



European Society of Cornea and
Ocular Surface Disease Specialists

6th EuCornea Congress

BARCELONA

4–5 September 2015

Programme

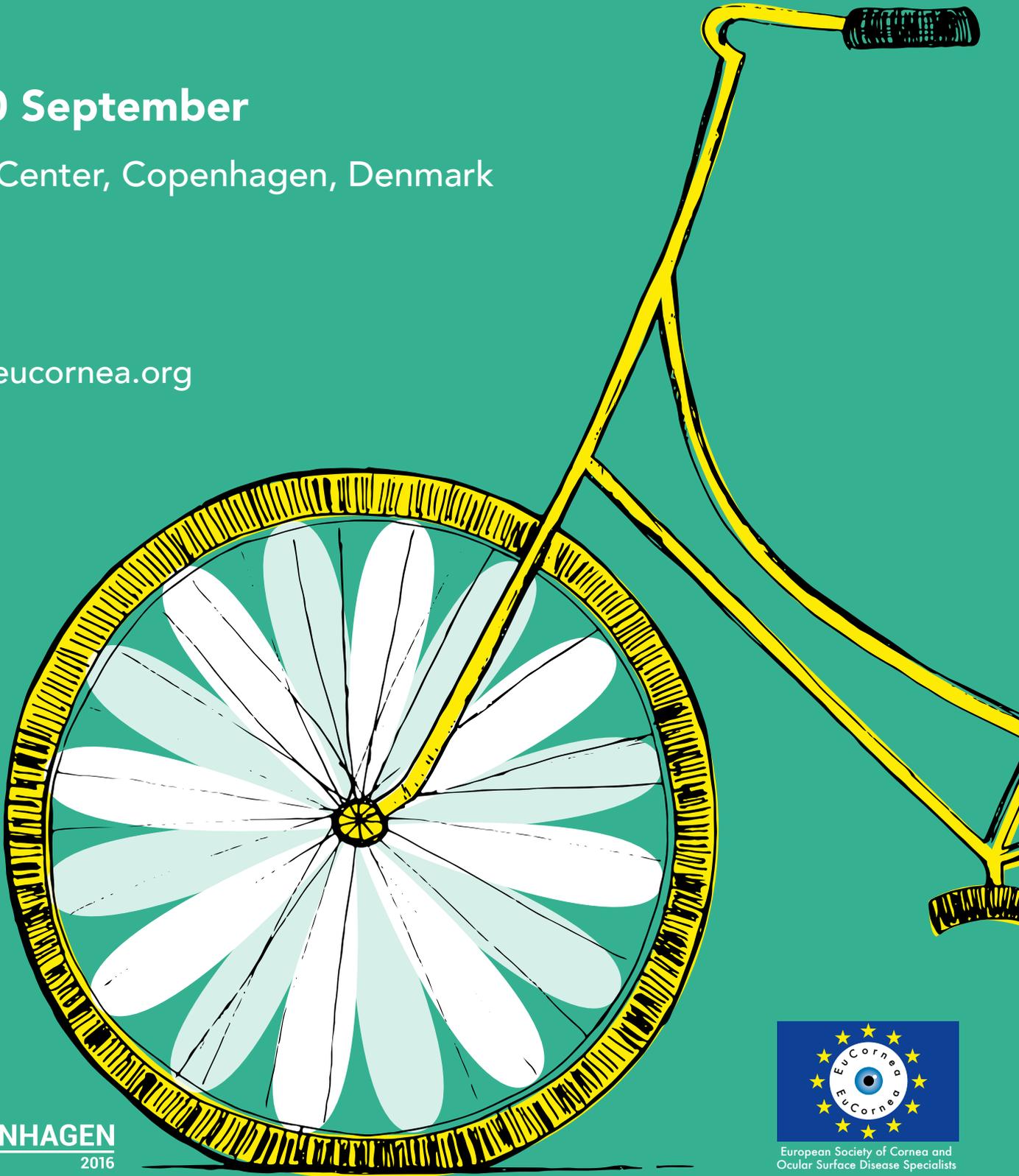


7th EuCornea Congress **COPENHAGEN** 2016

9–10 September

Bella Center, Copenhagen, Denmark

www.eucornea.org



COPENHAGEN
2016



European Society of Cornea and
Ocular Surface Disease Specialists

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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 6th EuCornea Congress here in Barcelona, Spain.

EuCornea is delighted to be partnering its annual meeting in Barcelona with the ESCRS, WSPOS and the ICOI, creating a unique opportunity for delegates to benefit from four excellent scientific programmes, establishing an educational hub in the Fira Barcelona Gran Via over the coming days.

This collaboration has resulted in a joint symposium with ESCRS on 'Cataract Surgery in Ocular Surface Disease' in addition to a joint symposium with WSPOS on 'Paediatrics & Cornea', both of which will take place on Saturday.

The 6th 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 five main symposia, seven focus sessions, four courses and six free paper sessions.

This year EuCornea is honoured to invite John Dart to present this year's Medal Lecture 2015, entitled 'Cicatrising conjunctivitis update: translating research into effective therapies'. This will take place during the Opening Ceremony on Friday 4th September at 16.00.

Finally I would like to thank all organisers and speakers for their invaluable role in creating such a high calibre scientific programme for the 6th Congress.

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

A handwritten signature in black ink, consisting of a stylized 'F' and 'M' joined together.

François Malecaze
President, EuCornea

Friday 4 September

	Room 1	Room 2	Room 3
08.00			
09.00	FREE PAPER 1 Dry Eyes	FREE PAPER 2 Endothelial Keratoplasty	FREE PAPER 3 Recent Developments in Cornea
10.00	Focus Session 1 Dry Eye Diagnosis & Management <i>B. Cochener FRANCE & J. Duran SPAIN</i>	Focus Session 2 Anterior Lamellar Keratoplasty <i>J. Hjortdal DENMARK & L. Fontana ITALY</i>	
11.00	BREAK		
12.00	Focus Session 3 Recent Developments in Cornea <i>T. Fuchsluger GERMANY & H. Dua UK</i>	Focus Session 4 Cornea Complications in Refractive Surgeries <i>G. Kymionis GREECE & J.A. Pereira Gomes BRAZIL in conjunction with Pancornea</i>	
13.00	LUNCH		
14.00		Industry Sponsored Satellite Meeting	Industry Sponsored Satellite Meeting
15.00	Main Symposium 1 Cross Linking 2015 <i>D. Epstein SWITZERLAND, F. Malecaze FRANCE & T. Seiler SWITZERLAND</i>	Skill Transfer Course 1 Corneal Suturing <i>H. Dua UK</i>	
16.00	BREAK		
17.00	Opening Ceremony		
18.00	Main Symposium 2 Expert Presentation of Challenging Cases <i>S. Hannush USA, B. Allan UK & H. Dua UK</i>	Skill Transfer Course 2 Case Complication in Lamellar Cornea Surgery <i>J. Güell SPAIN & R. Nuijts THE NETHERLANDS</i>	
19.00	Welcome Reception		

NEW

Interactive Presented Poster Sessions – Poster Village Pod 2, 11.00 – 12.00 & 14.00 – 15.20

Saturday 5 September

	Room 1	Room 2	Room 3
08.00			
09.00	FREE PAPER 4 Keratoprosthesis	FREE PAPER 5 Endothelium	FREE PAPER 6 Cross-linking
10.00	Focus Session 5 Keratoprosthesis <i>J. De La Cruz USA & C. Liu UK</i>	Focus Session 6 Cornea & Ocular Surface in Glaucoma <i>E. Arrondo SPAIN & A. Labbé FRANCE</i>	
11.00	BREAK		AGM (Members Only)
12.00	Joint Symposium 3 with WSPOS Paediatrics & Cornea <i>B. Cochener FRANCE (EuCornea) & D. Bremond-Gignac FRANCE (WSPOS)</i>	Focus Session 7 Ocular Surface Reconstruction <i>G. Grabner AUSTRIA & D. Tan SINGAPORE</i>	
13.00	LUNCH		
14.00			Industry Sponsored Satellite Meeting
15.00	Joint Symposium 4 with ESCRS Cataract Surgery in Ocular Surface Disease <i>M. Busin ITALY (ESCRS) & J. Güell SPAIN (EuCornea)</i>	Instructional Course 1 Diagnostic Techniques <i>J. Merayo SPAIN & L. Módis HUNGARY</i>	
16.00		BREAK	
17.00	Main Symposium 5 Posterior Lamellar Keratoplasty <i>J. Güell SPAIN, F. Price USA & S. Shimmura JAPAN in conjunction with Asia Cornea Society</i>	Instructional Course 2 Stem Cells Therapy <i>V. Borderie FRANCE & J. Hjortdal DENMARK in conjunction with EEBA</i>	
18.00			

OPENING CEREMONY

Friday 4 September

Room 1

16.00 – 17.00

- 16.00 **F. Malecaze** *FRANCE, PRESIDENT, EUCORNEA*
Introduction and Welcome Address
- 16.05 **J. Güell** *SPAIN,*
IMO. INSTITUTO MICROCIROLOGIA OCULAR CORNEA AND
REFRACTIVE SURGERY DEPARTMENT DIRECTOR
AUTONOMA UNIVERSITY OF BARCELONA
- 16.10 **J. Dart** *UK*
EuCornea Medal Lecture
- 16.40 **F. Malecaze** *FRANCE*
Presentation of EuCornea Medal
- 16.45 **F. Malecaze** *FRANCE*
Best Poster Award
- 16.50 **H. Dua** *UK*
Launch of J. EuCornea
- 17.00 Closing Remarks

EuCornea Medal Lecture



Cicatrising Conjunctivitis Update: Translating Research into Effective Therapies

John Dart *UK*

John Dart has been a Consultant Ophthalmologist, specialising in Corneal & External Diseases at Moorfields Eye Hospital since 1989, and an Hon. Professor at the UCL Institute of Ophthalmology since 2011. His research has focused on the understanding of microbial keratitis, with a special interest in contact lens related and Acanthamoeba Keratitis. He has also pioneered the use of immunosuppressive therapies for severe anterior segment inflammatory disease, and leads research into scarring conjunctivitis. This work has led to 260 publications; including over 200 peer reviewed publications and the awarding of individual grants, as PI or collaborator, of over £4.5m.

Friday 4 September

Room 1

08.00 – 09.00

Free Paper Session 1

Dry Eyes

Moderators: S. Doan *FRANCE*
J. Duran *SPAIN*

- 08.00 A. Cassan, L. Omiel, B. Cochener *FRANCE*
Meibomian gland dysfunction (MGD) and cataract surgery
- 08.06 O. Richoz, J. Moore, T. Moore, E. Pazo, A. Sharma, N. Sharma *UK*
'Eyepeace' is an effective new 'massaging tool' for treatment of evaporative dry eye due to obstructive meibomian gland disease
- 08.12 M.Y. Sayed Saif, M. Ahmed, G. El Motaay, M.Y. Sayed Saif, S. Mohammed *EGYPT*
Changes of tear film and tear secretion after phacoemulsification and manual small incision cataract surgery (SICS)
- 08.18 S. Tomar, E. Ramawat *INDIA*
Simple limbal epithelial transplantation in limbal stem cell deficiency: novel technique with varied indications
- 08.24 E. Pedrotti, M. Passilongo, E. Bruni, G. Marchini *ITALY*
Epithelization patterns in eyes transplanted with limbal stem cells grafts
- 08.30 B. Cantilena, G. Pellegrini, P. Rama, P. Guatelli, M. De Luca *ITALY*
Holoclar manufacturing process guarantees the release of epithelial sheets containing viable limbal stem cells to maximize clinical outcomes
- 08.36 M. Gonzalez-Andrades, A. Cruzat, J. Mauris, L. Alonso-Pastor, C. Dohlman, P. Argueso *USA*
Wound healing on cultured stratified human corneal epithelial cells: a new in vitro model for the evaluation of ocular surface drug effects
- 08.42 O. Buznyk, M. Islam, S. Iakymenko, N. Pasychnikova, M. Griffith *UKRAINE*
Collagen-phosphorylcholine bioengineered cornea for high risk keratoplasty: early observational first-in-human clinical results
- 08.48 Discussion
- 09.00 End of Session

Room 2

08.00 – 09.00

Free Paper Session 2

Endothelial Keratoplasty

Moderators: M. Muraine *FRANCE*
A. Villarrubia *SPAIN*

- 08.00 J. Cabrerizo *SPAIN*
New specific instruments for graft harvesting in Descemet membrane endothelial keratoplasty
- 08.06 R. Quilendrino, L. Baydoun, C. Monnereau, M. Bruinsma, L. Ham, S. Oellerich, G. Melles *THE NETHERLANDS*
Endothelial cell changes as an indicator for upcoming allograft rejection following Descemet membrane endothelial keratoplasty
- 08.12 F. Price Jr., M. Feng, M. Price *USA*
Does donor diabetes affect tissue loss, graft survival and endothelial cell loss with DMEK?
- 08.18 M. Bhogal, B. Allan *UK*
Evaluation of endothelial viability in DMEK grafts performed at an individual cell level
- 08.24 H. Reinshagen, H. Gerding *SWITZERLAND*
Intracameral octafluoropropane endotamponade after Descemet membrane endothelial keratoplasty (DMEK)
- 08.30 M. Muraine, E. Letesson, D. Toubeau, F. Chaventre, S. Lefebvre, J. Gueudry *FRANCE*
Inverted DMEK (Descemet's membrane endothelial keratoplasty): a new solution for preparing endothelial graft and grafting in patients with endothelial pathologies
- 08.36 S. Patel, K. Wacker, J. McLaren, L. Maguire, K. Baratz *USA*
Descemet stripping endothelial keratoplasty for Fuchs endothelial dystrophy: 5 year results of a prospective study
- 08.42 M. Price, F. Price Jr., M. Feng *USA*
Descemet membrane endothelial keratoplasty 5 year survival and causes of graft failure
- 08.48 R. Cobian, P. Sauvageot, J. Alvarez de Toledo, M. de la Paz *SPAIN*
Crescentic lamellar keratoplasty in pellucid marginal degeneration: surgical technique and preliminary results
- 08.54 J. van der Hoek, E. Herz *UK*
DALK and PKP in a remote eye clinic in Cameroon
- 09.00 End of Session

Friday 4 September

Room 3

08.00 – 09.00

Free Paper Session 3

Recent Developments in Cornea

Moderators: T. Fuchsluger *GERMANY*
G. Kymionis *GREECE*

- 08.00 J. Holopainen, A. Robciuc, R. Arvola *FINLAND*
Matrix regeneration therapy: RGTA in-vitro wound healing assessment
- 08.06 E. Ghazaryan *ARMENIA*
Effect of transplanted mesenchymal stem cells on corneal neovascularization: comparison of different application routs
- 08.12 F. Soria Arellano, C. Lachaud, N. Escacena, E. Quesada-Hernnandez, A. Hmadcha, B. Soria, J.L. Alió *SPAIN*
Mesothelial cells: a cellular surrogate for tissue engineering of corneal endothelium
- 08.18 D. Ma, H. Chen, K. Ma, J. Lai *TAIWAN*
Preservation of human limbal epithelial progenitor cells on the basement membrane of cross-linked amniotic membrane via integrin-linked Kinase-mediated Wnt activation
- 08.24 A. Hammer, S. Kling, M. Boldi, O. Richo, D. Tabibian, F. Hafezi *SWITZERLAND*
Establishing corneal cross-linking in mice: biomechanical analysis
- 08.30 B. Byström, F. Jonsson, P. Danielson, I. Golovleva *SWEDEN*
Bothnia corneal dystrophy: mutation in collagen type XVII (COL17A): a novel cause of epithelial recurrent erosion dystrophy (ERED) in northern Sweden
- 08.36 J. Moore, D. Courtney, A. Nesbit, S. Atkinson, E. Maurizi, T. Moore *UK*
Developing mutant allele-specific CRISPR/Cas9 gene editing for dominant-negative genetic eye disease
- 08.42 D. Koch, E. Barragan, A. Chayet, A. Lang *USA*
Mechanism of action and clinical implications of profocal cornea created by transparent hydrogel corneal inlay
- 08.48 Discussion
- 09.00 End of Session

Room 1

09.00 – 10.30

Focus Session 1

Dry Eye Diagnosis & Management

Moderators: B. Cochener *FRANCE*
J. Duran *SPAIN*

- 09.00 J. Benítez del Castillo Sánchez *SPAIN*
Inflammation and dry eye
- 09.12 M. Rolando *ITALY*
The importance of tear clearance in the ocular surface health
- 09.24 F. Grus *GERMANY*
New biomarkers
- 09.36 B. Cochener *FRANCE*
New exploration
- 09.42 M. Nubile *ITALY*
In-vivo confocal microscopy in limbal stem cell deficiency
- 09.48 S. Doan *FRANCE*
Advances in dry eye treatment
- 10.00 L. Schmettrr *AUSTRIA*
Changes in tear film thickness after administration of topical lubricants in dry eye patients
- 10.06 M.Y. Sayed Saif *EGYPT*
Effect of hormonal contraception on eye dryness
- 10.12 Discussion
- 10.30 End of session

Friday 4 September

Room 2

09.00 – 10.30

Focus Session 2

Anterior Lamellar Keratoplasty

Moderators: **L. Fontana** *ITALY*
J. Hjortdal *DENMARK*

- 09.00 **S. Hannush** *USA*
DALK as alternative to PK for keratoconus: evidence from the literature
- 09.12 **H. Dua** *UK*
The relevance of graft-host interface on the visual outcomes after DALK
- 09.24 **D. Tan** *USA*
DALK after DSEK
- 09.36 **S. Yoo** *USA*
Present and future role of femtosecond technology for ALK
- 09.48 **R. Cobian** *SPAIN*
Crescentic lamellar keratoplasty in pellucid marginal degeneration: Surgical technique and preliminary results
- 09.54 **J. van der Hoek** *UK*
DALK and PKP in a remote eye clinic in Cameroon
- 10.00 **M. Busin** *ITALY*
Microkeratome-assisted ALK for superficial and mid-stromal opacities
- 10.14 Discussion
- 10.30 End of session

Room 1

11.00 – 12.30

Focus Session 3

Recent Developments in Cornea

Moderators: **H. Dua** *UK*
T. Fuchsluger *GERMANY*

- 11.00 **F. Hafezi** *SWITZERLAND*
Corneal cross-linking (PACK-CXL) as a first line treatment for small ulcers: first results of the Swiss prospective randomized multicenter trial
- 11.10 **D.G. Said** *EGYPT*
Collagen cross-linking as treatment for infectious keratitis
- 11.20 **H. Dua** *UK*
Pre-Descemet's endothelial keratoplasty
- 11.30 **J. Hjortdal** *DENMARK*
Arhus: Functional testing of diseased and grafted corneal endothelium
- 11.40 **T. Fuchsluger** *GERMANY*
Endothelial keratoplasty: Update from lab and clinic
- 11.50 **S. Kinoshita** *JAPAN*
Cell therapy for bullous keratopathy
- 12.00 **L. Mastropasqua** *ITALY*
Interferometric polarimetry for the analysis of the corneal stroma
- 12.10 Discussion
- 12.30 End of session

Friday 4 September

Room 2

11.00 – 12.30

Focus Session 4

in conjunction with Pancornea

Cornea Complication in Refractive Surgeries

Moderators: **G. Kymionis** *GREECE*
J.A. Pereira Goméz *BRAZIL*

- 11.00 **R. Ambrosio** *BRAZIL*
LASIK: Doc, my eyes got dry
- 11.10 **J.L. Alió** *SPAIN*
Unexpected astigmatism after astigmatic refractive surgery
- 11.20 **B. Cochener** *FRANCE*
Mycoticin and corneal nightmares
- 11.30 **B. Randleman** *USA*
Post-refractive corneal ectasia
- 11.40 **F. Hafezi** *SWITZERLAND*
LASIK Recurrent-recurrent epithelial ingrowth
- 11.50 **A.J. Kanellopoulos** *GREECE*
PRK-Cross-linking got too hard
- 12.00 **J.S. Mehta** *SINGAPORE*
SMILE or FROWN
- 12.10 **S. Yoo** *USA*
My flap got in infiltrate
- 12.20 Discussion
- 12.30 End of session

Room 1

14.00 – 15.30

Main Symposium 1

Cross Linking 2015

Moderators: **D. Epstein** *SWITZERLAND*
F. Malecaze *FRANCE*
T. Seiler *SWITZERLAND*

- 14.00 **W. Dupps** *USA*
Biomechanics of the cross-linked cornea
- 14.15 **F. Raiskup** *GERMANY*
Long-term results
- 14.30 **F. Malecaze** *FRANCE*
Epi on vs. epi off CXL
- 14.45 **T. Seiler** *SWITZERLAND*
Complications of CXL
- 15.00 **B. Früh** *SWITZERLAND*
Demarcation line and clinical results
- 15.15 **G. Kymionis** *GREECE*
CXL combined with refractive procedures
- 15.30 End of session

Friday 4 September

Room 2

14.00 – 15.30

Skill Transfer Course 1

Corneal Suturing

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

Course Focus:

Suture materials: threads and needles

Suturing corneal lacerations

Suturing in penetrating keratoplasty

Suturing in deep anterior lamellar keratoplasty

Miscellaneous: Suturing of phaco burns; compression sutures, cataract and endothelial keratoplasty incisions when needed

Suture related complications and their management

Room 1

17.00 – 18.30

Main Symposium 2

Expert Presentation of Challenging Cases

Moderators: B. Allan *UK*
H. Dua *UK*
S. Hannush *USA*

- 17.00 **F. Hafezi** *SWITZERLAND*
Collagen cross-linking in paediatric keratoconus
- 17.09 **D.G. Said** *EGYPT*
Melanocytic conjunctival lesion
- 17.18 **D. Tan** *SINGAPORE*
DALK after DSEK with residual stromal scar
- 17.27 **G. Zaidman** *USA*
Nocardia keratitis: diagnosis and management
- 17.36 **R. Nuijts** *THE NETHERLANDS*
Epithelial downgrowth after phakic IOL implantation
- 17.45 **T. Katamish** *EGYPT*
DALK: When the big bubble collapses
- 17.54 **J. Güell** *SPAIN*
Endothelial keratoplasty (DMEK) nightmare
- 18.03 **J. Hjortdal** *DENMARK*
Iris/ anterior chamber epithelial inclusion cyst
- 18.12 **B. Cochener** *FRANCE*
Anterior lamellar keratoplasty: a forgotten therapeutic modality?
- 18.21 Discussion
- 18.30 End of session



Friday 4 September

Room 2

17.00 – 18.30

Skill Transfer Course 2

Case Complications in Lamellar Cornea Surgery

Moderators: J. Güell *SPAIN*
R. Nuijts *THE NETHERLANDS*

- 17.00 C. Cursiefen *GERMANY*
IOP rise and cystoid macular eden
- 17.12 J. Hjortdal *DENMARK*
Irregular astigmatism after superficial anterior keratoplasty
- 17.24 A. Sabala *SPAIN*
Triple anterior chamber following anterior lamellar keratoplasty (DALK)
- 17.36 A. Villarrubia *SPAIN*
DALK small bubble technique assisted with femtosecond laser to avoid the extreme likelihood of breaking Descemet membrane at the junction between the donor and host cornea
- 17.48 A. Kobayashi *JAPAN*
DMEK for shallow chamber
- 18.00 N. Maeda *JAPAN*
Interface infection following selective lamellar keratoplasty
- 18.12 Discussion
- 18.30 End of session

Saturday 5 September

Room 1

08.00 – 09.00

Free Paper Session 4

Keratoprosthesis

Moderators: J. Echevarria *SPAIN*
C. Liu *UK*

- 08.00 E. Duignan, S. Ní Dhubhghaill, C. Malone, W. Power *IRELAND*
Long-term visual acuity, retention and complications observed with the type I and type II Boston keratoprosthesis in an Irish population
- 08.06 M. de la Paz, J. Alvarez de Toledo, R. Barraquer, R. Michael, O. Seyeddain, G. Grabner *SPAIN*
Boston KPro in high risk cases
- 08.12 B. Salvador-Culla, P. Kolovou, L. Arzeno, S. Martinez, C. Dohlman, M. Lopez *USA*
Anatomical and visual outcomes after Boston keratoprosthesis type 1 in chemical burns
- 08.18 J. Aquavella *USA*
Infant keratoprosthesis
- 08.24 A. Abdelghany, J.L. Alió *SPAIN*
Keraklear keratoprosthesis: 2 year follow-up
- 08.30 V. Avadhanam, K. Sahota, S. El-Zahab, C. Liu *UK*
Laminar resorption in osteo-odonto (OOKP) and tibial keratoprosthesis (OKP)
- 08.36 V. Avadhanam, G. Ingavle, C. Liu, S. Sandeman *UK*
An engineered hydrogel-based double network composite for synthetic osteo-odonto-keratoprosthesis skirt
- 08.42 A. Crnej *USA*
Cytokine inhibitors protect posterior segment of the eye after m-KPro implantation: an animal study
- 08.48 Discussion
- 09.00 End of session

Saturday 5 September

Room 2

08.00 – 09.00

Free Paper Session 5

Endothelium

Moderators: **F. Kruse** *GERMANY*
T. Sabala *SPAIN*

- 08.00 **P. Studeny, D. Krizova, P. Kuchynka** *CZECH REPUBLIC*
Evaluation of factors influencing big bubble creation in donor corneas
- 08.06 **J. Quadrado Gil, A. Rosa, E. Costa, C. Tavares, M. Quadrado, J. Murta** *PORTUGAL*
The effect of donor age on endothelial keratoplasty: Descemet stripping automated endothelial keratoplasty (DSAEK) compared with penetrating keratoplasty
- 08.12 **V. Maduro, N. Alves, N. Silva, J. Feijao, C. Batalha, P. Candelaria** *PORTUGAL*
Corneal visual rehabilitation in patients with phakic IOL related endothelial decompensation: clinical outcomes
- 08.18 **K. Termote, H. Meadows, V. White, M. McCarthy, S. Holland** *BELGIUM*
Illustration of tissue harvesting for pre-Descemet's endothelial keratoplasty: pearls and pitfalls learned from a series of ex-vivo pneumodissections
- 08.24 **P. Chua, V. Shankar, A. Reddy** *UK*
Cellulose spears to dry donor corneal tissue in the preparation of ultrathin endothelial keratoplasty: correlation between duration of drying and residual corneal thickness
- 08.30 **A. Duncombe, P. Rossi, D. Toubeau, J. Gueudry, M. Muraine** *FRANCE*
Inverted ultrathin DSEK (Descemet stripping endothelial keratoplasty): comparison with DSAEK (automated Descemet stripping endothelial keratoplasty) in Fuchs dystrophy: a prospective study
- 08.36 **M. Hovlykke, A. Ivarsen, J. Hjortdal** *DENMARK*
Venting incisions impact on astigmatism, aberrations, visual acuity and graft detachment in Descemet stripping automated keratoplasty (DSAEK) for Fuch's endothelial dystrophy
- 08.42 **E. Mrukwa-Kominek, R. Kinasz, M. Nowak, M. Swoboda, E. Mielniczuk, S. Sapeta** *POLAND*
Ocular surface in patients treated with anti-glaucoma medication
- 08.48 Discussion
- 09.00 End of session

Room 3

08.00 – 09.00

Free Paper Session 6

Cross-Linking

Moderators: **F. Malecaze** *FRANCE*
L. Mastropasqua *ITALY*

- 08.00 **V. Borderie, F. Andreiuolo, K. Grieve, C. Georgeon, M. Pacques** *FRANCE*
Features of keratoconic corneal anatomy observed with multiple imaging modalities and histology
- 08.06 **K. van Dijk, V. Liarakos, J. Parker, L. Ham, J. Lie, E. Groeneveld-van Beek, G. Melles** *THE NETHERLANDS*
Bowman layer transplantation to reduce and stabilize progressive, advanced keratoconus
- 08.12 **D. Tabibian, S. Kling, F. Hafezi** *SWITZERLAND*
No additional biomechanical effect of CXL after repeated in vivo treatment in mice
- 08.18 **S. Kling, A. Hammer, D. Tabibian, O. Richo, A. Agarwal, S. Jacob, F. Hafezi** *SWITZERLAND*
Biomechanical efficacy of UV cross-linking protocols in thin versus thick corneas
- 08.24 **J. Brekelmans, A. Goz, A. Brandis, Y. Salomon, A. Marcovich, R. Nuijts, A. Scherz** *THE NETHERLANDS*
Ultrafast corneal stiffening by WST11-D and near infra red (NIR) illumination: 1, 5, or 30 minutes?
- 08.30 **J.T. Lin** *TAIWAN*
A new theory for the dynamic safety dose and efficacy of UV corneal collagen cross-linking
- 08.36 **S. Rachapalle Reddi, P. Padmanabhan** *INDIA*
Long-term results of collagen cross-linking (CXL) for progressive keratoconus in paediatric age group
- 08.42 **P. Padmanabhan, S. Rachapalle Reddi** *INDIA*
Corneal collagen cross-linking (CXL) comparison of response in paediatric and adult keratoconic patients
- 08.48 Discussion
- 09.00 End of session

Saturday 5 September

Room 1

09.00 – 10.30

Focus Session 5

Keratoprosthesis

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

- 09.00 **J. Chodosh** *USA*
KPRO Type II and its latest developments
- 09.10 **J. Echevarria** *SPAIN*
KPRO Type I rescue techniques in salvaging and preventing extrusion or explantation
- 09.20 **C. Liu** *UK*
MOOKP: What have we learned in the last 10 years?
- 09.30 **S. Hannush** *USA*
Learning from the extreme: What I have learned from KPRO that has made me a better corneal surgeon
- 09.40 **M. de la Paz** *SPAIN*
Tibial OOKP; What have we learned and how we can translate that to other KPROS
- 09.50 **M. Soledad Cortina** *USA*
What I know now that I wish I knew when I started; Five new concepts that can improve long-term outcomes in KPRO
- 10.00 **A.J. Kanellopoulos** *GREECE*
KeraKlear non-penetrating artificial cornea: outcomes and novel implantation techniques
- 10.10 **J. de la Cruz** *USA*
Knowledge in numbers; The importance of developing a database of keratoprosthesis outcomes
- 10.30 End of session

Room 2

09.00 – 10.30

Focus Session 6

Cornea & Ocular Surface
in GlaucomaModerators: **E. Arrondo** *SPAIN*
A. Labbé *FRANCE*

- 09.00 **T. Vajaranant** *USA*
Alternative methods for IOP measurement in cornea and ocular surface diseases
- 09.12 **A. Labbé** *FRANCE*
Consequences of ocular surface diseases on glaucoma management
- 09.24 **J. Torras** *SPAIN*
Restoring ocular surface damaged by glaucoma drugs
- 09.36 **V. Borderie** *FRANCE*
Prevalence of post-keratoplasty glaucoma
- 09.48 **E. Arrondo** *SPAIN*
Management of glaucoma associated with corneal grafts
- 10.00 **E. Mrukwa-Kominek** *POLAND*
Ocular surface in patients treated with anti-glaucoma medication
- 10.06 Discussion
- 10.30 End of session

Saturday 5 September

Room 1

11.00 – 12.30

Main Symposium 3

EuCornea/WSPOS Symposium

Paediatrics & Cornea

Moderators: **B. Cochener** *FRANCE (EUCORNEA)*
D. Bremond-Gignac *FRANCE (WSPOS)*

- 11.00 **P. Nucci, E. Villani** *ITALY*
In vivo confocal microscopy of the ocular surface
- 11.15 **D. Bremond-Gignac, F. Chiambaretta** *FRANCE*
How to manage ocular surface and keratoplasty in children with aniridia
- 11.30 **J.J. Gicquel** *FRANCE*
Ocular surface burns management in children
- 11.45 **K.K. Nischal** *USA/UK*
Keratoplasty in children
- 12.00 **M. Labetoulle** *FRANCE*
Viral infections in children
- 12.15 **B. Früh** *SWITZERLAND*
Keratoconus in children
- 12.30 End of session

Room 2

11.00 – 12.30

Focus Session 7

Ocular Surface Reconstruction

Moderators: **G. Grabner** *AUSTRIA*
D. Tan *SINGAPORE*

- 11.00 **S. Shimura** *JAPAN*
Microkeratome assisted PEA
- 11.12 **S. Kinoshita** *JAPAN*
Ocular surface reconstruction in Stevens Johnson syndrome
- 11.24 **J. Chodosh** *USA*
Update on Boston KPro types I and II for ocular surface diseases
- 11.36 **K. Hille** *GERMANY*
Update on OOKP
- 11.48 **S. Kaminski** *AUSTRIA*
Amniotic membrane Tx
- 12.00 **N. Sharma** *INDIA*
Tips for phacoemulsification in ocular surface diseases
- 12.12 Discussion
- 12.30 End of session

Saturday 5 September

Room 1

14.00 – 16.00

Main Symposium 4

EuCornea/ESCRS Symposium

Cataract Surgery in Ocular Surface Disease

Moderators: **M. Busin** *ITALY (ESCRS)*
J. Güell *SPAIN (EUCORNEA)*

- 14.00 **D. Zadok** *ISRAEL*
Is meibomian gland dysfunction a risk factor?
- 14.15 **J. Benítez del Castillo Sánchez** *SPAIN*
Dry eye as a trouble-maker
- 14.30 Discussion
- 14.40 **F. Kruse** *GERMANY*
Ocular surgery in the presence of limbal cell dysfunction
- 14.55 **B. Allan** *UK*
Procedures in the herpetic eye
- 15.10 Discussion
- 15.20 **S. Bonini** *ITALY*
Does allergic eye disease influence surgical strategy?
- 15.35 **P. Fagerholm** *SWEDEN*
Epithelial basement membrane dystrophy: how to avoid problems
- 15.50 Discussion
- 16.00 End of session

Room 2

14.00 – 15.30

Instructional Course 1

Diagnostic Techniques

Moderators: **J. Merayo** *SPAIN*
L. Módis *HUNGARY*

- 14.00 **P. Aragona** *ITALY*
Laboratory test on the diagnosis of ocular surface disorders
- 14.12 **J. Merayo** *SPAIN*
Inervation matters? Diagnostic techniques for evaluation of corneal innervation
- 14.24 **M.J. Tassignon** *BELGIUM*
Pre- and intra-operative anterior segment OCT
- 14.36 **E. Wylegala** *POLAND*
Topography and tomography of the cornea
- 14.48 **C. Cursiefen** *GERMANY*
Evaluation of haematic and lymphatic vessels in corneal neovascularization
- 15.00 **L. Módis** *HUNGARY*
Evaluation of corneal endothelial dysfunction
- 15.12 Discussion
- 15.30 End of session

Saturday 5 September

Room 1

16.00 – 17.30

Main Symposium 5

in association with the Asia Cornea Society

Posterior Lamellar Keratoplasty

Moderators: **J. Güell** *SPAIN*
F. Price *USA*
S. Shimura *JAPAN*

- 16.00 **F. Kruse** *GERMANY*
Anatomical considerations for endothelial transplantation
- 16.14 **M. Price** *USA*
Comparing PK with DSAEK and DMEK: midterm results concerning endothelial cells and rejection
- 16.28 **N. Okumura** *JAPAN*
How to make cornea endothelial cells
- 16.42 **S. Kinoshita** *JAPAN*
The future of endothelial transplantation - do we need grafts?
- 16.56 **K. Nishida** *JAPAN*
Development of corneal endothelial keratoplasty from DSAEK to regenerative medicine
- 17.10 **M. Morral, E. Segovia** *SPAIN*
Descemet membrane endothelial keratoplasty in failed penetrating keratoplasty grafts
- 17.16 Discussion
- 17.30 End of session

Room 2

16.00 – 17.30

Instructional Course 2

in conjunction with the EEBA

Stem Cells Therapy

Moderators: **V. Borderie** *FRANCE*
J. Hjortdal *DENMARK*

- 16.00 **F. Majo** *SWITZERLAND*
Normal and abnormal differentiation of the ocular surface epithelia
- 16.18 **V. Borderie** *FRANCE*
The mammalian limbal stem cell niche
- 16.36 **P. Rama** *ITALY*
Rational assessment of the ocular surface condition to determine the best therapeutic strategy in regenerative medicine
- 16.54 **H. Dua** *UK*, **M. Nubile** *ITALY*
Therapeutic options in limbal deficiency
- 17.12 **F. Figueiredo** *UK*
Stem cell transplantation in bilateral limbal deficiency
- 17.30 End of session

Shortlisted Posters

INTERACTIVE

Friday 4 September

11.00 – 12.00

Presented Poster Session 1

Poster Village: Pod 2

- 11.00 **M. El-Bahrawy** *SPAIN*
 Topical 100% autologous eye platelet-rich plasma as the only treatment of persistent corneal ulcer
- 11.10 **M. El-Bahrawy** *SPAIN*
 Topical 100% autologous eye platelet-rich plasma as the only treatment of post-surgical epithelial defects
- 11.20 **N. Bouheraoua** *FRANCE*
 Decreased corneal sub-basal nerve plexus density, thinned corneal epithelium and diminished corneal sensation as a result of 360 degree laser retinopexy
- 11.30 **G. Drozhzhyna** *UKRAINE*
 Therapeutic keratoplasty in the rehabilitation of patients with severe inflammatory corneal disorders
- 11.40 **A. Al Saati** *SAUDI ARABIA*
 Long-term outcome of Moorn's Ulcer in a tertiary eye hospital
- 11.50 **L. Jouve** *FRANCE*
 A 18 months follow-up of iontophoresis for corneal collagen cross-linking to treat keratoconus: efficacy, anterior segment optical coherence tomography and confocal microscopy
- 12.00 End of session

Friday 4 September

14.00 – 15.20

Presented Poster Session 2

Poster Village: Pod 2

- 14.00 **M. Kamel** *EGYPT*
 Anatomic and visual outcomes of corneal transplantation during infancy
- 14.10 **M. Kamel** *EGYPT*
 Central corneal thickness in children
- 14.20 **M. Labetoulle** *FRANCE*
 Evaluating the safety and efficacy of a polyethylene glycol/propylene glycol based lubricant eye drop in patients with dry eye
- 14.30 **A. Plouhinec** *FRANCE*
 When scleral contact lenses come to pathologic cornea's rescue
- 14.40 **M. Ray** *SINGAPORE*
 Surgical treatment outcome of medically refractory giant papillary conjunctivitis
- 14.50 **C. Temstet** *FRANCE*
 Long-term follow-up of fungal contamination of contact lenses storage cases (2000-2012)
- 15.00 **P. Vetpillai** *UK*
 Histological evidence of endothelial cell motility following failed DMEK for Fuchs' Dystrophy
- 15.10 **M. Ziaei** *UK*
 Long-term outcomes of keratolimbal allografts and conjunctival limbal autografts for total limbal stem cell deficiency
- 15.20 End of session



Join the presenters of this year's shortlisted posters at the Poster Village, Pod 2, to discuss their posters

Poster Presentations

Basic Science

P. Beliakouski, M. Pazniak, S. Pazniak, M. Kovchel *BELARUS*

To research the effectiveness of autologous segments corneal limbus transplantation on manifestation of optic neuropathy and macular degeneration

M. Contreras-Diaz, A. Munoz-Morales, B. Balboa-Huguet, S. Galvez-Carvajal, J. Del Trigo-Zamora, J. Sanchez-Vicente, L. Llerena-Manzorro *SPAIN*

Inhibition of corneal angiogenesis by diclofenac, ketorolac and etanercept in an animal model

H. Deng, X. Zhou, J. Meng, Q. Chen, Y. Tian, X. Zhang *CHINA*

A study on effects of bilberry anthocyanin on form-deprivation myopia in guinea pig and its mechanism

M. Diab, A. Al Amri, A. Samir, S. Eissa, A. Sweallim *SAUDI ARABIA*

Measurement of corneal hysteresis, corneal resistance factor and intraocular

L. Faraj, A. Yeung, D. Said, M. Branch, M. ElAlfy, H. Dua *UK*

Posterior corneal anatomy in a newborn baby

S. Galvez-Carvajal, A. Munoz-Morales, M. Contreras-Diaz, B. Balboa-Huguet, A. Alfaro-Juarez, M. Caro-Magdaleno, J. Del Trigo-Zamora *SPAIN*

Inhibition of corneal neovascularization with different concentrations of ascorbic acid

V. Huerva, I. Caral, J. Soldevila, C. Jurjo *SPAIN*

Recurrence of amyloid deposition in the graft performed in cases of in lattice corneal dystrophy type 2

D. McCanna, M. Xu, J. Sivak *CANADA*

Determination of the toxicity of benzalkonium chloride using whole bovine lens culture and human corneal epithelial cells

A. Munoz-Morales, A. Alfaro-Juarez, S. Galvez-Carvajal, M. Contreras-Diaz, J. Del Trigo-Zamora, B. Balboa-Huguet, G. Peyman *SPAIN*

Inhibition of corneal angiogenesis by ascorbic acid in an animal model

P. Ramos *PORTUGAL*

Inpatient comparative post bilateral CXL epithelization study

N. Szentmary, M. Wu, T. Stachon, J. Wang, X. Song, A. Langenbacher, B. Seitz *GERMANY*

Effect of amniotic membrane suspension and amniotic membrane homogenate on human corneal epithelial cell viability, migration and proliferation in vitro

C. Whitford, C. Boote, K. Meek, A. Elsheikh *UK*

Numerical assessment of corneal transplant surgery based on changes in microstructure

J. Zhao, H. Deng, L. He, T. Zhu *CHINA*

Study on the correlation of HLA-DPA1 and-DPB1 polymorphisms with Posner Schlossman syndrome in Guangdong Chinese Han population

Contact Lenses

A. Cetinkaya, M. Unal, I. Yucel, G. Kocak *TURKEY*

Toris K contact lens fitting in patients with keratoconus

C. MacGregor, M. Tsatsos, D. Anderson, P. Hossain *UK*

Does better contact lens hygiene awareness keep the doctor away?

A. Plouhinec, A. Larvor, B. Cochener *FRANCE*

When scleral contact lenses come to pathologic cornea's rescue

S. Yahiaoui *QATAR*

Orthokeratology, is it safe and efficient?

DALK & PK

E. Al Alawi, G. Albayat, H. Alsawad, F. Mukhtar *BAHRAIN*

Indications and outcome of penetrating keratoplasty among children

N. Alqahtani *SAUDI ARABIA*

Nawaf's modified graft over host technique to counter positive posterior pressure (PPP) during penetrating keratoplasty (PKP)

S. Banerjee, T. Chowdhury, A. Mohanta *INDIA*

Salvaging DALK with micro-bubble in failed "big bubble" cases

A. Canovetti, P. Ferrara, A. Malandrini, F. Rossi,

L. Menabuoni *ITALY*

Anvil-profiled penetrating keratoplasty: load resistance evaluation

A. Hamilton, R. Massera, A. Maloof *AUSTRALIA*

Influenza vaccination: a cause of rejection in DALK?

A.J. Kanellopoulos, G. Asimellis *GREECE*

Fourier domain anterior-segment OCT evaluation of DSAEK graft thickness

P. Loriaut, O. Sandali, M. El Sanharawi, I. Goemaere,

V. Borderie, L. Laroche *FRANCE*

A new combined technique of deep intrastromal arcuate keratotomy with in situ keratomileusis (DIAKIK) for treatment of high post-keratoplasty astigmatism

B. Malyugin *RUSSIA*

Intraoperative OCT-assisted DALK technique

A. Raghavan, S. Somapalan *INDIA*

Cataract surgery after therapeutic keratoplasty: what does it herald for the graft?

T. Sabala, A. Arango, N. Romanic *SPAIN*

Clinical outcomes of big bubble type 2 & 3 in deep anterior lamellar keratoplasty

T. Salvador Playa, E. Pedemonte-Sarrias *SPAIN*

Stromal graft rejection after dry manual dissection deep anterior lamellar keratoplasty (dry-DALK)

Poster Presentations

A. Tourkmani, V. Sanchez-Huerta, G. de Wit, J. Martinez, D. Mingo, I. Jimenez-Alfaro, I. Mahillo-Fernandez *UK*
Weighing of risk factors for penetrating keratoplasty graft failure: a proposal for a modified risk score

P. Vinciguerra, F. Camesasca, S. Trazza, R. Vinciguerra *ITALY*
Long-term resolution of immunological graft rejection following a dexamethasone intravitreal implant

L. Violante, N. Oliveira, E. Costa, A. Rosa, M. Quadrado, J. Murta *PORTUGAL*
Outcomes of deep anterior lamellar keratoplasty following successful and failed "big bubble"

E. Wroblewska-Czajka, E. Wylegala, D. Tarnawska, D. Dobrowolski, B. Wowra *POLAND*
Outcomes of the keratoplasty for corneal perforation

EK & PK

J. Alió del Barrio, M. Ziaei, M. Bhogal, B. Allan *UK*
Femtosecond laser-assisted deep lamellar endothelial keratoplasty: an obsolete technique?

F. Arnalich Montiel, A. Casado, A. Perez Sarregui *SPAIN*
Corneal edema 24 hours after the surgery may predict DMEK success

B. Bachmann, S. Sousa, M. Matthei, C. Cursiefen, C. Cunha, D. Sousa-Martins, S. Siebelmann *GERMANY*
A lutein and Brilliant Blue based dye for donor preparation and transplantation in Descemet membrane endothelial keratoplasty (DMEK)

R. Barbara, A. Turnbull, S. Makuloluwe, P. Hossian, D. Anderson *UK*
Less recognised advantages of secondary DSEK in failed PK

V. Bersudsky, S. Rumelt *ISRAEL*
A comparison between Descemet stripping automated endothelial keratoplasty (DSAEK) and non-DSAEK

J. Cabrerizo, J. Garrido, H. Marin *SPAIN*
Corneal endothelial cell calculation in corneal grafts

E. Casswell, O. Bowes, A. Barsam *UK*
Endothelial cell loss following needle-push insertion Descemet's stripping endothelial keratoplasty (DSEK)

N. Cesario Pereira, A. dos Santos Forseto, A. Moriyama, E. Diniz, P. Serapicos, J. Pereira Gomes *BRAZIL*
Descemet membrane endothelial keratoplasty combined with femtosecond laser sutureless anterior lamellar keratoplasty to treat endothelium dysfunction associated with deep anterior stromal scarring

P. Chiam, V. Romano, V. Ho, A. Choudhary, M. Batterbury, S. Kaye, C. Willoughby *UK*
Outcome of Descemet stripping automated endothelial keratoplasty in eyes with an Ahmed glaucoma valve

M. Dickman, J. Peeters, M. van Dongen, R. Nuijts *THE NETHERLANDS*
Penetrating vs. endothelial keratoplasty for the treatment of Fuchs endothelial corneal dystrophy: analysis of the Dutch organ transplantation registry

D. Dobrowolski, K. Krysik, E. Wroblewska-Czajka, E. Wylegala *POLAND*
Penetrating keratoplasty after keratolimbal allografts

S. Fung, S. Koay, Y. Shweikh, O. Li, J. Theodossiadis, S. Shah, M. Wilkins *UK*
Descemet membrane endothelial keratoplasty (DMEK) for endothelial failure: experience from Moorfields eye hospital, London

S. Galvez-Carvajal, A. Munoz Morales, A. Alfaro Juarez, M. Contreras Diaz, M. Garcia Romero, N. Rodriguez Uzcategui, F. Molina Socola *SPAIN*
Opencast modified Condon technique in a penetrating keratoplasty

L. Ham, L. Baydoun, N. Gerber, K. van Dijk, S. Oellerich, G. Melles *THE NETHERLANDS*
Repeat Descemet membrane endothelial keratoplasty (DMEK) for persistent corneal edema due to graft detachment or endothelial failure after previous DMEK: 2 year outcomes

P. Maier, S. Heinzemann, D. Boehringer, P. Eberwein, T. Reinhard *GERMANY*
Graft dislocation and graft failure after DMEK using pre-cut tissue

K. Mangundap, J. Lie, E. Groeneveld-van Beek, J. Van der Wees, J. Frank, M. Bruinsma, G. Melles *THE NETHERLANDS*
Dehydration of corneal anterior donor tissue with polyethylene glycol (PEG) enriched media

V. Mittal, R. Mittal *INDIA*
Paediatric endothelial keratoplasty: outcome and challenges

V. Mittal, R. Mittal *INDIA*
Outcome of Descemet's stripping and endothelial keratoplasty in congenital hereditary endothelial dystrophy (CHED)

S. Mohan, M. Rajan *INDIA*
Retrospective analysis of management of DM detachment after uneventful cataract surgery

J. Parker, E. Livny, M. van der Kaaij, E. Haasdijk, J. van der Wees, M. Bruinsma, G. Melles *THE NETHERLANDS*
Post-mortem ultra-structural analysis of a cornea transplanted with Descemet membrane endothelial keratoplasty (DMEK)

P. Ramos, A. Rosa, J. Gil, S. Marques, J. Povoia, M. Quadrado, J. Murta *PORTUGAL*
Pachymetric progression rate as a new pre-operative parameter in Fuch's Dystrophy evaluation

Poster Presentations

V. Romano, B. Steger, S. Ahmad, M. Batterbury, C. Willoughby, S. Kaye *UK*
Corneal thickness graft over time in patients with large and ultrathin endothelial keratoplasty

T. Salvador Playa, V. Vinals-Bosch, I. Sassot Cladera, E. Pedemonte-Sarrias *SPAIN*
Learning curve in Muraine's technique for DMEK

T. Salvador Playa, E. Pedemonte-Sarrias *SPAIN*
SD-OCT in DMEK follow-up

T. Semchyshyn *USA*
Evaluation of the posterior corneal surface and its contribution to intraocular lens selection in the setting of combined endothelial keratoplasty and cataract surgery

Z. Shukur *IRAQ*
Case report: grade II limbal dermoid surgical correction in 11 month old baby first time in Iraq

T. Stanzel, A. Tiurbe, S. Siebelmann, L. Ersoy, B. Bachmann, C. Cursiefen *GERMANY*
Rebubbling rate after Descemet membrane endothelial keratoplasty (DMEK) is reduced by using 20% sulfur hexafluoride as anterior chamber tamponade

C. Stoeger, J. Holiman, C. Patzer, Z. Mayko *USA*
Pan-endothelial cell loss quantification as an adjunct to traditional specular microscopy endothelial cell density calculations in grafts prepared for DMEK

Z. Varga, E. Brugnoli, D. Tabibian, J. Ball, G. Thumann *SWITZERLAND*
Single pass preparation of donor corneas for Descemet's stripping automated endothelial keratoplasty (DSAEK) with a new microkeratome

E. Yoeruek, K. Bartz Schmidt *GERMANY*
Current approaches to combat the shortage of corneal tissues: split-DMEK and double-split-keratoplasty

Imaging

R. Calvo, V. Castro, B. Moratal, L. Hernandez, E. Cervera *SPAIN*
Cirrus high-definition optical coherence tomography in the management of intrastromal corneal ring segment extrusion

M. Cassagne, S. Michaud, F. Malecaze *FRANCE*
Interest of OCT in diffuse lamellar keratitis after femto-LASIK

M. Coppola, F. Solignani *ITALY*
Using intra-op OCT during Descemet's stripping automated corneal endothelial transplant

D. Dobrowolski, B. Wowra, E. Wylegala *POLAND*
Cystinosis: morphologic observations

H. Elsaied, S. Alrawy, H. El Mofty, M. Amr *EGYPT*
Comparison of central corneal thickness measurement using anterior segment optical coherence tomography, rotating Scheimpflug camera and ultrasound pachymetry in different refractive errors

M. Kamel, A. Al Amri, A. Swalliam, A. Ibrahim, K. Soliman, A. Samir, M. Ramadan *EGYPT*
Central corneal thickness in children

J. Reddy, P. Bandela, B. Geedla, S. Ramamurthy, P. Vaddavalli *INDIA*
Spontaneous attachment of detached Descemet's membrane after cataract surgery

J. Salgado-Borges, A. Perestrelo, A. Diaz-Rey, P. Neves, L. Dias, J. Gonzalez-Meijome *PORTUGAL*
Effect of fenilefrina instillation on pentacam and corvis parameters

J. Salgado-Borges, L. Rico-Del-Viejo, H. Ferreira-Neves, R. Macedo-De-Araujo, R. Ambrosio Jr., F. Esteves, J. Gonzalez-Meijome *PORTUGAL*
Influence of the menstrual cycle on corneal morphometry and corneal biomechanics

S. Sapeta, E. Mrukwa-Kominek *POLAND*
Corneal nerves morphology in glaucoma patients after laser peripheral iridotomy in confocal microscope

M. Sarnat Kucharczyk, E. Filipek, S. Kuczkowski, E. Mrukwa-Kominek, E. Porwik *POLAND*
The use of the optical coherence tomography (OCT) of the anterior segment of the eye in the application of hybrid contact lenses

I. Schmack, I. Voehringer, B. Erber, S. Ballikaya, G. Toszkowski, G. Langstrof, G. Auffarth *GERMANY*
Determination of corneal endothelial cell densities of organ-cultured eye bank corneas by 2 computer-based image analysis systems

A. Sharma, J. Wawrzynski, J. Than, O. Babalola, K. Emeriewen, M. Lau, B. Sharma *UK*
Fluorescein filter imaging of corneal staining due to limbal stem cell failure

B. Wowra, D. Dobrowolski, B. Orzechowska-Wylegala, M. Grolik, E. Wroblewska-Czajka, E. Wylegala *POLAND*
Evaluation of corneal changes in confocal microscopy and Visante OCT in congenital aniridia patients

E. Wylęgała, D. Dobrowolski, E. Wroblewska Czajka, A. Nowinska, D. Tarnawska *POLAND*
Intraoperative anterior segment optical coherent tomography in lamellar keratoplasty

Poster Presentations

Infections & Inflammation

B. Akova, S. Kivanc, M. Baykara *TURKEY*

The outcome of linezolid in vancomycin resistant recurrent keratitis on corneal graft

A. Al Saati, K. Tabbara, A. Al Rajhi *SAUDI ARABIA*

Long-term outcome of Moorn's ulcer in a tertiary eye care hospital in Riyadh

A. Al Saati, K. Tabbara, A. Al Rajhi *SAUDI ARABIA*

Long-term outcome of Moorn's ulcer in a tertiary eye hospital

L. Alfaya Muñoz, J. Celis Sanchez, E. Infantes Molina, A. Fidalgo Broncano, M. Pradas Gonzalez, D. Mesa Varona, E. Avendao *SPAIN*

Early diagnosis and treatment of acanthamoeba keratitis: a case report

S. Aparicio-Sanchis, S. Iglesias Cerrato, A. Martin Ramirez, D. Domingo *SPAIN*

Diagnostic and extraction method of subconjunctival Loa loa: a case report

S. Aparicio-Sanchis, S. Iglesias Cerrato, A. Martin Ramirez, D. Domingo *SPAIN*

Identification and extraction method of subconjunctival Loa loa: a case report

M. Arino, B. Garcia-Sandoval, I. Jimenez-Alfaro, N. Alejandro *SPAIN*

Gonococcal ophthalmia in adults: conjunctivitis, ulcerative keratitis and corneal perforation

A. Basílio, R. Proenca, A. Amaro, C. Batalha, V. Maduro, A. Magrico, J. Feijao *PORTUGAL*

Confocal microscopy and unresponsive infectious keratitis

S. Ch'ng, P. Chiam, V. Savant, J. Prydal *UK*

Topical voriconazole in the treatment of acanthamoeba epithelial keratitis

S. Ch'ng, S. Koo, P. Chiam, V. Savant, J. Prydal *UK*

Microbiological culture versus PCR detection rates for acanthamoeba related corneal ulcer

M. Contreras-Diaz, A. Munoz Morales, B. Balboa, S. Galvez Carvajal, M. Garcia Romero, N. Uzcategui *SPAIN*

Recurrent corneal ulcer with hypopyon in a sarcoidosis patient

M. Dari, A. McElvanney *UK*

Management of candida keratitis in a diabetic patient with history of neurotrophic keratopathy and herpetic keratitis

C. Demasi, E. Pedrotti, M. Passilongo, G. Marchini *ITALY*

In-vivo confocal microscopy in diagnosis and follow-up of acanthamoeba keratitis

G. Drozhzhyna, T. Gaidamaka, O. Ivanovska, V. Ostashevskiy, B. Kogan, V. Usov *UKRAINE*

Therapeutic keratoplasty in the rehabilitation of patients with severe inflammatory corneal disorders

Z. Dzhanaeva, Y. Astakhov, V. Nikolaenko,

K. Khripun *RUSSIA*

Temporary tectonic keratoplasty with the use of the porous polytetrafluorethylene

T. Gaidamaka, G. Drozhzhyna, O. Dragomiretska,

S. Grechko *UKRAINE*

Clinical manifestations and course of the disease in patients with herpetic keratitis undergoing curative keratoplasty

D. Goldblum, Y. Ruiz, R. Beuschel, J. Fuchs,

M. Tschopp *SWITZERLAND*

Severe toxic corneal reaction due to contact with palytoxin of a brown encrusting anemone

A. Hajjar Sesé, J. Lindegaard, K. Holmgaard, N. Jacobsen,

K. Hojgaard-Olsen *SPAIN*

Rebuilding the cornea: surgical strategies for the chemical burn caused by cleaning a contact lens with Chlorhexidine 2% for veterinary use

S. Kateryna, D. Galina, G. Tetyana, S. Volodymir,

L. Galina *UKRAINE*

Comparative evaluation of amniotic membrane transplantation techniques on the bacterial keratitis model

A. Mateo, B. Abadia, P. Calvo, E. Minguez, L. Pablo,

J. Benitez-del-Castillo *SPAIN*

Treatment of acanthamoeba neurotrophic corneal ulcer with topical matrix therapy

D. Maychuk *RUSSIA*

Stages of acanthamoeba keratitis: clinical overview

S. Mediero Clemente, B. Lopez Quintana,

A. Boto de los Bueis, M. Romero Gomez,

A. del Hierro Zarzuelo, P. Goldschmit *SPAIN*

Efficiency of clinical dates and various laboratory methods for the diagnosis of adenovirus conjunctivitis

N. Mendieta Rasos, A. Sanchez Ramon, E. Salinas Caldas,

J. Olea Cascon, C. Garcia Cuadra, J. Torres Perez,

E. Aguado Garcia *SPAIN*

Contact lens related acanthamoeba keratitis: case series and review of the literature

C. Menezes, J. Lemos, R. Goncalves, P. Coelho, T. Maio,

P. Rodrigues, P. Tenedrio *PORTUGAL*

Corneal perforation associated with peripheral ulcerative keratitis managed with amniotic membrane transplantation

S. Okumus, E. Coskun, U. Aksoy, I. Erbagci *TURKEY*

Cyclosporine 0.05% eye drops for the treatment of subepithelial infiltrates after epidemic keratoconjunctivitis

E. Pedemonte-Sarrias, T. Salvador Playa, S. Quintana,

E. Calbo, M. Riera, M. Xercavins, V. Vinals *SPAIN*

Candidate corneal donors colonized with methicillin-resistant staphylococcus aureus (MRSA) elsewhere: is there a risk?

J. Sandoval Codoni, E. Jimenez, R. Sanjuan,

J. Gonzalez de Gor *SPAIN*

The use of monoclonal anti-CD20 antibody in refractory cicatricial conjunctivitis. Case report

Poster Presentations

N. Santana, Y. Henry, M. Zaal *THE NETHERLANDS*
Fungal trap

M. Silva *PORTUGAL*
An unusual case: bilateral endotheliitis

J. Swierczek, M. Buckle, J. Luck *UK*
6 year retrospective analysis of microbiological trends of corneal scrape results from a UK district general hospital

C. Temstet, P. Goldschmidt, N. Bouheraoua, P. Vaudran, V. Borderie, C. Chaumeil, L. Laroche *FRANCE*
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K. Termote, A. Joe, A. Butler, S. Holland, S. Yeung *BELGIUM*
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S. Tomar, C. Jindal *INDIA*
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A. Tzamalidis, E. Anastasopoulos, N. Chalvatzis, C. Symeonidis, S. Dimitrakos *GREECE*
Corneal melting leading to perforation treated medically in a patient with undiagnosed Sjogren's syndrome

V. Wagh, L. de Benito-Llopis, D. O'Brart *UK*
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A. Zaki *EGYPT*
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E. Mikhalchenko, T. Oleynyk, K. Pavlyuchenko *UKRAINE*
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E. Albe, S. Trazza, E. Morengi, P. Vinciguerra *ITALY*
Accelerated versus standard corneal cross-linking in the treatment of paediatric patients with progressive keratoconus: comparison of refractive, topographic, and tomographic results at one year follow-up

M. Arino, G. Maloney, A. Lange, M. McCarthy, S. Holland *SPAIN*
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R. Barbara, A. Turnbull, S. Makuloluwe, D. Anderson, P. Hossain *UK*
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D. Breyer, J. Krumeich, H. Kaymak, K. Klaube, P. Hagen *GERMANY*
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B. Bubala-Stachowicz, E. Mrukwa-Kominek *POLAND*
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N. Cagil, M. Caglayan, O. Sarac, H. Tatli Dogan, P. Kosekahya *TURKEY*
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G. Capello, G. Ciancia, G. Prosdocimo *ITALY*
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B. Casco-Silva, O. D'Anna Mardero, K. Marquina Lima, A. Del Hierro Zarzuelo, A. Boto-de-los-Bueis *SPAIN*
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M. Cassagne, K. Pierne, P. Fournie, F. Malecaze *FRANCE*
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F. Chiambaretta, C. Maurin, N. Bonnin, N. Monneyron, C. Peltier, F. Monier, E. Daniel *FRANCE*
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F. Chiambaretta, N. Bonnin, A. Viennet, N. Monneyron, E. Daniel *FRANCE*
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I. Delafof, B. Cochener *FRANCE*
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P. Fournie, M. Cassagne, A. Thevenin, I. Delafof, B. Cochener, F. Malecaze *FRANCE*
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R. Freitas, T. Monteiro, N. Franqueira, F. F. Correia, F. Vaz *PORTUGAL*
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B. Geraghty, D. Tailor, C. Whitford, A. Elsheikh *UK*
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D. Gore, D. O'Brart, C. Dunsby, P. French, B. Allan *UK*
Transepithelial riboflavin absorption in an ex-vivo rabbit corneal model

Z. Hassan, L. Modis, E. Szalai, G. Nemeth *HUNGARY*
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S. Holland, D. Lin, K. Termote *CANADA*
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E. Poruchikova *RUSSIA*

Comprehensive treatment of different types of progressive keratectasia: the future without keratoplasty?

S. Izmailova *RUSSIA*

A new surgical classification of different types of keratectasia

L. Jouve, N. Bouheraoua, O. Sandali, E. Basli, V. Borderie, L. Laroche *FRANCE*

An 18 month follow-up of iontophoresis for corneal collagen cross-linking to treat keratoconus: efficacy, anterior segment optical coherence tomography and confocal microscopy

A. Khalimov, M. Bikbov, N. Shevchuk,

G. Bikbova *RUSSIA*

Riboflavin dynamics in cornea of porcine eyes using various photosensitisers for cross-linking

S. Kling, R. Wuarin, O. Richoz, D. Tabibian,

F. Hafezi *SWITZERLAND*

Riboflavin distribution is position-independent

R. Leite *PORTUGAL*

Intracorneal ring segments implantation – intrastromal tunnel depth predictability with manual versus femtosecond laser assisted technique

R. Leite, T. Monteiro, N. Franqueira, F. Faria-Correia,

F. Vaz *PORTUGAL*

Intracorneal ring segments implantation: intrastromal tunnel depth predictability with manual versus femtosecond laser assisted technique

D. Lin, S. Holland, K. Termote *CANADA*

Comparison of early results of topography-guided photorefractive keratectomy for keratoconus between two refractive lasers

P. López Lizárraga, F. March de Ribot, A. March de Ribot,

R. Bolanos Jimenez, J. Zenteno Ruiz *SPAIN*

Looking for new genetic candidates in corneal ectasia

P. López Lizárraga, F. March de Ribot, A. March de Ribot,

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Keratoconus challenging case

M. Maldonado, A. Guimera, E. Traver, J. Sanagustian,

M. Crespo, R. Villa, C. Herrero *SPAIN*

Objective evaluation of stromal riboflavin concentration (SRC) and corneal epithelial permeability (CEP) with enhanced riboflavin solution (ERS): comparison between trans-epithelial and epi-off techniques

J. Males, D. Viswanathan *AUSTRALIA*

Comparative study between accelerated and conventional corneal collagen cross-linking for progressive keratoconus

F. March de Ribot, E. Fernandez *SPAIN*

New approaches of phacoemulsification in keratoconus

K. Marquina Lima, B. Casco-Silva, O. D'Anna Mardero,

A. Del Hierro Zarzuelo, A. Boto-de-los-Bueis *SPAIN*

Topographic, refractive and visual results of the implantation of intracorneal ring segments in keratoconus with croissant-like morphology

S. Mohan, M. Rajan, S. Shah *INDIA*

Results of simultaneous topography-guided photorefractive keratectomy followed by corneal collagen cross-linking for keratoconus in tertiary eye care

T. Monteiro, N. Franqueira, F. Faria Correia, F. Vaz *PORTUGAL*

Ferrara-type intrastromal corneal ring segments implantation in paracentral keratoconus with non coincident topographic and coma axis (“duck phenotype”): visual and topographic results with manual technique at 6 months follow-up

T. Monteiro, N. Franqueira, F. Faria Correia,

F. Vaz *PORTUGAL*

Ferrara-type intrastromal corneal ring segments implantation in paracentral keratoconus with coincident topographic and coma axis (“croissant phenotype”): visual and topographic results with manual technique at 6 months follow-up

C. Peris-Martínez, M. Diez-Ajenjo,

M. Garcia-Domene *SPAIN*

Biomechanical changes in keratoconus, cross-linking and intrastromal corneal ring patients: a pilot study

M. Popiela, T. Young-Zvandasara, E. Veepanat,

R. Atenstaedt, D. Saunders *UK*

Demographics of older keratoconics in Wales and their mortality rates: where are the older keratoconics?

M. Popiela, N. Hawksworth *UK*

What do patients with keratoconus know about their disease?

J. Quadrado Gil, E. Costa, A. Rosa, C. Tavares,

M. Quadrado, J. Murta *PORTUGAL*

High-irradiance accelerated collagen cross-linking for keratoconus: pulsed and non-pulsed illumination protocols

T. Queirós, T. Monteiro, F. Faria Correia, N. Franqueira,

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Intracorneal ring segment implantation for the correction of central hyperprolate keratoconus: refractive and topographic results

J. Reddy, P. Kumar, S. Ramamurthy, P. Vaddavalli *INDIA*

Utility of clinical and topographic features in predicting acute corneal hydrops in keratoconus patients

M. Saif, M. Ahmed, H. El Saftawy, R. Moussa *EGYPT*

Sequential ICRS implantation and corneal transepithelial CXL in keratoconus

M. Saif, S. Awadalla, M. Moomen, S. Safina *EGYPT*

Evaluation of keratoconus prevalence in people presenting for LASIK in Benisuef, Egypt

O. Sandali, M. El Sanharawi, E. Fuentes, N. Bouheraoua,

I. Goemaere, V. Borderie, L. Laroche *FRANCE*

New insights into keratoconus with optical coherence tomography

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M. Sarnat Kucharczyk, E. Mrukwa-Kominek, S. Kuczkowski *POLAND*

Bilateral Fuchs endothelial dystrophy, keratoconus and glaucoma after unilateral keratoplasty: diagnostic and therapeutic challenges

J. Sarwate, N. Sarwate, R. Sarwate *INDIA*

Combined treatment of advanced surface ablation (ASA) with UV CXL treatment for keratoconus

A. Sherif *EGYPT*

Refraction based or asphericity based choice of Kera rings in keratoconus

A. Soares, T. Monteiro, N. Franqueira, F. Faria Correia, F. Vaz *PORTUGAL*

Refractive and topographic results after surgical exchange of intracorneal ring segments Intacs SK[®] for Ferrara[®] rings, in the treatment of keratoconus

D. Tabibian, R. Wuarin, D. Tabibian, O. Richoz, B. Salmon, S. Pot, F. Hafezi *SWITZERLAND*

UV-A absorption rates in human and animal corneas prepared for collagen cross-linking

O. Tumanova *RUSSIA*

Clinical case of neurotrophic keratitis

A. Tourkmani, K. Tu, S. Srinivas *UK*

Keratoconic cone: using its Kmax, decentration and thickness as staging parameters

E. Usubov, M. Bikbov, G. Kazakbaeva, T. Bikkuzin *RUSSIA*

Toric intraocular lens after MyoRing implantation for non-progressive keratoconus

E. Usubov, M. Bikbov, G. Kazakbaeva,

K. Oganisyan *RUSSIA*

Correlation of corneal thickness in keratoconus before and after MyoRing implantation

A. Vega-Estrada, J.L. Alió, P. Sanz, A. Plaza *SPAIN*

Long-term outcomes of intracorneal ring segments implantation for the treatment of keratoconus in stable and progressive cases

A. Vega-Estrada, P. Sanz-Diez, J.L. Alió, M. Maldonado, R. Barraquer, R. Gutierrez, L. Sadaba Echarri *SPAIN*

Visual, refractive, topographic, aberrometric and biomechanical characterization of mild forms of keratoconus

E. Wroblewska-Czajka, E. Wylegala, D. Tarnawska,

A. Jakubowska *POLAND*

Herpes simplex keratitis after cross-linking for progressive keratoconus

N. Yesilirmak, P. Chhadva, F. Cabot, S. Yoo *USA*

Intrastromal corneal ring segment explantation in keratoconus patients: causes, technique, outcomes

N. Zainullina, M. Bikbov, V. Surkova,

E. Usubov *RUSSIA*

Corneal biomechanical properties in patients with the I-III stages of keratoconus after corneal collagen cross-linking

L. Zumhagen, M. Alnawaiseh, A. Rosentreter, M. Eveslage, N. Eter *GERMANY*

Changes in corneal transparency after cross-linking for progressive keratoconus: long-term follow-up

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A.J. Kanellopoulos, G. Asimellis *GREECE*

Long-term safety and efficacy of high-fluence collagen cross-linking (CXL) of the vehicle cornea in Boston keratoprosthesis (Kpro) type 1

C. Liu, V. Avadhanam, J. Herold, S. Thorpe, P. Brittain *UK*

New technique for managing persistent buccal mucosal erosion with bone exposure in eyes with osteo-odonto-keratoprosthesis

N. Patel, J. Smith, V. Avadhanam, I. Francis, C. Liu *UK*

Volumetric analysis of osteo-odonto-keratoprosthesis lamina using 3D-ALA software on images acquired with 3-dimensional computed tomography

S. Piludu, M. Fideliz De La Paz, J. Alvarez de Toledo, V. Charoenrook, R. Barraquer, R. Michael,

J. Temprano Acedo *SPAIN*

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B. Salvador-Culla, K. Jeong, P. Kolovou, H. Chiang,

J. Chodosh, C. Dohman, D. Kohane *USA*

Titanium coating of the Boston keratoprosthesis

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A non-penetrating variable thickness artificial cornea

Lens & Corneal Refractive Surgery: Corneal Complications

A. Bakhytzhanova, S. Kulbaka *KAZAKHSTAN*

Our experience of laser surgery for presbyopia

M. del Buey, L. Lavilla, J. Cristobal, C. Almenara *SPAIN*

Refractive post-operative complication: severe post-PRK corneal ulcer resolved with new topical matrix therapy

M. Diab, A. Ibrahim, A. Al Almri, A. Swillam, A. Samir,

A. Yassien *SAUDI ARABIA*

Phakic IOL and interLASIK for cerebral palsy patients with ametropia

M. Diab, A. Alamri, A. Samir, A. Ibrahim, A. Yasien,

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Long-term improvement of hyperopic anisometropic amblyopia using photorefractive keratectomy in older children

M. Diab, A. Alamri, A. Samir, A. Sawillam, A. Yasieen,

A. Ibrahim, S. Eissa *SAUDI ARABIA*

Developmental improvement in children with neurobehavioral disorders following photorefractive keratectomy for high refractive errors

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M. El-Bahrawy, A. Plaza-Puche, P. Yébana, S. Arba-Mosquera, J.L. Alió *SPAIN*

3 year stability of hyperopic laser in situ keratomileusis using a 500hz excimer laser system

C. Feinbaum, O. Daphna *ISRAEL*

Innovative soft contact lens to treat corneal edema

J. Ferreira-Mendes, T. Monteiro, R. Dourado-Leite, N. Franqueira, F. Faria-Correia, F. Vaz *PORTUGAL*

Spontaneous endothelial rupture due to intracorneal ring segment posterior extrusion after 3 year follow-up

S. Gangakhedkar, C. G K. Swapna *INDIA*

A study of corneal complications after cataract surgery

S. Hashemian *IRAN*

The visual and refractive outcomes and aberrometric changes of aspheric-wavefront-guided versus aspheric laser assisted subepithelial keratectomy with TENEO™ 317 for myopia correction (prospective six months study)

S. Hashemian *IRAN*

Higher-order aberrations change after customized femtolasers-assisted LASIK versus laser-assisted subepithelial keratectomy for the correction of high myopia and astigmatism

M. Kamel, A. Al Amri, A. Samir, A. Reda, A. Yasien, A. Ibrahim, M. Ramadan *EGYPT*

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M. Kamel, A. Al Amre, A. Samir, A. Swillam, A. Ibrahim, A. Yasien, M. Ramadan *EGYPT*

Phakic intraocular lens (PIOL) implantation versus INTACS corneal rings to correct high myopic anisometropia in amblyopic children

M. Kamel, A. Samir, A. Al Amri, A. Ibrahim, A. Yasien, M. Ramadan, A. Sweallam *EGYPT*

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S. Kwitko, A. Stolz *BRAZIL*

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E. Usubov, M. Bikbov, V. Surkova, R. Kazakbayev *RUSSIA*

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A. Vega-Estrada, J.L. Alió, P. Sanz *SPAIN*

Visual, refractive and aberrometric outcomes after 3 years of LASIK for the correction of high myopia

R. Vinciguerra, F. Camesasca, C. Azzolini, S. Trazza, P. Vinciguerra *ITALY*

Sequential customized therapeutic keratectomy for Groenouw corneal dystrophy: 5 year results

S. Young *UK*

Outcomes of correction of high astigmatism with Rayner toric monofocal intraocular lens during cataract surgery

A. Zaki *EGYPT*

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M. Akdemir *TURKEY*

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J. Amián, F. Alonso *SPAIN*

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R. Barbara, A. Turnbull, S. Makuloluwe, P. Hossian, D. Anderson *UK*

Cataract surgery complemented with descematorexis in Fuch's endothelial dystrophy

H. Chowdhury, S. Athwal, A. Kennedy, M. Teimory *UK*

Microincision: blue line incision / post limbal incision (BLI/PLI) for coaxial microincision cataract surgery (C-MICS)

T. Chowdhury *INDIA*

Simple limbal epithelial transplantation (SLET): an innovative surgical technique for the management of double-headed and recurrent pterygium

O. Collier Wakefield, R. Annoh, M. Nanavaty *UK*

Relationship between age, corneal astigmatism and ocular dimensions in reference to astigmatism correction during cataract surgery

M. Davari, H. Ghitasi, E. Davari *IRAN*

Comparison of rate and progression of myopia among carpet weaver and non-weaver members of the weaver's families

M. El-Bahrawy, E. Sala, A. Plaza-Puche, J.L. Alió, S. Arba-Mosquera *SPAIN*

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M. El-Bahrawy, J.L. Alió, A. Rodriguez *SPAIN*

Purely cosmetic keratopigmentation: an innovative indication

M. El-Bahrawy, J.L. Alió, D. Reinstein, T. Archer *SPAIN*

Visual, refractive outcomes and changes in corneal curvature between small incision lenticular extraction (SMILE) versus laser-assisted in situ keratomileusis (LASIK) in high myopic correction

J. Ferreira-Mendes, T. Monteiro, R. Leite, N. Franqueira, F. Faria-Correia, R. Freitas, F. Vaz *PORTUGAL*

New matrix therapy agent (RTGA) for the treatment of corneal neurotrophic ulcers: 2 clinical case presentations

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Central corneal thickness and corneal biomechanical changes after phacoemulsification with 2.75mm clear corneal incisions
- S. Gangakhedkar, S. Kaipu, G. Chandrasekhar** *INDIA*
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- P. Gil, R. Matos, J. Pires, M. Cardoso, J. Matias, N. Lopes, M. Mariano** *PORTUGAL*
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- A. Hamilton, R. Massera, A. Maloof** *AUSTRALIA*
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Corneal decompensation after dexamethasone implant dislocation into the anterior chamber
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Successful conservative management of bilateral spontaneous corneal perforation in pellucid marginal corneal degeneration (PMCD)
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- F. March de Ribot, P. Lopez Lizarraga, A. March de Ribot, R. Bolanos Jimenez** *SPAIN*
Advanced sclerocorneal affection in a case of uveitis
- J. McCulley** *USA*
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- C. McLintock, A. Apel, J. Wilson** *AUSTRALIA*
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- C. Menezes, P. Coelho, R. Goncalves, J. Lemos, T. Maio, P. Rodrigues, P. Tenedrio** *PORTUGAL*
Endothelial cell layer characteristics in fetal alcohol syndrome
- C. Mihai, C. Tataru, C. Ioan, M. Burcea** *ROMANIA*
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- F. Mirzaie, M. Fallah, R. Agamohammadi, M. Rajabi, F. Gasemi, M. Hashemian** *IRAN*
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- P. Padmanabhan, S. Rachapalle Sudhir** *INDIA*
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- S. Rachapalle Reddi, P. Padmanabhan, R. Deepa** *INDIA*
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- B. Steger, V. Romano, C. Willoughby, S. Kaye** *UK*
Femtosecond laser-assisted lamellar keratectomy for corneal opacities due to anterior corneal dystrophies
- E. Usubov, M. Bikbov, K. Oganisyan** *RUSSIA*
Topographic, pachymetric parameters in patients with Down syndrome
- P. Vetpillai, C. Thaug, B. Manzouri, C. Claoue** *UK*
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- Y. Wolde** *ETHIOPIA*
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- E. Wylęgała, D. Dobrowolski, D. Tarnawska** *POLAND*
CO₂ laser-assisted deep sclerectomy surgery in patients with glaucoma after keratoplasty
- A. Zaki** *EGYPT*
Post LASIK fungal keratitis predictability of direct smear

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Y. Akova, B. Bostanci Ceren *TURKEY*

Cacicol® treatment for the management of persistent epithelial defects refractory to conventional therapy

R. Anjos, B. Borges, A. Cabugueira, B. Carvalho, L. Abegao Pinto, F. Fernandes *PORTUGAL*

Baerveldt implant in a case of neovascular glaucoma with severe ocular surface disease

D. Ardigo, F. Cattaneo, S. Matuska, G. Milazzo, M. De Luca, G. Pellegrini, P. Rama *ITALY*

HOLOCORE: a prospective, multinational, multicenter, post-marketing authorization approval study for confirming long-term efficacy and safety of Holoclar® in moderate/severe limbal stem cell deficiency (LSCD) due to ocular burns

R. Arora, P. Dokania, J. Goyal, P. Jain, A. Manudhane, P. Jain *INDIA*

Comparison of simple limbal epithelial transplantation (SLET) with conjunctival limbal autograft (CLAU) in unilateral chronic ocular burns

R. Arvola, A. Robciuc, J. Holopainen *FINLAND*

Matrix regeneration therapy (RGTA): a case series of corneal neurotrophic ulcers

J. Behaegel *BELGIUM*

Regenerating the anterior cornea through standardized transplantation of limbal epithelial stem cells: study protocol of a phase II multicenter trial

K. Boboridis, D. Mikropoulos *GREECE*

Matrix therapy agent (RGTA, CACICOL-20) for corneal ulceration secondary to VII nerve palsy

N. Bouheraoua, L. Hrrat, C. Parsa, J. Akesbi, O. Sandali, L. Laroche, V. Borderie *FRANCE*

Decreased corneal sub-basal nerve plexus density, thinned corneal epithelium and diminished corneal sensation as a result of 360 degree laser retinopathy

T. Chowdhury *INDIA*

Analysis of the outcomes of autologous simple limbal epithelial transplantation (SLET) in eyes with unilateral limbal stem cell deficiency (LSCD) following ocular burn

J. Clavel, A. Navarro *SPAIN*

Cacicol®: good results in persistent epithelial defect

S. Crisóstomo, N. Aguiar Silva, B. Carvalho, A. Toscano, V. Maduro, P. Candelaria *PORTUGAL*

Ocular surface reconstruction in paediatric age: combining anterior lamellar keratoplasty with amniotic membrane grafting

M. Dari, A. McElvanney *UK*

Use of potassium ascorbate in non-alkali ocular burns: a case report

M. El-Bahrawy, J.L. Alió, A. Rodriguez, A. El Aswad, D. Wrobel-Dudzinska, S. Gisbert *SPAIN*

Topical 100% autologous eye platelet-rich plasma as the only treatment of persistent corneal ulcer

M. El-Bahrawy, J.L. Alió, A. Rodriguez, A. Abdelghany, D. Wrobel-Dudzinska, S. Gisbert *SPAIN*

Topical 100% autologous eye platelet-rich plasma as the only treatment of post-surgical epithelial defects

S. Gangakhedkar, S. Kaipu, G. Chandrasekhar *INDIA*

Exposure keratopathy in critically ill patients admitted in medical intensive care unit (MICU)

M. Gonzalez-Andrades, J. Cardona, A. Ionescu, C. Mosse, R. Brown *USA*

Photographic-based optical evaluation of anterior grafts for corneal repair: a new accurate and simple method

Y. Hassan, M. Uematsu *JAPAN*

Acute corneal toxicity of combined anti-glaucoma topical eye drops

V. Huerva, I. Caral, J. Soldevila, M. Sanchez *SPAIN*

Regression of conjunctival primary acquired melanosis with interferon alpha-2b eyedrops

M. Labetoulle, E. Messmer, A. Ogundele, F. Mouriaux, C. Baudouin *FRANCE*

Evaluating the safety and efficacy of a polyethylene glycol/propylene glycol based lubricant eye drop in patients with dry eye

M. Labetoulle, V. Maurino, A. Ogundele, G. Rossi, I. Van der Meulen, E. Mrukwa-Kominek, C. Baudouin *FRANCE*

Evaluation of clinical outcomes following treatment with propylene glycol-based artificial tears in lipid-deficient dry eye patients

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The use of matrix therapy in the treatment of corneal perforation

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Severe neurotrophic ulcer response to treatment with Cacicol®

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M. Passilongo, E. Pedrotti, E. Bruni, G. Marchini *ITALY*
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E. Pedrotti, F. Bosello, A. Fasolo, A. Ruggeri, G. Marchini *ITALY*
Efficacy and safety of transcutaneous electrical stimulation for the treatment of dry eye

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Giant bipolar pterygia: keys for surgical management

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B. Wowra *POLAND*
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Tear Film

M. Mahfuzullah, M. Zafar Khaled *BANGLADESH*
Evaluation of tear function in patients with pterygium

A. Valero Marcos, J. Fernandez Perez, J. Jimenez Velazquez, F. Martinez Pena, M. Perez Morales *SPAIN*
Dry eye syndrome: diagnosis and therapeutic management in our hospital

General Information & Exhibition



General Information

Venue

Fira Barcelona Gran Via – North Entrance (Hall 8),
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Host

EuCornea, Temple House, Temple Road, Blackrock,
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Fax: +353 1 288 3675
Email: eucornea@eucornea.org

Opening Hours

Registration

Thursday 3 September	08.00 – 18.00
Friday 4 September	07.00 – 18.30
Saturday 5 September	07.00 – 18.00

Speaker Check-In

Thursday 3 September	08.00 – 18.00
Friday 4 September	07.00 – 18.30
Saturday 5 September	07.00 – 18.00

All speakers must check-in their presentation 3 hours prior to their session, at the Speaker Check-In room

Exhibition Area **Hall 8, Level 0**

Friday 4 September	09.00 – 18.00
Saturday 5 September	09.00 – 18.00

Annual General Meeting

Room 2

Saturday 5 September	10.30 – 11.00
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Open to EuCornea members only

Associated Meetings by Invitation

European Eye Bank Association Meeting

Room 8.18, Hall 8, Level 1

Sunday 6 September	09.00 – 15.00
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Walkway to Halls 6 & 7

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Hall 8, Levels 0 & 1

Cloakroom

Level 0

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Coffee Breaks

Exhibition Area, Hall 8

Friday 4 September	10.30 – 11.00
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The official currency of the Congress is Euro

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Hall 8, Level 1

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The official language of the Congress is English

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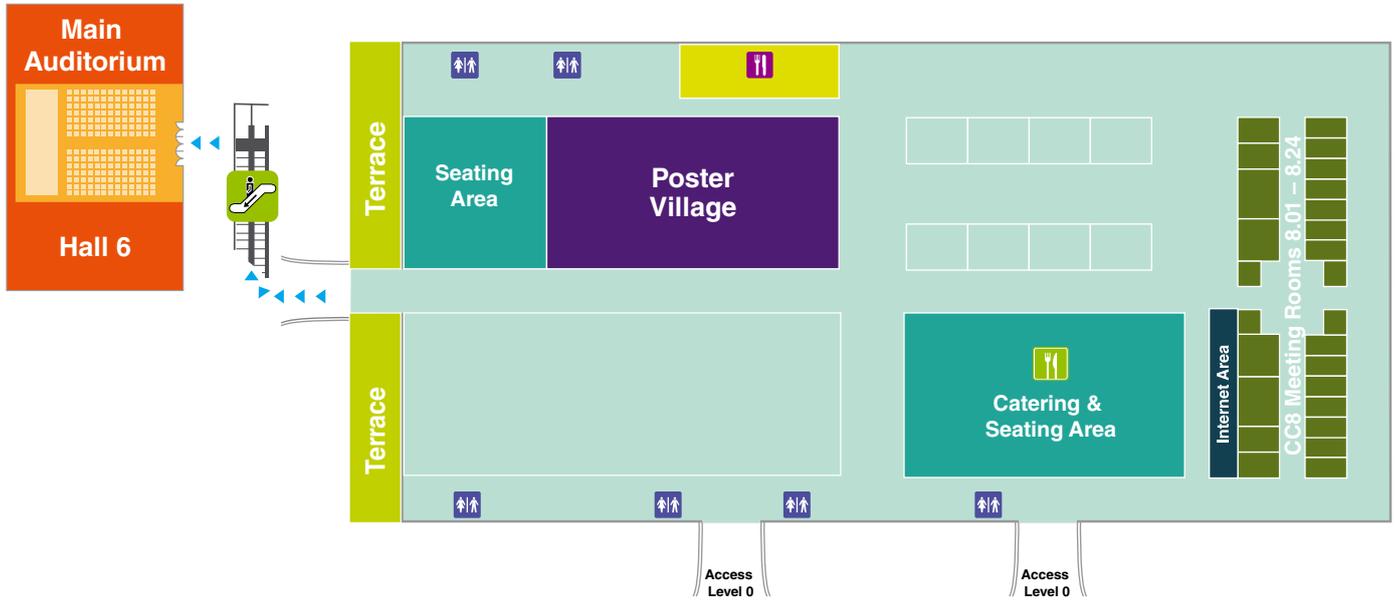
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Friday 4 September	18.30 – 19.00
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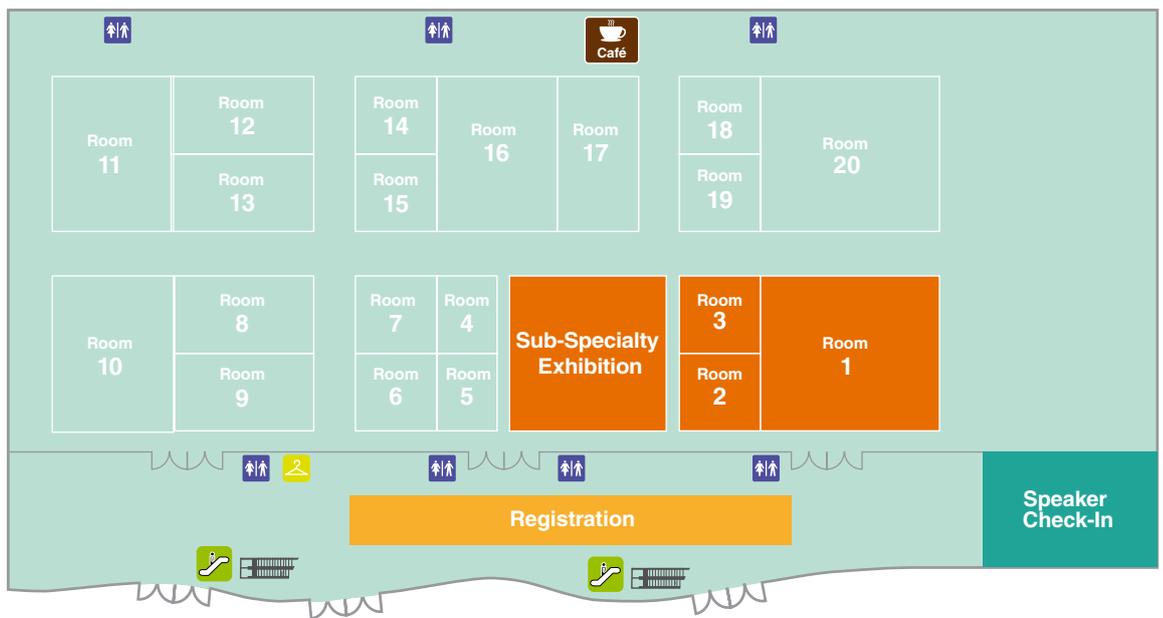
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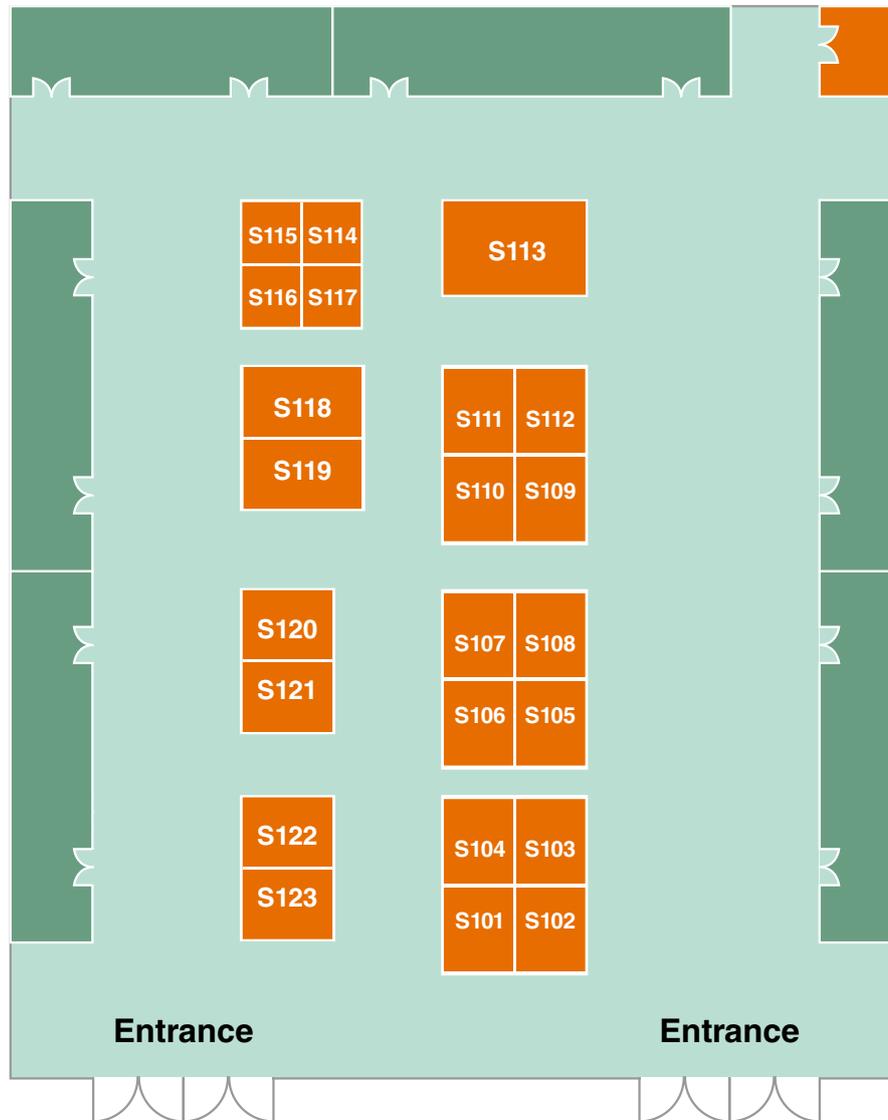


Hall 8, Level 0



Main Entrance

Exhibition Floorplan



Exhibitor	Booth Number	Exhibitor	Booth Number
Bcninnova Technological Evolution SL	S117	M&S Technologies, Inc.	S102
Bioptigen, Inc.	S106	Miracles In Sight	S112
BTI Biotechnology Institute	S114	Miraflex Export srl	S116
Centro Style	S103	Optomed Oy (Ltd.)	S101
Chiesi Farmaceutici SpA	S118	Optovue, Inc.	S109
Clarity Medical Systems	S105	Phoenix Clinical	S120
Dompé Farmaceutici	S113	SightLife/Ocular Systems	S108
EuCornea	S123	THÉA	S110
KeraMed, Inc.	S111	The Fresnel Prism and Lens Co.	S104
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Friday 4 September
18.30

Exhibition Area
(Hall 8, Level 0)

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European Society of Cornea and
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Friday 4 September

Lunchtime Symposium

13.00 – 14.00

Room 3

Pioneering Breakthroughs in
Treating Ocular Burns

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Saturday 5 September

Lunchtime Symposium

13.00 – 14.00

Room 3

Linking Inflammation to Dry Eye
Disease (DED)

Moderator: C. Baudouin *FRANCE*

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Friday 4 September

Lunchtime Symposium

13.00 – 14.00

Room 2

Dry Eye Disease: From Pathogenic
Mechanisms to Innovative Solutions

Chair: L. Mastropasqua *ITALY*

Moderators: J. Benítez del Castillo Sánchez *SPAIN*
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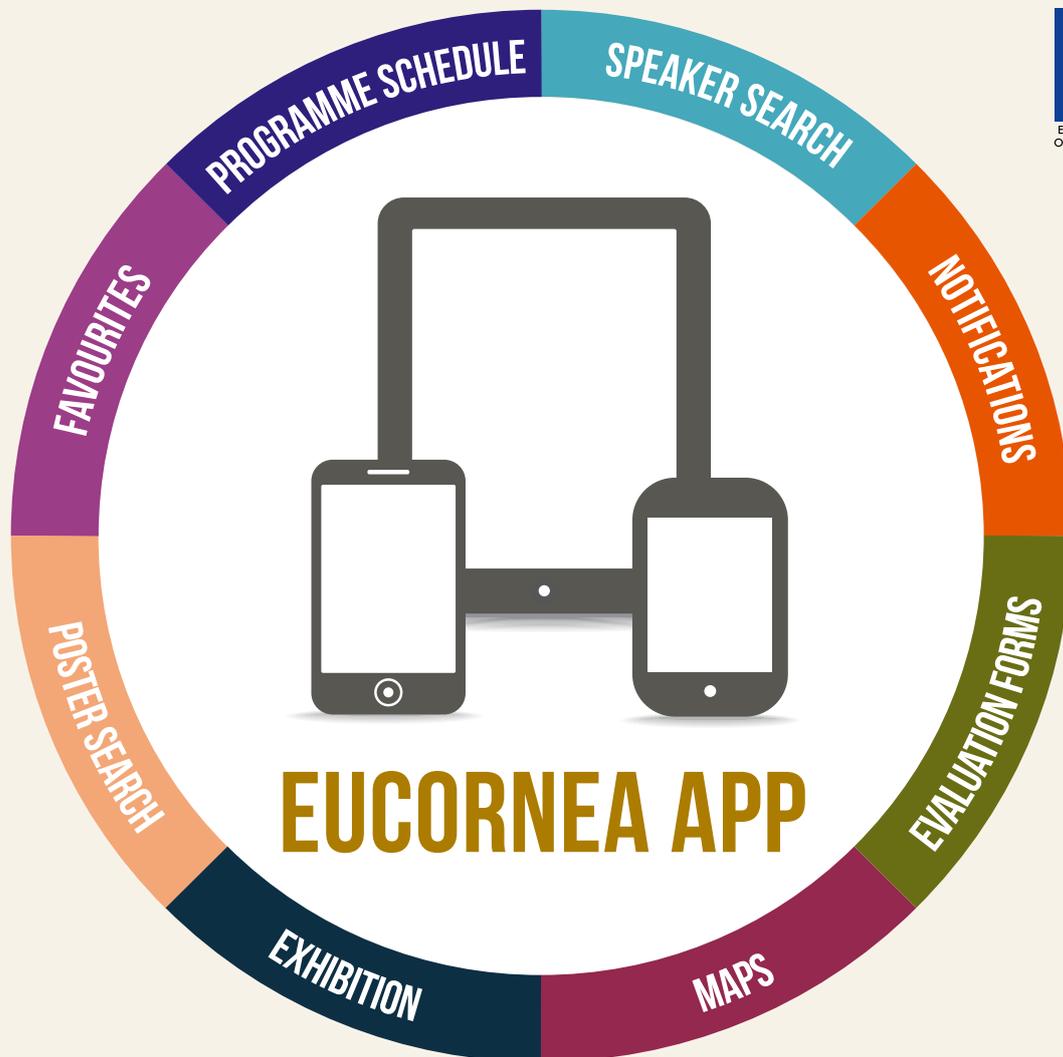
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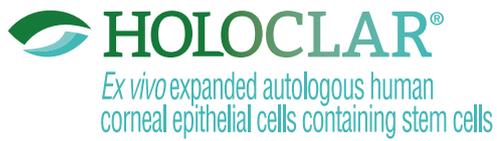
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