

Scientific Program

Day 3 / Jour 3 Saturday, June 28 / Samedi 28 juin

Canadian Cornea, External Disease and Refractive Surgery Society / Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive

0800–1700

Location / Local : Highland 6

Objectives: Participants will increase their knowledge of diagnosis and management of cornea and external disease and refractive surgery. They will also improve their knowledge base regarding the management of complications of refractive surgery.

Objectifs : Les participants élargiront leurs connaissances en matière de diagnostic et de traitement des maladies externes et de la cornée ainsi que de chirurgie réfractive. Ils amélioreront aussi leur base de connaissances en matière de gestion des complications de la chirurgie réfractive.

Guests / Invités :

William W. Culbertson, Miami, Florida

John Marshall, London, UK

Mark Terry, Portland, Oregon

0800 Introduction

Refractive Surgery / Chirurgie réfractive

Session chair / Présidence :

David Rootman

0803 Wound healing in refractive surgery and the implication for photorefractive keratectomy, laser in situ keratomileusis and laser

John Marshall

0823 Discussion

0830 Abstract A-24

Photorefractive keratectomy to correct hyperopic shift after radial keratotomy

H. Joyal, J. Grégoire, A. Faucher*

0837 Abstract A-25

Preliminary results of treatment of presbyopic eyes with multifocal ablations using the STAR S3 excimer laser system

W.B. Jackson, G. Mintsioulis,*

M.D. Lafontaine, B. Lorimer, L. O'Connor

0844 Abstract A-26

WaveScan-guided laser in situ keratomileusis treatment of hyperopia using the VISX WavePrint system

W.B. Jackson, G. Mintsioulis,*

M.D. Lafontaine, B. Lorimer, L. O'Connor

0851 Discussion

0900 Abstract A-27

Customized correction of irregular corneal astigmatism using the VISX S3 contoured ablation pattern

S. Rehsia, G. Rocha*

0907 **The biodynamics of refractive surgery and the advantages of surface vs. stromal ablation**
John Marshall

0921 **Discussion**

0930–1030

Break / Pause

Surgical Cornea/Refractive Surgery / Chirurgie réfractive et de la cornée

Session chair / Présidence :

Allan Slomovic

1030 **Introduction of 3rd Annual Bruce Jackson Lecturer**
A. Slomovic

1033 **3rd Annual Bruce Jackson Lecture**
What I have learned about corneal transplantation
Hélène Boisjoly

1053 **Discussion**

1100 **Abstract A-28**
Amniotic membrane transplantation for patients with painful bullous keratopathy awaiting penetrating keratoplasty
L. Racine, P.E. Demers, P. Thompson*

1107 **Abstract A-29**
Improving corneal tissue donation rates in the emergency department setting
Third prize, COS/Coherent-AMT Award for Excellence in Ophthalmic Research / Troisième prix d'excellence SCO/Coherent-AMT en recherche ophtalmique
A.M. Carlsson, J.A. Lord, K. Graham, W.E. Willis*

1114 **Corneal transplant waiting lists in Canada**
P. Demong, A. Beaudet, A. Slomovic

1121 **Discussion**

1130 **Crystals after laser in situ keratomileusis: a case report**
B. Nichols

1137 **Phakic intraocular lenses**
G. Lafond

1151 **Discussion**

1200–1300

Lunch / Déjeuner

1300 **Business meeting**

**Surgical Cornea – Part 2 /
Chirurgie de la cornée 2**

Session chair / Présidence :

Michel LeFrançois

1330 **Introduction**
M. LeFrançois

1333 **Endothelial replacement: new surgical strategies**
Mark Terry

1353 **Discussion**

- 1400 **Two-step anterior lamellar keratoplasty**
William W. Culbertson
- 1407 **Deep lamellar anterior keratoplasty**
Mark Terry
- 1414 **Complications of Human Amniotic Membrane Transplantation**
W.G. Hodge
- 1421 **Discussion**
- 1430 **Abstract A-30**
Assessment of a disposable artificial anterior chamber
G. Rocha
- 1437 **Abstract A-31**
Indications for penetrating keratoplasty in Ontario, 1996–2001
A. Ali, D.S. Rootman*
- 1444 **Surgical corneal conundrums**
Mark Terry
- 1451 **Discussion**

1500–1530

Break / Pause

**Medical Cornea / Soins thérapeutiques
de la cornée**

Session chair / Présidence :
Guillermo Rocha

- 1530 **Introduction**
G. Rocha
- 1533 **Infections associated with refractive surgery**
William W. Culbertson
- 1553 **Discussion**
- 1600 **Abstract A-32**
Infectious keratitis as a complication of overnight orthokeratology
V. Hill, M. Ashenurst, R. Jans*
- 1607 **Abstract A-33**
Reevaluation of the pathological diagnosis and natural history of conjunctival intraepithelial neoplasia
C.M. Anjema, N.R. Willis, J.G. Heathcote*
- 1614 **Topical chemotreatment of conjunctival and corneal squamous tumours**
Michael E. Snyder
- 1621 **Discussion**
- 1630 **Abstract A-34**
Management of late mucous plaque keratopathy following herpes zoster ophthalmicus
A. Al Muammar, W.B. Jackson*
- 1637 **Ocular complications related to routine postcataract use of topical nonsteroidal anti-inflammatories**
N. Singal, D. Rootman*
- 1644 **Fungal keratitis: medical or surgical therapy**
William W. Culbertson
- 1651 **Discussion**