

5th EuCornea Congress **LONDON**



European Society of Cornea and
Ocular Surface Disease Specialists

12-13 September 2014

Programme

LONDON 2014

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. Gatzoufas, 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 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



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