

Courses

Les cours

Day 1 / Jour 1 Thursday, June 26 / Jeudi 26 juin

Canadian Ophthalmological Society

1500–1700	MacKay/Mayflower, Delta Halifax	PowerPoint for Physicians Participants must bring their own laptops	B. Hurley
1500–1800	MacDonald/McNabb, Delta Halifax	Physician Group Practice	Practice Solutions (formerly MD Management)
1500–1800	Bluenose, Delta Halifax	Starting Your Medical Practice	Practice Solutions (formerly MD Management)

The Canadian Orthoptic Society workshops

1330–1430	Baronet 1, Delta Halifax	Teaching Workshop	K. Mann
1330–1430	Baronet 2/3, Delta Halifax	Ocular Abduction Deficit	A. Patel
1445–1545	Baronet 1, Delta Halifax	Supporting Educational Services for Students with Visual Impairment	P.A. MacCuspie
1445–1545	Baronet 2/3, Delta Halifax	Nystagmus, Head Postures, Treatment(s)	P. Echeverri
1600–1700	Baronet 1, Delta Halifax	Early Intervention in Children with Visual Impairment and Blindness	D. Pickering
1600–1700	Baronet 2/3, Delta Halifax	Insights into the Origin and Treatment of Amblyopia Gained from Studies of Animal Models	D. Mitchell

Industry courses

1300–1445	Granville, Delta Barrington Hotel	Anterior Segment Ultrasound (800) 313-8696	Innova Medical Ophthalmics Inc.
1500–1700	Granville, Delta Barrington Hotel	Posterior Segment Ultrasound: From Diagnostic A-scan to Normal and High-Frequency B-scan (800) 313-8696	Innova Medical Ophthalmics Inc.
1400–1700	Sackville, Delta Barrington Hotel	Optical Coherence Tomography (OCT): a New Retinal Imaging Modality Registration fee: \$50 Registrar: (613) 737-8235, fax (613) 739-6645	S. Coupland University of Ottawa
1530–1830	Port Royal E, World Trade and Convention Centre	Live Surgery “Satellite Broadcast” Registrar: (800) 268-4574 English, (800) 387-8184 French	Alcon Canada Inc.
1830–2130	Windsor, Prince George Hotel	Dialogues on Glaucoma Management Registrar: Sylvie Trépanier, (514) 428-2893, sylvie_trepanier@merck.com, or Manon Legault, (514) 428-3004, manon_legault@merck.com.	Merck Frosst

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

0730–1030	Second-floor Boardroom, World Trade and Convention Centre	The Canadian Orthoptic Society Teachers Workshop	J. Schofield, L. Irons
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Day 4 / Jour 4 Sunday, June 29 / Dimanche 29 juin

1300–1600	Highland 9	Glaucoma Wet Lab	
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Business Meetings

Les réunions d'affaires

Day 1 / Jour 1 Thursday, June 26 / Jeudi 26 juin

0700–0800	Room 217, Prince George Hotel	Royal College of Physicians and Surgeons of Canada Nucleus Committee	K.G. Romanchuk
0800–1100	Room 217, Prince George Hotel	Association of Canadian University Professors of Ophthalmology	P.L. Hooper
1300–1400	Regency 2, Prince George Hotel	COS Resident Affairs	L. Chui
1500–1700	Regency 2, Prince George Hotel	Canadian Journal of Ophthalmology Editorial Board	M.N. Burnier, Jr.
1500–1700	Prince Suite, Prince George Hotel	COS Council on Provincial Affairs	L. Bellan
1700–1900	President's Suite, Prince George Hotel	COS Board of Directors	D.P. Anderson
1700–2000	Regency 1, Prince George Hotel	Canadian Orthoptic Council	C.M. Skov

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

0700–0800	Highland 9, WTCC	Atlantic Provinces Ophthalmological Society Annual Business Meeting	G.P. O'Hanley
1200–1700	Second-floor Boardroom, WTCC	COS Eye Bank Committee	C. Seamone

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

0700–0800	Highland 9, WTCC	Christian Ophthalmologists Speaker: David Yorston	A. Hoskin-Mott
0800–1000	Second-floor Boardroom, WTCC	Canadian Orthoptic Society Executive	J. Schofield, L. Irons

Day 4 / Jour 4 Sunday, June 29 / Dimanche 29 juin

0700–0800	Cornwallis, WTCC	COS Annual Business Meeting	D.P. Anderson
0800–1030	Highland 8, WTCC	Canadian Orthoptic Society Annual Business Meeting	J. Schofield, L. Irons
1200–1500	Second-floor Boardroom, WTCC	COS Council on Continuing Professional Development	P. Rafuse

WTCC = World Trade and Convention Centre

Scientific Program

Day 1 / Jour 1 Thursday, June 26 / Jeudi 26 juin

■ **Canadian Ophthalmic Pathology Society / Société canadienne de la pathologie oculaire**

0800–1700

Location / Local : Baronet 4/5/6, Delta Halifax

Guest / Invité :

Thaddeus Dryja, Boston, Mass.

Moderator / Animateur :

J. Godfrey Heathcote

Case presentations

All welcome

Scientific Program

Day 1 / Jour 1 Thursday, June 26 / Jeudi 26 juin

COS PowerPoint for Physicians / PowerPoint pour les médecins

1500–1700

Location / Local : MacKay/Mayflower, Delta Halifax

This course is designed to review techniques for MS PowerPoint presentations that would be of interest to ophthalmologists and ophthalmic personnel. A brief introduction will be given outlining recent improvements in PowerPoint. Specific examples will be provided to demonstrate how easy it is to use these capabilities and make PowerPoint even more powerful, bringing oral presentations to life and improving their effect on the audience. Opportunity will be provided for all in attendance to gain hands-on experience using these techniques. Ample time will be dedicated to addressing specific questions that arise during the workshop.

Ce cours a pour objet de revoir les techniques de présentation de MS PowerPoint, susceptibles d'intéresser les ophtalmologistes et le personnel auxiliaire. Une brève introduction donnera un aperçu des dernières améliorations apportées à PowerPoint. Des exemples particuliers démontreront la convivialité et la puissance accrue du logiciel qui permet de donner vie aux présentations et d'en améliorer l'impact chez l'auditoire. Les participants auront l'occasion d'essayer sur place ces techniques. L'on prévoit aussi suffisamment de temps pour répondre aux questions qu'aura soulevées l'atelier.

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

COS **Scientific Session 1 / Atelier scientifique 1**
Current Concepts I / Les notions courantes I

0800–0930

Location / Local : Port Royal E

Moderator / Animateur :

Paul Rafuse,

Chair, Council on Continuing Professional Development /
Président du Conseil du perfectionnement professionnel continu

0800 **Welcome**

Duncan Anderson, President, COS / Président de la SCO

Gerald O'Hanley, President, Atlantic Provinces Ophthalmological Society / Président de la Société d'ophtalmologie des provinces de l'Atlantique

0810 **Eye Bank donor awareness**

Christopher Seamone, Chair, COS Eye Bank Committee / Président du Comité de la banque d'yeux de la SCO

Jan Batiuk, Lions Eye Bank, Alberta / Banque d'yeux des Lions d'Alberta

0815 **Investigation of acquired oculomotor palsy — contemporary imaging**

Robert McFadzean

0825 **Latest concepts in blepharoplasty**

Clinton D. McCord, Jr.

0835 **Retinitis pigmentosa and allied diseases: numerous diseases, numerous genes and numerous inheritance patterns**

Thaddeus Dryja

0845 **Laser weapons and their impact on ophthalmology**

John Marshall

0855 **Mission implausible: the elimination of cataract blindness**

David Yorston

0905 **Assorted cases of intraocular lens complications**

Michael E. Snyder

0915 **New thoughts on the pathophysiology of pseudoexfoliation**

David G. Campbell

0925 **Discussion**

0930–1030

Break / Pause

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

COS **Scientific Session 2 / Atelier scientifique 2**

Making a Difference in Eye Care in Underserved Populations / Le réaménagement des soins oculaires chez les populations mal servies

1030–1200

Location / Local : Highland 10

Objectives: To illustrate different avenues of improving eye care in underserved populations and to discuss practical approaches to increase the effectiveness of different types of involvement. The burden of world blindness, the World Health Organization Vision 2020 Program and new developments in international ophthalmology will also be reviewed.

Objectifs : Illustration de divers moyens d'améliorer les soins oculaires chez les populations mal servies et revue de façons pratiques d'accroître l'efficacité de différents types d'engagement. Le fardeau de la cécité dans le monde, le programme Vision 2020 de l'Organisation mondiale de la santé et les nouveaux développements internationaux en matière d'ophtalmologie seront aussi à l'ordre du jour.

Guest / Invité :

David Yorston, London, UK

Moderators / Animateurs :

Ralf Buhrmann, Brian Leonard

1030 **Welcome**

B. Leonard

1032 **What's new in international ophthalmology**

David Yorston, M. Aubin

1055 **Making a difference through service**

J. Harvey

1104 **Making a difference through public health**

M. Aubin

1113 **Making a difference through research**

D. Maberley

1123 **Making a difference through teaching**

B. Leonard

1131 **Conférence E.A. Baker Lecture**

Harnessing short-term involvement for long-term goals

David Yorston

1140 **Discussion**

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

S Canadian Retina and Vitreous Society / Société canadienne de la rétine et du vitré

1030–1700

Location / Local : Highland 6

Objectives: The presentations are largely of a clinical research nature. The participants will have the opportunity to review and discuss novel medical and surgical techniques and applications to help determine when and how they might be included in their clinical practice.

Objectifs : L'exposé consiste surtout en une recherche clinique. Les participants auront l'occasion de revoir les nouvelles techniques et applications médicales et chirurgicales et d'examiner ensemble quand et comment ils pourraient les inclure dans leur pratique clinique.

Guest / Invitée :

Johanna M. Seddon, Boston, Massachusetts

Medical Retina I / Soins thérapeutiques de la rétine I

Session chair / Présidence :

Arif Samad

1030 **Clinical–biochemical correlations in Oguchi's disease**

Thaddeus Dryja

1050 **Discussion**

1100 **Abstract A-1**

Mutant frizzled-4 (FZD4) causes autosomal dominant familial exudative vitreoretinopathy with variable intrafamilial phenotype

J. Robitaille, M.L.E. MacDonald,
A. Kaykas, L. Sheldahl, M.-P. Dube,
D.L. Guernsey, B. Zheng, L.S. Siebert,
A. Hoskin-Mott, M.J. Beis, S.N. Pimstone, B.S. Shastry, R.T. Moon, M.R. Hayden,
Y.P. Goldberg, M.E. Samuels*

1107 **Abstract A-2**

The effect of docosahexaenoic acid supplementation on macular function in a patient with a mutation in ELOVL4

I.M. MacDonald, M. Hébert, R.J. Yau,
S. Flynn, J. Jumpsen, M. Suh,
M.T. Clandinin*

1114 **Abstract A-3**

Changes in multifocal electroretinography amplitude, but not timing, secondary to chloroquine and hydroxychloroquine toxicity

A. Bhargava, S.G. Coupland, P.J. Kertes, B.C. Leonard*

1121 **Discussion**

- 1130 **Abstract A-4**
Five-year outcomes of the Canadian proton radiation therapy experience *K.E. Paton, L.A. Wittenberg**
- 1137 **Abstract A-5**
Neovascular glaucoma following proton beam radiation therapy: risk factors, monitoring and treatment strategies
K.E. Paton, L.A. Wittenberg*
- 1144 **Abstract A-6**
Bilateral exudative retinal detachment as initial presentation of sympathetic ophthalmia
C.W. Chang, M.D.J. Greve, B.J. Hinz*
- 1151 **Discussion**

1200–1330

Lunch / Déjeuner

Surgical Retina / Soins chirurgicaux de la rétine

Session chair / Présidence :

Peter J. Kertes

- 1330 **Retinal detachment in developing countries**

David Yorston

- 1350 **Discussion**

- 1400 **Abstract A-7**

Posterior vitreous detachment: Is the 6-week follow-up necessary?

First prize, COS/Coherent-AMT Award for Excellence in Ophthalmic Research / Premier prix d'excellence SCO/Coherent-AMT en recherche ophtalmique

K. Hasanee, S. Sharma*

- 1407 **Abstract A-8**

The new 25-gauge sutureless vitrectomy: outcomes and complications

M.-J. Fredette, Y. Tardif, B. Cinq-Mars*

- 1414 **Abstract A-9**

Massive peripapillary choroidal neovascularization: an indication for submacular surgery

P.J. Kertes

- 1421 **Discussion**

- 1430 **Abstract A-10**

Visual outcome of epiretinal membrane surgery with trypan blue

M. Perrier, M. Sébag*

- 1437 **Abstract A-11**

Outcome of macular hole surgery using trypan blue to facilitate delamination of the internal limiting membrane

M. Perrier, M. Sébag*

- 1444 **The etiology of macular detachment in an optic nerve pit/coloboma**

B. Hurley, P.J. Kertes*

- 1451 **Discussion**

1500–1530

Break / Pause

Medical Retina II / Soins thérapeutiques de la rétine II

Session chair / Présidence :

Murray J. Erasmus

1530 **TBA**

Johanna M. Seddon

1550 **Discussion**

1600 **Abstract A-12**

Can multifocal electroretinography be used to follow patients with age-related macular degeneration after photodynamic therapy and predict the need for retreatment?

M.-J. Fredette, H. Shekavat, G. Lalonde, B. Cinq-Mars, Y. Tardif, M. Malenfant, M. Hébert*

1607 **Abstract A-13**

Does photodynamic therapy retreatment affect electroretinal function?

S.G. Coupland, B.C. Leonard, P.J. Kertes*

1614 **Abstract A-14**

Off-label uses of photodynamic therapy

R. Varma, M.J. Erasmus, K. Colleaux*

1621 **Discussion**

1630 **Abstract A-15**

Evaluation of active and clinically resolved central serous chorioretinopathy with multifocal electroretinography

L.A. Wittenberg, D. Maberley*

1637 **Abstract A-16**

Micropulsed diode laser treatment for chronic idiopathic central serous chorioretinopathy

F. Ali, N. Armogan, J. Freudenthal*

1644 **Abstract A-17**

Focal laser treatment of retinal angiomatous proliferations guided by high-speed indocyanine green imaging

T.M. Johnson, B.M. Glaser*

1651 **Discussion**

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

S Canadian Society of Oculoplastic and Reconstructive Surgery / Société canadienne de la chirurgie oculoplastique et reconstructive

1030–1500

Location / Local : Highland 7

Objectives: To present new and innovative techniques in oculoplastic and reconstructive surgery. Ophthalmologists and health care professionals will be updated on current and common management, philosophies and treatment regarding oculoplastic, orbit and lacrimal disease.

Objectifs : Présentation des techniques nouvelles et innovatrices de chirurgie oculoplastique et reconstructive. Mise à jour des ophtalmologistes et des professionnels de la santé en ce qui a trait à la prise en charge courante et commune, aux principes et au traitement des maladies oculoplastiques, orbitales et lacrymales.

Guest / Invité :

Clinton D. McCord, Jr., Atlanta, Georgia

Moderator / Animateur :

Larry H. Allen

1030 **Introduction**

L.H. Allen

1035 **TBA**

Clinton D. McCord, Jr.

1050 **Discussion**

1055 **Abstract A-18**

Dynarod silicone sling for ptosis surgery: description of a new posterior approach and case series

J.H. Oestreicher, N. Nijhawan*

1103 **Abstract A-19**

Oculopharyngeal dystrophy: Should we suspend resection?

P.R. Boulos, I. Hardy, N. Tucker,*

Y. Almazroui

1111 **Chalazions – acne rosacea: a risk factor**

L.H. Allen

1118 **Discussion**

1133 **Abstract A-20**

Solitary fibrous tumours of the orbit: a case series of four

E. Tam, N. Nijhawan, J.T. Harvey,*

D. Howarth, J.H. Oestreicher

1141 **Abstract A-21**

Benign lymphocytic infiltration of the lacrimal glands: A new subtype of primary Sjögren's syndrome?

B. Parkin, J. Chew, G. Garcia-Briones,*

J. Rootman

1157 **Discussion and posters**

1200–1300

Lunch / Déjeuner

- 1300 **Introduction**
L.H. Allen
- 1305 **TBA**
Clinton D. McCord, Jr.
- 1320 **Discussion**
- 1333 **Abstract A-22**
The role of ultrasound biomicroscopy in the diagnosis of retained plugs within the canaliculus
J.J. Hurwitz, C.J. Pavlin*
- 1341 **Orbit infections**
L.H. Allen
- 1349 **Discussion**
- 1413 **Amniotic membrane for socket reconstruction**
S. Baker
- 1421 **Discussion**
- 1453 **Closing and business meeting**

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

AH The Canadian Orthoptic Society / La Société canadienne d'orthoptique

1030–1700

Location / Local : Highland 8

Objectives: To discuss the investigation and clinical management of nystagmus; investigate the presence of monocular clues in various stereoacuity tests; examine the spectrum of clinical features of autosomal dominant optic atrophy and the associated genetic characteristics; review the mechanism and features of latent nystagmus; report the features of a case of seesaw nystagmus; review the findings associated with acquired downbeat nystagmus; analyse the results of a modified vision screening protocol in children aged 3 to 4 years; discuss the effectiveness and validity of vision screening in children; discuss the predictability of potential undercorrections in strabismus surgery; distinguish the behavioural consequences of lesions in the two major visual anatomic pathways of the striate cortex; and examine surgical techniques and outcomes in treatment of partial third nerve palsy.

Objectifs : Échanges sur l'investigation et la gestion clinique du nystagmus; examen de la présence d'indices mononucléaires dans divers tests de stéréo-acuité; examen du spectre des particularités cliniques de l'atrophie optique à caractère autosomique dominant et des caractères génétiques qui y sont associés; revue du mécanisme et des caractéristiques du nystagmus latent; étude d'un cas de nystagmus rotatoire; examen des données associées au nystagmus vertical acquis; analyse des résultats d'un protocole modifié d'examen de la vue chez les enfants de 3 et 4 ans; discussion de l'efficacité et de la validité de l'examen de la vue chez les enfants; discussion sur la prévisibilité des possibilités de correction insuffisante de l'opération du strabisme; distinction entre les conséquences comportementales des lésions dans les deux principales voies anatomiques de l'aire sensorio-visuelle du cortex cérébral; et examen des techniques opératoires et des résultats dans le traitement de la paralysie partielle du troisième nerf crânien.

Guest / Invité :

J. Raymond Buncic, Toronto, Ontario

Moderators / Animatrices :

Jennifer Schofield, Laura Irons

1030 **Opening remarks**

1045 **Conférence Pratt-Johnson Lecture**

A clinician's approach to nystagmus

J. Raymond Buncic

1115 **Monocular clues in stereoacuity tests**

E. Hahn, D. Comstock, S. Connick,
P. Janes, G.R. LaRoche, J. MacCarron,
S. Mullah*

1130 **Genetic analysis and mutation effect on the variation of phenotype of autosomal dominant optic atrophy: preliminary findings**

J. Parkinson, J. Robitaille, I. De Becker,
F. Tremblay, M.J. Beis, C. Maxner,
D. Guernsey, J.R. Buncic*

1145 **Discussion**

- 1315 **Graduates' presentation**
- 1330 **Latent nystagmus — What's it all about?**
J. Raymond Buncic
- 1400 **A new case of seesaw nystagmus**
L. Irons
- 1415 **Downbeat nystagmus**
B. Ford
- 1430 **Discussion**

1445–1500**Break / Pause**

- 1500 **Negative predictive value of a Nova Scotia screening program aimed at children aged 3–4 years**
T. Fraser, L. Chui, G.R. LaRoche, K. Hoar*
- 1515 **Can we make a business case for vision screening?**
G.R. LaRoche
- 1530 **Undercorrections — some are predictable**
William Scott
- 1545 **Discussion**

1600–1615**Break / Pause**

- 1615 **Lesions to the cortical visual system**
P. McMullen
- 1630 **Strabismus surgery for partial third nerve palsy**
M. Flanders
- 1645 **Discussion**
- 1700 **Closing remarks**

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

COS **Scientific Session 3 / Atelier scientifique 3**
Surgical Teaching Series – Glaucoma /
L'enseignement de la chirurgie – le glaucome

1330–1500

Location / Local : Highland 11

Objectives: To review advances and updates in glaucoma surgical techniques and postoperative management.

Objectifs : Revue des progrès et mises à jour des techniques chirurgicales et des soins postopératoires du glaucome.

Moderator / Animateur :

Ike Ahmed

1330 **Trabeculectomy techniques and challenges**

TBA

1400 **Antimetabolite usage tips**

TBA

1410 **Combined cataract and glaucoma surgery**

TBA

1425 **Postoperative management techniques**

TBA

1445 **Discussion**

Note: If enough interest is shown, Surgical Teaching Series, Part II – Glaucoma Wet Lab will be held Sunday, June 29, 1300–1600, Highland 9. Registrar: (800) 267-5763, kross@eyesite.ca. / Nota : S'il y a suffisamment d'intérêt, la 2^e partie, Exercice pratique, de la série Enseignement de la chirurgie, aura lieu le dimanche 29 juin, de 13 h à 16 h, à la salle Highland 9. Inscription : (800) 267-5763, kross@eyesite.ca.

Scientific Program

Day 2 / Jour 2 Friday, June 27 / Vendredi 27 juin

COS **Scientific Session 4 / Atelier scientifique 4**
Current Topics in Cataract Surgery /
Notions courantes sur la chirurgie de la cataracte

1530–1700

Location / Local : Port Royal E

Objectives: To provide surgeons with: knowledge that will help prevent complications before and during cataract surgery; knowledge and surgical techniques that will help them deal with difficult cases (e.g., posttraumatic cataracts, loose zonules); indications for phacovitrectomy along with a review of complications related to cataract surgery in eyes having undergone vitrectomy; and knowledge regarding new technology and evolving techniques that will simplify their approach to phacoemulsification.

Objectifs : À l'intention des chirurgiens : connaissances qui aideront à prévenir les complications avant et pendant la chirurgie de la cataracte; théorie et techniques chirurgicales qui aideront à soigner les cas difficiles (e.g. : cataractes post-traumatiques, zonules lâches); indications de phacovitrectomie et revue des complications liées à la chirurgie de la cataracte après une vitrectomie; et connaissance des nouvelles technologies et de l'évolution technique qui simplifieront l'approche à la phacoémulsification.

Guest / Invité :

Michael E. Snyder, Cincinnati, Ohio

Moderator / Animateur :

Gilles Cormier

1530 **Welcome**

G. Cormier

1532 **How to avoid complications in phacoemulsification**

G. Rocha

1539 **Surgical techniques for phacoemulsification of the loose lens**

Michael E. Snyder

1553 **Phacovitrectomy**

D. O'Brien

1600 **Discussion**

1607 **Sleeveless phaco**

C. Ménard

1614 **Indications and use of artificial iris prostheses**

Michael E. Snyder

1621 **Intraocular lens calculations following refractive surgery**

T. Demong

1628 **Ophthalmic viscosurgical devices to prevent and manage complications in cataract surgery**

S. Arshinoff

1635 **Abstract A-23**

Reduced ultrasonography time in phacoemulsification of nuclear cataracts with a modified Akahoshi prechopping technique with NeoSoniX

A.M. Carlsson, T. Demong, P. Demong, H. Chacon*

1642 **Discussion**

Scientific Program

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

COS **Scientific Session 5 / Atelier scientifique 5**
Neuro-ophthalmology 2003 – Gems and Pearls /
Neuro-ophtalmologie 2003 – Des bijoux et des perles

0800–0930

Location / Local : Port Royal E

Objectives: This symposium is intended for community ophthalmologists, ophthalmology residents and subspecialists with an interest in the diagnosis and management of neuro-ophthalmologic conditions. By the end of this symposium, participants will have: gained an understanding of current concepts regarding diagnosis and management of optic neuritis and transient monocular visual loss; gained knowledge about the relevance of modern imaging and laboratory techniques to neuro-ophthalmologic conditions; learned about state-of-the-art methods of following patients being treated with vigabatrin; and learned about neuro-ophthalmologic aspects of Canadian driving standards.

Objectifs : À l'intention des ophtalmologistes, des résidents en ophtalmologie et des sous-spécialistes intéressés au diagnostic et au traitement des maladies neuro-oculaires : approfondissement des notions courantes concernant le diagnostic et le traitement de la névrite optique et de la perte visuelle monoculaire transitoire; meilleure connaissance de la pertinence de l'imagerie moderne et des techniques de laboratoire pour les maladies neuro-oculaires; apprentissage des dernières méthodes de suivi des patients soignés à la vigabatrine; et mise à jour des aspects neuro-ophtalmologiques des normes de conduite automobile au Canada.

Guest / Invité :

Robert McFadzean, Glasgow, UK

Moderator / Animateur :

James Lewis

0800 **Welcome**

J. Lewis

0801 **Conférence Royal College Lecture**
Management of acute optic neuritis

Robert McFadzean

0815 **Retinal atrophy and secondary inverse optic neuropathy associated with vigabatrin**

J.R. Buncic

0824 **Neuro-ophthalmology and driving**

D.P. Anderson

0833 **Discussion**

0845 **TBA**

A.V. Mishra

0854 **Diffusion-weighted magnetic resonance imaging**

A.D. Patel

0903 **Transient monocular vision loss: a laboratory-based approach**

C.E. Maxner

0917 **Discussion**

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**

Scientific Program

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

AH Canadian Society of Ophthalmic Registered Nurses / Société canadienne des infirmières diplômées en ophtalmologie

0800-1700

Location / Local : Cornwallis 1

Moderator / Animatrice :
Cathy Cormier

0730 **Welcome**

0800 **Annual business meeting**

0900 **Ophthalmology in India**
R. Bickerton

0945 **Eye Van Ontario**
M. Pilkington

1015-1045

Break / Pause

1045 **Stem cell research**
A. LaFlamme

1130 **The role of sedation in an ambulatory setting**
Y. Shariff

1215-1315

Lunch / Déjeuner

1315 **New technologies in vitreoretinal surgery**
R. Cabana

1415 **Visudyne therapy**
TBA

1500 **New technology in cataract surgery techniques**
C. Baker

Scientific Program

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

COS Scientific Session 6 / Atelier scientifique 6

Glaucoma – Diagnosis and Treatment / Le glaucome – diagnostic et traitement

1030–1200

Location / Local : Port Royal E

Objectives: To understand that: pseudoexfoliation glaucoma is not limited to white people; ASA intake is associated with disc hemorrhages in a subpopulation of patients with open-angle glaucoma; there are seven structural rings in the eye that blunt trauma affects, which can lead to glaucoma; selective laser trabeculoplasty has promising long-term results compared to argon laser trabeculoplasty; and glaucoma in the patient with a normal pressure reading in the office may not be adequately controlled or properly diagnosed.

Objectifs : Comprendre les notions suivantes : le glaucome capsulaire ne se limite pas aux personnes de race blanche; l'absorption d'AAS est associée aux hémorragies de la papille chez une sous-population de patients atteints de glaucome à angle ouvert; il y a dans l'œil affecté par une contusion sept anneaux structurels qui peuvent entraîner le glaucome; la trabéculoplastie au laser sélectif donne des résultats prometteurs à long terme comparativement à celle au laser à l'argon; et il se peut que le glaucome d'un patient dont le relevé de pression paraît normal au cabinet du médecin ne soit pas maîtrisé ou diagnostiqué adéquatement.

Guest / Invité :

David G. Campbell, Lebanon,
New Hampshire

Moderator / Animateur :

Robert M. Schertzer

Diagnosis / Diagnostic

1030 **Abstract A-35**

Prevalence of pseudoexfoliation syndrome in the immigrant Tamil population in Toronto

U. Ramesh, C. Birt, C. Kranemann*

1039 **Abstract A-36**

Factors associated with optic disc hemorrhages in patients with open-angle glaucoma: a longitudinal study

A.S. Soares, B.C. Chauhan, P.H. Artes, R.P. LeBlanc, M.T. Nicolela*

1048 **Seven rings of damage in blunt trauma and glaucoma**

David G. Campbell

1106 **Discussion**

Treatment / Traitement

1118 **Abstract A-37**

Long-term results of selective laser trabeculoplasty vs. argon laser trabeculoplasty in a randomized clinical trial

A.M. Bovell, K.F. Damji, W.G. Hodge, W. Rock, R. Buhrmann*

1127 **Glaucoma and normal pressure: What should we do?**

M. Bruce Shields

1148 **Discussion**

Scientific Program

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

Canadian Association of Pediatric Ophthalmologists / Société canadienne de l'ophtalmologie pédiatrique

1030–1500

Location / Local : Highland 7

Guests / Invités :

J. Raymond Buncic, Toronto, Ontario

William Scott, Iowa City, Iowa

Session chair / Présidence :

G. Robert LaRoche

1030 **Twenty years of neuro-ophthalmology — What did I learn?**

J. Raymond Buncic

1045 **Discussion**

1050 **Amblyopia treatment: multifaceted issue, predictable outcomes**

William Scott

1110 **Discussion**

Session chair / Présidence :

Anik Fournier

1115 **Abstract A-38**

Characterization of the genotype and phenotype of congenital stationary night blindness in Atlantic Canada

B.A. Ford, J. Beis, F. Tremblay,*

I. De Becker, N.T. Bech-Hansen,

J. Robitaille

1125 **Discussion**

1130 **Abstract A-39**

Vertical deviations secondary to inferior oblique inclusion in lateral rectus surgery

*R. Cline, A. Valenzuela**

1140 **Discussion**

1145–1230

**Business meeting and box lunch /
Assemblée générale et déjeuner**

Session chair / Présidence :

Anik Fournier

1230 **Case discussions**

1300 **Abstract A-40**

New systemic features associated with aniridia

A. Valenzuela, R. Cline*

1310 **Discussion**

- 1315 **Abstract A-41**
Neonatal Terson's syndrome presenting as bilateral leukocoria in a term infant
B. Hurley, P.J. Kertes*
- 1325 **Discussion**
- 1330 **Abstract A-42**
Validation of parents' comprehension of an informatics-based informed consent tool in retinoblastoma
R.L. Panton, K. Wogn, W. Yong, Q.-L. Li, E. Héon, H. Chan, B. Gallie*
- 1340 **Discussion**
- Poster flash points**
Session chair / Présidence :
Alex Levin
- 1345 **Abstract P-8**
Histology and anatomy of the inferior oblique muscle in humans
G.R LaRoche, S. Pasternak, L. Walsh, J. Wright*
- 1346 **Abstract P-22**
Microspherophakia
T.A. Mahmoud, J.M. Little, R.C. Polomeno*
- 1347 **Abstract P-24**
Outcome analysis of a Nova Scotia vision screening program for children aged 36–48 months
L. Chui, T. Fraser, G.R. LaRoche, K. Hoar*
- 1348 **Abstract P-23**
Orbital and intracranial teratoma in a newborn
F. Kherani, S.M. Goldstein, J.A. Katowitz*
- 1350 **Questions and comments**
- 1410 **Case presentations**

Scientific Program

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

5 Canadian Neuro-ophthalmology Society / Société canadienne de la Neuro-ophtalmologie

1330-1700

Location / Local : Highland 8

Objectives: In this session the attendee will: learn new concepts of arteritic and nonarteritic ischemic optic neuropathy; review clinical findings associated with disease processes involving the trigeminal ganglion; learn/review presentations of pituitary tumours and their emergency management; understand the ocular tilt reaction and how it may signal disease in the pediatric population; and learn about other rare diseases that affect the visual and oculomotor pathways.

Objectifs : Apprentissage de notions nouvelles au sujet de la névropathie optique ischémique, artéritique et non artéritique; revue des données cliniques associées aux processus morbides impliquant le ganglion trigéminal; apprentissage ou revue des présentations des tumeurs pituitaires et le traitement d'urgence de celles-ci; compréhension de la réaction d'inclinaison oculaire et du signe de maladie qu'elle peut présenter chez la population pédiatrique; et apprentissage des effets que peuvent avoir des maladies rares sur les voies visuelles et oculo-motrices.

Guest / Invité :

Robert McFadzean, Glasgow, UK

Moderator / Animateur :

Martin ten Hove

1330 **Anterior ischemic optic neuropathy: current concepts**

Robert McFadzean

1345 **An unusual case of Leber's hereditary optic neuropathy**

A.D. Patel

1352 **A strange case of blurred vision**

K. Ramsey

1359 **Coincidence or association?**

L. Shuba

1406 **Cotton-wool spots and giant cell arteritis**

D. Zackon

1413 **Discussion**

1430 **Unilateral hypoplasia of the trigeminal ganglion**

A. Milne, L. Chui, A. Mishra, C. Maxner*

1437 **Bromocriptine in the treatment of visual loss secondary to pituitary adenoma**

D. Zackon

1444 **Ocular tilt reaction in pediatric brain-stem lesions**

J. Dondey, J.R. Buncic

1451 **Discussion**

1500-1520

Break / Pause

- 1520 **Pituitary apoplexy: a neuro-ophthalmologic emergency**
Robert McFadzean
- 1530 **Epidemiology of giant cell arteritis**
A.D. Patel
- 1537 **An uncommon cold**
M. ten Hove, M. Melanson*
- 1544 **Central nervous system tuberculosis**
D. Zackon
- 1551 **Discussion**
- 1600 **Unconventional optical techniques in diplopia management**
G. Roper-Hall
- 1620 **Clinical challenges: oculomotor**
Cases from the audience
- 1640 **Discussion**
- 1650 **Business meeting**

Scientific Program

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

COS **Scientific Session 7 / Atelier scientifique 7**
The Best in Canadian Pediatric Ophthalmology for 2003 /
Ce qu'il y a de mieux en ophtalmologie pédiatrique pour 2003

1530–1705

Location / Local : Port Royal E

Objectives: To ensure that Canadian ophthalmologists know the current standards for the management of the most visually disabling diseases in children.

Objectifs : Faire en sorte que les ophtalmologistes canadiens connaissent les normes de prise en charge des maladies qui entraînent une déficience visuelle importante chez les enfants.

Guest / Invité :

William Scott

Moderator / Animateur :

G. Robert LaRoche

1530 **Retinopathy of prematurity monitoring in Canada**

A. Ells

1545 **Discussion**

1550 **Stability of amblyopia treatment results**

William Scott

1600 **Discussion**

1605 **Genetic tests really worth doing**

J.M. Robitaille

1620 **Discussion**

1625 **Detection of glaucoma in children**

P. Hamel

1640 **Discussion**

1645 **Retinoblastoma management in Canada**

E. Héon

1700 **Discussion**

Scientific Program

Day 4 / Jour 4 Sunday, June 29 / Dimanche 29 juin

Canadian Glaucoma Society / Société canadienne du glaucome

0800-1200

Location / Local : Highland 6

Objectives: During this session we will review current concepts of diagnosis and management of the various types of angle-closure glaucoma; review the epidemiology of angle-closure glaucoma; and discuss the relevance of ultrasound biomicroscopy in identifying certain specific types of angle-closure glaucoma.

Objectifs : Revue des notions courantes en matière de diagnostic et de soins des divers types de glaucome à angle fermé; revue de l'épidémiologie du glaucome à angle fermé; discussions sur la pertinence de la bio-microscopie à l'ultrason pour dépister certains types particuliers de glaucome à angle fermé.

Guest / Invité :

M. Bruce Shields, New Haven, Connecticut

Session chair / Présidence :

Raymond P. LeBlanc

0800 **The angle-closure glaucoma suspect: when and how to perform iridotomies**

M. Bruce Shields

0820 **Epidemiology of angle-closure glaucoma**

K.F. Damji

0830 **Controversies in management of primary angle-closure glaucoma**

P. Harasymowycz

0840 **Secondary angle-closure glaucomas**

David G. Campbell

0900 **Use of ultrasound biomicroscopy in angle-closure glaucoma**

A.C.S. Crichton

0910 **Discussion**

0930-1030

Break / Pause

Session chair / Présidence :

Marcelo Nicoleta

1030 **Abstract A-43**

Correlation of pseudoexfoliation material and pigment with the severity of pseudoexfoliation glaucoma

Second prize, COS/Coherent-AMT Award for Excellence in Ophthalmic Research / Deuxième prix d'excellence SCO/Coherent-AMT en recherche ophtalmique

L. Shuba, P. Rafuse, M. Nicoleta*

1042 **Abstract A-44**

Extracellular matrix-related gene expression via DNA microarray of anterior lens epithelium from patients with and without pseudoexfoliation syndrome

A. Al-Ani, K.F. Damji, L. Wang, S. Xiao*

- 1054 **Abstract A-45**
Intraocular pressure changes after pupillary dilation in patients with primary open-angle glaucoma: a prospective controlled study
D. Rossman, C. Birt*
- 1106 **Abstract A-46**
Can transscleral cyclophotocoagulation laser G-probes be reused?
M.M. Carrillo, Y.M. Buys, G.E. Trope*
- 1118 **Abstract A-47**
Visual field progression with total and pattern deviation glaucoma change probability analyses
P.H. Artes, B.C. Chauhan*
- 1130 **Abstract A-48**
Effectiveness of 0.03% bimatoprost (Lumigan) in lowering intraocular pressure in patients with glaucoma resistant to multiple medications
A.M. Carlsson, A.C.S. Crichton*
- 1142 **Business meeting**

Scientific Program

Day 4 / Jour 4 Sunday, June 29 / Dimanche 29 juin

AH Canadian Society of Ophthalmic Medical Personnel / Société canadienne du personnel médical en ophtalmologie

0815–1600

Location / Local : Highland 7

6.5 "A" credits from the Joint Commission on Allied Health Personnel in Ophthalmology pending / Possibilité de 6,5 crédits de catégorie « A » de la Commission conjointe du personnel auxiliaire en ophtalmologie

Moderator / Animateur :

Marc Lafontaine

0815 **Complete patient work-up**

S. El-Defrawy

0900 **Indocyanine green videoangiography**

R. Bate

0945 **Low vision and blindness rehabilitation trends I**

D. Wilson

1045 **Ocular manifestations of systemic diseases**

S. Gupta

1130 **Pediatric aphakic contact lens fitting**

E. Hahn

1200–1300

Lunch / Déjeuner

1300 **Electrophysiology**

F. Tremblay

1330 **Low vision and blindness rehabilitation trends II**

D. Wilson

1430 **Pharmacology**

M. Myles

1515 **Pediatric screening**

K. McMain

Scientific Program

Day 4 / Jour 4 Sunday, June 29 / Dimanche 29 juin

COS Scientific Session 8 / Atelier scientifique 8

Current Concepts II / Les notions courantes II

1030–1200

Location / Local : Port Royal E

Moderator / Animatrice :
Isabelle Brunette

1030 **Best Poster Award announcement**

1035 **Abstract A-49**

Current and projected estimates of numbers of Canadians with vision loss

Fourth prize, COS/Coherent-AMT Award for Excellence in Ophthalmic Research / Quatrième prix d'excellence SCO/Coherent-AMT en recherche ophtalmique

R.J. Campbell, R. Buhrmann,
W.G. Hodge*

1045 **Current treatments in multiple sclerosis**

J. Raymond Buncic

1055 **Incidence of long-term results of occlusion amblyopia with full-time patching**

William Scott

1105 **Mitomycin C as an adjunctive therapy: the double-edged sword**

M. Bruce Shields

1115 **Conductive keratoplasty**

William W. Culbertson

1125 **Deep lamellar endothelial keratoplasty**

Mark Terry

1135 **Bimanual phacoemulsification**

R. Braga-Mele

1145 **Discussion**