomised study
- 08.24 **M. Dickman, J. Van Rooij, L. Remeijer, G. Van der Lelij, 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*

- 08.00 **S. Yahiaoui, M.B. Mekki, R. Belaoudmou** *ALGERIA*
Scleral lens to rescue corneal surgery failure
- 08.06 **M. Diab** *EGYPT*
Long term efficacy and safety of interlasik in the pediatric population
- 08.12 **A. Shojaei Baghini, M. Ramezanzadeh, K. Sheibani** *IRAN*
To evaluate the safety and efficacy of 5 seconds of mitomycin-C (MMC) application during photorefractive keratectomy (PRK) for low myopia
- 08.18 **A. Shojaei Baghini, M. Eslani, M. Ramezanzadeh, K. Sheibani** *IRAN*
Effect of timolol on refractive outcomes in eyes with myopic regression after laser in situ keratomileusis- a prospective randomized clinical trial
- 08.24 **M. Abrishami, H. Gharaee, S. Zarei-Ghanavati** *IRAN*
Endothelial cell changes after photorefractive keratectomy with mitomycin C
- 08.30 **N. Nassiri, K. Sheibani, S. Safi, N. Nassiri** *IRAN*
Effects of alcohol-assisted versus mechanical epithelial debridement on corneal endothelial cells after photorefractive keratectomy
- 08.36 **A. Limão, T. Neuhann, F. Laureano, P. Guerra, L. Cardoso** *PORTUGAL*
Femtosecond laser arcuate keratotomy under flap for the correction of high astigmatism
- 08.42 **H. Mohammad Rabei, M.A. Javadi, K. Sheibani** *IRAN*
A comparison of three methods for correction of corneal astigmatism during phaco surgery
- 08.48 **A. Kavelina, A. Popandopulo** *UKRAINE*
Creation of three-dimensional bioconstruction corneal
- 08.54 Discussion
- 09.00 End of session

Platinum Room 1&2 (Level 3)

09.00 – 10.30

Symposium 6

New Research in Cornea

Moderators: T. Fuchsluger *GERMANY*
J. Menzel-Severing *GERMANY*

- 09.00 **J. Armitage** *UK*
HLA matching in corneal transplantation
- 09.13 **P. Rama** *ITALY*
Clinical application of topical nerve growth factor (NGF) in ocular diseases: up-to-date and future perspectives
- 09.26 **A. Kureshi** *UK*
The development of a tissue engineered cornea stromal equivalent
- 09.39 **V. Borderie** *FRANCE*
Human limbal epithelial cells cultured on dense fibrillated collagen I transparent matrices
- 09.52 **J. Menzel-Severing** *GERMANY*
Fate mapping strategies to identify and characterize epithelial progenitor cells at the limbus
- 10.05 **T. Fuchsluger** *GERMANY*
Protection of corneal endothelial cells against cell death
- 10.18 Discussion
- 10.30 End of session



Saturday 13 September

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/ DSAE
- 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 & immunohistochemistry
- 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. Wylegała** *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. Malecaze** 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

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

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. Connon** 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



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
- 14.18 **R. Arora, P. Jain, A. Manudhane, P. Jain, J.L. Goyal, T. Garg, V. Veerwal** INDIA
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. Htoon, 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. Nowińska, E. Wroblewska-Czajka, E. Wylegała** POLAND
TD-OCT and in vivo confocal microscopy imaging in posterior polymorphous corneal dystrophy
- 14.12 **A. Nowińska, E. Wylegała, 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
- 14.24 **J. Salgado-Borges, F. Esteves, P. Neves, H. Ferreira-Neves, L. Rico-del-Viejo, J.M. González-Méijome** PORTUGAL
New biomechanical parameters differentiate corneas from young and older adult subjects
- 14.30 **M. Abrishami, H. Gharaee** IRAN
Anterior and posterior corneal curvature- normal values in healthy Iranian population obtained with the orbscan II
- 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

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

OOKP

- 15.30 **V. Avadhanam** UK
OOKP laminar resorption
- 15.40 **G. Ingavle** UK
S. Sandeman UK
Synthetic OOKP analogue
- 15.50 **R. Tandon** INDIA
OOKP glaucoma
- 16.00 **C. Liu** UK
Buccal mucous membrane alterations

Boston KPRO Type I Management

- 16.10 **E. Arrondo** SPAIN
Clinical & surgical glaucoma management of BKPRO Type I
- 16.20 **M. Soledad Cortina** USA
Management of retroprosthetic membranes & melts management of BKPRO I
- 16.30 **M. Wilkins** UK
Antibiotic prophylaxis, infections & contact lens management of BKPRO I
- 16.40 **S. Hannush** USA
Avoiding intraoperative complications, surgical approaches
- 16.50 **J. de la Cruz** USA
Q & A. Iris Management
- 17.00 End of session



Saturday 13 September

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. Mődös *HUNGARY*

- 15.30 **L. Mődös** *HUNGARY*
Introduction
- 15.32 **L. Mődös** *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



Poster Presentations

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. Maucclair *FRANCE*

Improvement of delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses

Contact Lenses

C.S. Ferreira, L. Torrão, L. Figueira, J. Beato, R. Moreira, F. Falcão-Reis *PORTUGAL*

Visual rehabilitation with soft K contact lenses in patients undergoing corneal transplant or intracorneal rings

G. Kaya, Y. Yilmaz *TURKEY*

Corneal resilience after discontinued soft contact lens wear

DALK and PK

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. Bahadır 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. Scorcìa,

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. Garcia Ortega *SPAIN*

Relationship of visual acuity and graft thickness in Descemet stripping automated endothelial keratoplasty

A. Bernard, C. Maclair, 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 applanation

A. Bernard, C. Macclair, E. Baubeau, N. Campolmi,

A. Gauthier, G. Thuret, P. Gain *FRANCE*

Comparison of femtosecond laser cut of endothelial grafts with endothelial and epithelial applanation

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. Laíns, 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, P. 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. Bhalekar, 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- dynamic contour tonometry versus Goldman applanation 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. Gharaee *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 cytoplegic refractions using PlusoptiX S04 photoscreener, Nidek AR-20 handheld autorefractor and Nidek ARK-510A autorefr-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. Kiuchi *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

C. Pereira, M. Franco, L. Colaço, J. Neves, D. Cristovão, I. Silva, H. Filipe *PORTUGAL*
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

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 endocyclophotocoagulation – 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. Chang Sotomayor, M. Latasiewicz, F. Spencer,

F. Farias, J. Cardemil, R. Torres, F. Chait *SPAIN*

Epidemiology, microbiological profile, and management of a series of 107 cases of bacterial keratitis in a tertiary ophthalmology centre

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?

Á. Füst, J. Tóth, I. Süveges, L. Imre, J. Németh,

Z. Nagy *HUNGARY*

Perforation of corneal ulcer following cross-linking therapy

P. Gain, E. Courrier, E. Crouzet, R. Ziessel, 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. Shamsoddinimotlagh *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*

Comparation 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



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S. Mediero Clemente, A. Boto de los Bueis, E. Gonzalez Sanchez, A. del Hierro Zarzuelo, P. Larrañaga Fragoso, B. Casco Silva, A. García Perea *SPAIN*
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 *PORTUGAL*
Hepatitis C - associated peripheral ulcerative keratitis and scleritis

J. Moore, D. Courtney, S. Atkinson, A. Nesbit, G. Pellegrini, D. Azar, T. Moore *UK*
Matrix metalloproteinases and their role in the pathomechanism of TGFBI-Arg124Cys associated lattice corneal dystrophy type I

L. Papaioannou, O. Psomiadi, P. Theodossiadis, M. Papatthanassiou *GREECE*
Herpes simplex virus endotheliitis presented as bullous keratopathy

C. Pedrosa, B. Feijóo, M. Ramalho, P. Pêgo, C. Vendrell, I. Prieto *PORTUGAL*
Multidrug-resistant fusarium solani keratitis – an inglorious challenge

A. Raghavan, N. Agarwal, R. Rammohan *INDIA*
Is endothelial or endothelial-like rejection possible in DALK ?

A. Rajaraman, V. Vaidee, A. Raghavan, S. Rao *INDIA*
Clinical profile of microsporidial keratoconjunctivitis in immunocompetent individuals

A. Rajaraman, V. Vaidee, A. Raghavan, P. Prakash, M. Palanisamy *INDIA*
In vitro antifungal susceptibilities & clinical efficacy in aspergillus keratitis

S. Saha, J. Sengupta, A. Khetan, D. Banerjee *INDIA*
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 *INDIA*
Biofilm formation by pigmented and non-pigmented fungal pathogens isolated from corneal ulcer

E. Sarnicola, C. Sarnicola, V. Sarnicola *ITALY*
DALK in acanthamoeba akeratitis

K. Schürch, C. Tappeiner, B. Früh-Epstein *SWITZERLAND*
Two cases of peacilomyces iliacus keratitis

O. Shalaby *EGYPT*
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 *PORTUGAL*
Bilateral simultaneous acanthamoeba keratitis – clinical management

Z. Sultan, H. Orlans *UK*
Epidemiology and in vitro antibiotic sensitivities of bacterial keratitis isolates in Colchester, UK

D. Tarnawska, L. Wojcik, E. Wylegała, K. Olejnik *POLAND*
Treatment algorithms for fungal keratitis of various severity and expansion

M. Uddaraju, N. Prajna, J. Mascarenhas, S. Radhakrishnan, L. Aruljyothi *INDIA*
A case of isolated conjunctival Rhonosporidiosis in a 16 year old boy

M. Uddaraju, D. Prajna, D. Das, D. Gudiseva *INDIA*
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 *INDIA*
Infantile corneal trauma study

Keratoconus and Collagen Cross Linking

M. Abdalla, O. Ibrahim, A. Elmasry *EGYPT*
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. Ramezanzadeh, K. Sheibani *IRAN*
Safety and efficacy of corneal collagen cross-linking

M. Al Bdour, N. Bussières, M. Abu Ameerh *JORDAN*
Topographic characteristics of keratoconus in a sample of Jordanian patients

G. Bikbova, M. Bikbov, E. Usubov, G. Bikbova *RUSSIA*
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. Oganisyan *RUSSIA*
Residual ametropia correction by MyoRing exchange

R. Borbara, A. Barbara, M. Naftali *ISRAEL*
Evaluation of intended versus actual intacs intracorneal ring segment depth using oct

A. Cetinkaya, M. Unal, A. Bilgin, H. Ilhan, E. Turkoglu, I. Yucel *TURKEY*
Collagen crosslinking in pseudophakic bullous keratopathy

F. Contieri, R. García Catalán, F. Giménez Almenara, J. Gallardo Galera *SPAIN*
Depth of intracorneal ring segments measured by OCT-mechanical versus femtosecond laser tunnel creation

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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 keratoconic subjects

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Comparison of the visual and refractive outcomes of one segment femtolaser assisted intrastromal corneal ring implantation in post Lasik ectasia and keratoconic 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, 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*

Intrastromal corneal ring segments implantation in paracentral keratoconus with non coincident topographic and coma axis

R. Leite, T. Monteiro, N. Franqueira, F. Faria Correia, K. Sousa, J. Mendes, F. Vaz *PORTUGAL*

Intra-corneal 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. Boccalini, F. Guerra *ITALY*

Corneal collagen cross-linking in keratoconus- densitometric analysis and clinico-instrumental correlation

O. Muftuoglu, O. Ayar, K. Ozulken, A. Kilic *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



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J. Recalde, J. San Cristobal, R. Recalde,

I. Rodriguez-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-Correia,

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-Correia,

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. Dumpati, 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 goldman 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. Wylęgała, 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. Białas, 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. Filipe,

T. Ferreira PORTUGAL

Corneal collagen crosslinking for corneal ectasia secondary to radial keratotomy



H. Mohammad Rabei, A. Shojaei Baghini, K. Sheibani *IRAN*
Central toxic keratopathy after photorefractive surgery

N. Nassiri, F. Mahmoudi Khosravi, K. Sheibani *IRAN*
Visual outcome and contrast sensitivity after photorefractive keratectomy in moderate myopia with two methods-wavefront-optimized and tissue-saving

Miscellaneous

M. Abdalla, O. Ibrahim *EGYPT*
Femtosecond intracorneal rings implataion 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 obstetrics delivery

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

N. Chalvatzis, A. Tzamalís, 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 nanophthalmos

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

K. Emeriewen, Y. Athanasiadis, M. Tsatsos, C. Macgregor *UK*
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 descemetorhexis

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*
Lamellar 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. Elies, J. Güell, J. Pujol Ramo *SPAIN*
Influence of corneal disorders in the ocular optical quality

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

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



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F. Rodrigues, R. Almeida, I. Almeida, M. Ruão, G. Santos, C. Ferreira, R. Soares *PORTUGAL*
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R. Rozycki, D. Białas, I. Nowak-Gospodarowicz, R. Koktyś, M. Rękas *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. Thaug, 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

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A. Acera, J. Etxebarria, J. Granados, R. Campos, I. Martinez-Soraa, 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 staphyloma with rhinosporodiosis using scleral patch graft with modified box sutures

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. Dotrelova *CZECH REPUBLIC*
Changes in corneal subbasal nerve fibers in diabetic patients and their correlation to diabetic retinopathy status

K. Dayawansa *SRI LANKA*
Pterygium surgery following preoperative injection of triamcinolone in to the body of pterygium

A. Del Hierro, B. Ana, R. Irene, R. Isabel *SPAIN*
Plaque braquitherapy 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 ophthalmic 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



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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. Jawaheer, D. Anijeet, K. Ramaesh *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*
Photorefractive Keratectomy in mild to moderate keratoconus- outcomes in over 40-year-old patients

S. Lazreg, M. Benali Abdellah *ALGERIA*
Role of topical Azithromycin in the treatment of children rosacea

A. Leal, J. Gil, I. Laíns, E. Costa, A. Rosa, M. Quadrado, J. Murta *PORTUGAL*
How to avoid recurrence after pterygium surgery

V. Maduro, L. Vieira, A. Santos, D. Amado, J. Ferreira, J. Cunha *PORTUGAL*
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 *SPAIN*
Pigmentary lesions of cornea and conjunctiva. Complications in treatment with mytomicin 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*
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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

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The use of the LipiView in clinical practice to identify patients with reduced meibomian gland function and dry eye

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Treatment response in a clinical trial for dry eye varies with entering level of signs and symptoms

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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,
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Host

EuCornea, Temple House, Temple Road, Blackrock,
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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

All speakers must check or upload their presentation 3 hours prior to their session

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

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Cloakroom

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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.euornea.org. In order to claim credits delegates will be required to complete an online evaluation form when they collect their congress certificate.

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Coffee Breaks

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Friday 12 September	10.30 – 11.00
Saturday 13 September	10.30 – 11.00
	15.00 – 15.30

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The official currency of the Congress is Euro

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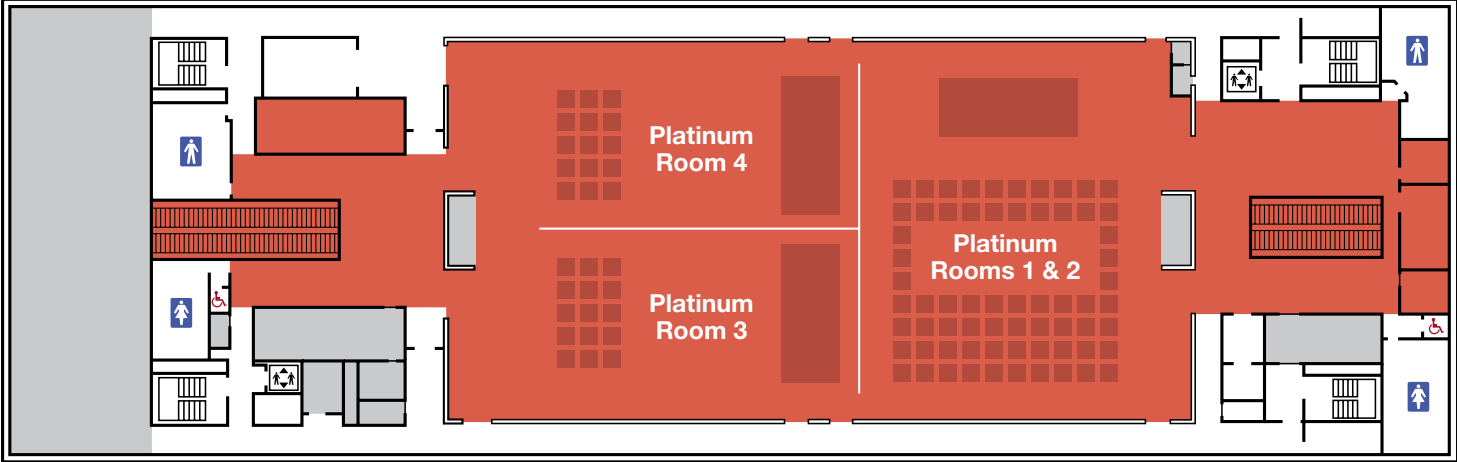
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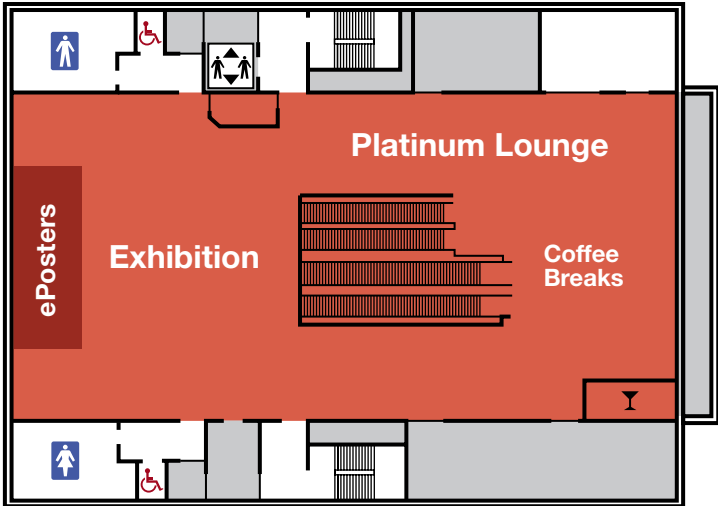
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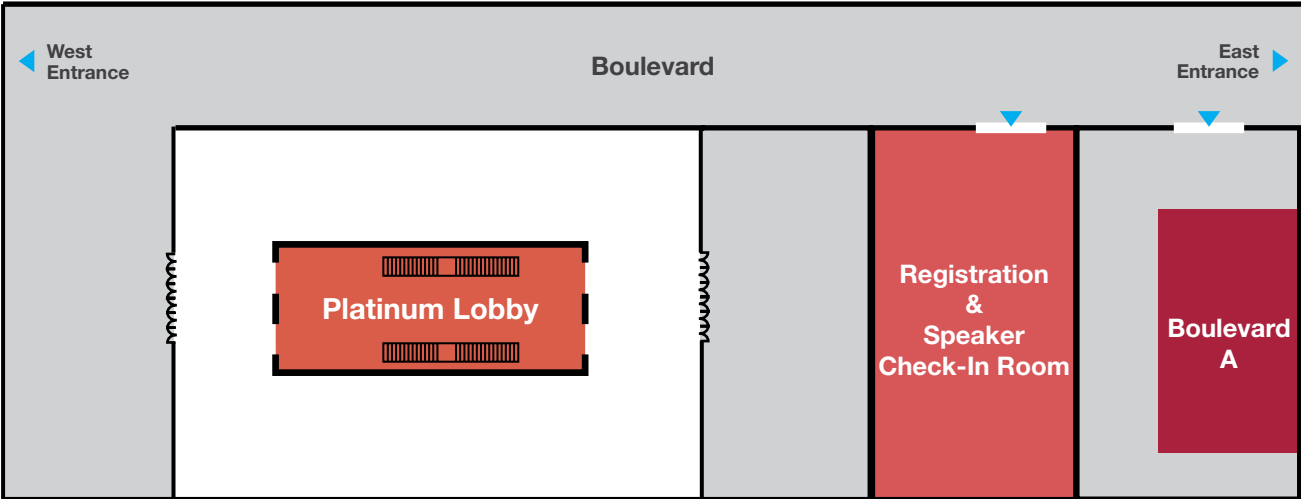
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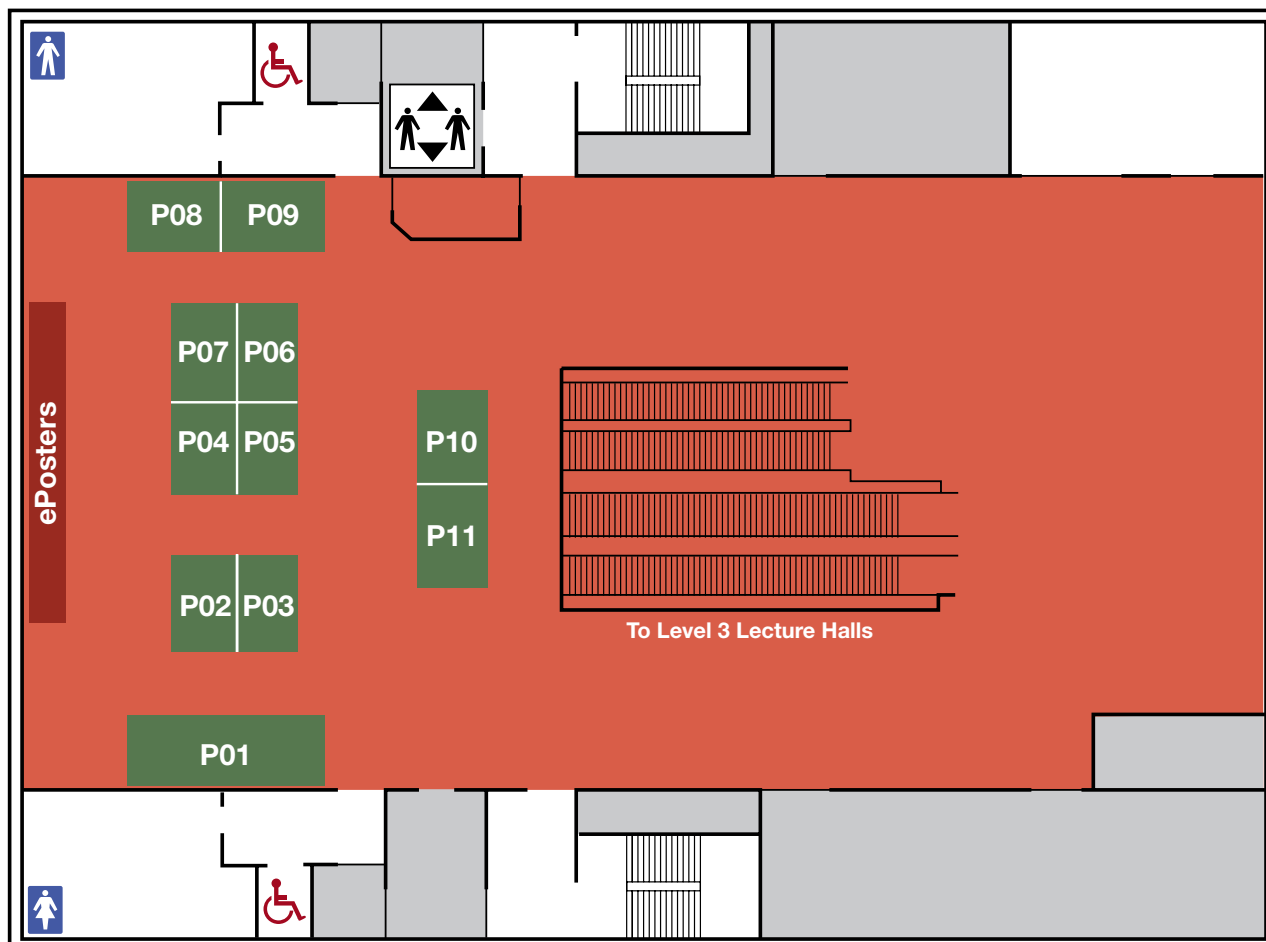


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Exhibition Floorplan

Platinum Suite Level 2



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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*

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Saturday 13 September

Lunchtime Symposium

13.00 – 14.00

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Treating Non-healing Corneal Epithelial Defects

Moderator: H. Dua *UK*

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LABORATOIRES

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Lunchtime Symposium

13.00 – 14.00

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

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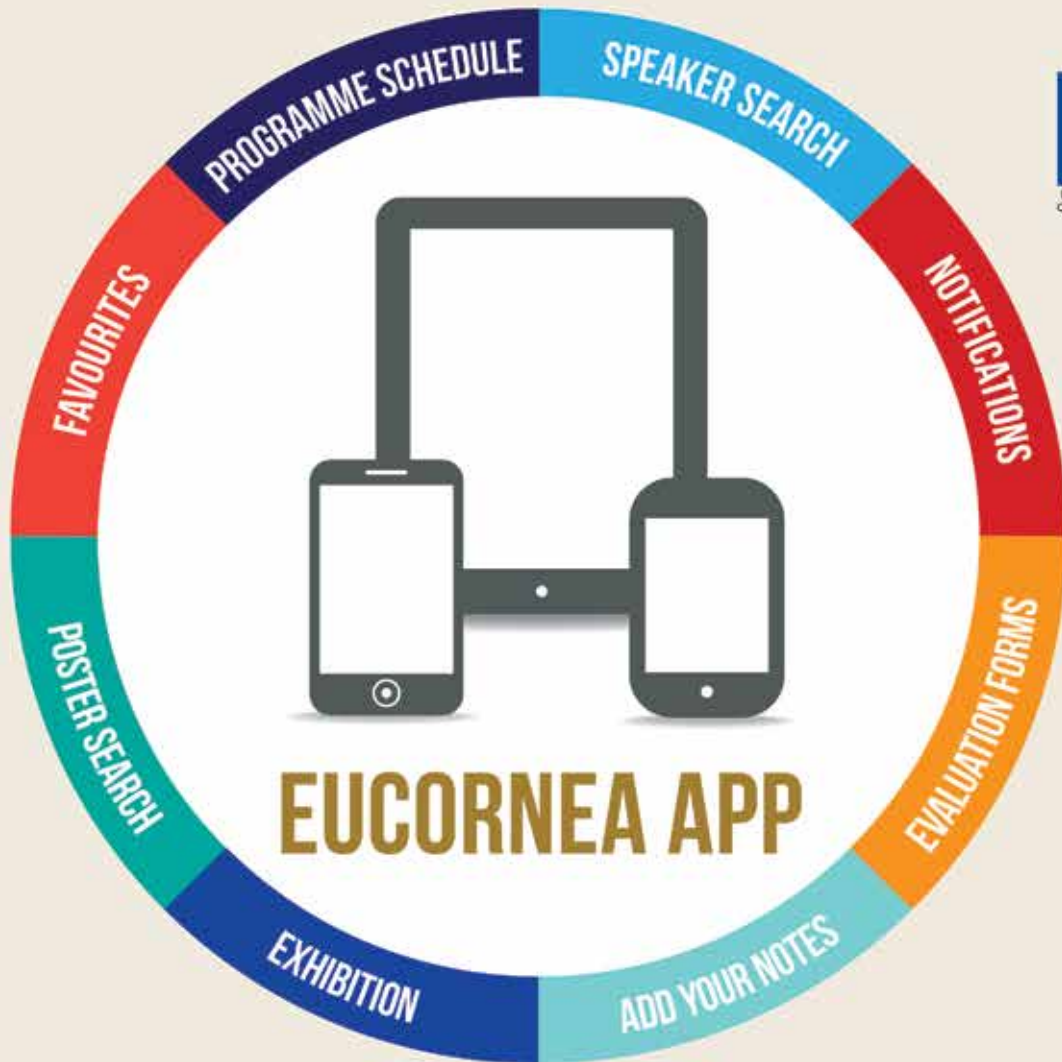


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