

# Québec

2010

June 26-29 juin



Canadian Ophthalmological Society  
Société canadienne d'ophtalmologie

## ANNUAL MEETING PROGRAM

## PROGRAMME DU CONGRÈS ANNUEL



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La Société canadienne d'ophtalmologie et les sociétés affiliées remercient sincèrement de leur participation les entreprises suivantes qui ont individuellement versé des subventions de formation non restreintes, apportant ainsi leur appui au congrès annuel.

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ASSOCIATION DES MÉDECINS OPHTALMOLOGISTES  
DU QUÉBEC

## Table of Contents • Table des matières

- 4 Planning Committee  
Comité de planification
- 5 Message from the President  
Le mot du président
- 6 Message from the Meeting Chair  
Le mot du président du congrès
- 8 Guest Speakers  
Conférenciers invités
- 11 COS Award for Excellence  
Prix d'excellence de la SCO
- 12 Lifetime Achievement Award  
Reconnaissance pour l'ensemble d'une carrière
- 14 Program at a Glance  
Aperçu du programme
- 16 Learning Objectives  
Objectifs d'apprentissage
- 17 Continuing Professional Development  
Perfectionnement professionnel continu
- 52 Poster Presentations  
Exposés sur affiche
- 55 Business Meetings  
Scéances de travail
- 56 Social Events  
Activités sociales
- 58 General Information  
Renseignements généraux
- 59 Financial Disclosure  
Divulgation des intérêts financiers
- 60 Index of Participants  
Liste des participants
- 66 Exhibition  
Exposition
- 67 Exhibit Hall  
Salle d'exposition
- 68 Exhibitors' Directory  
Répertoire des exposants

### Saturday June 26 • Samedi 26 juin

- |   |  |
|---|--|
| 19 COS - Session 1 • SCO - Séance 1   | 25 Canadian Neuro-ophthalmology Society<br>Société canadienne de la neuro-ophthalmologie                                 |
| 19 COS - Session 2 • SCO - Séance 2   | 26 Canadian Ophthalmic Pathology Society<br>Société canadienne de la pathologie oculaire                                 |
| 20 Town Hall • Forum  | 27 Canadian Society of Ophthalmic Registered Nurses<br>Société canadienne des infirmières et infirmiers en ophtalmologie |
| 20 COS - Session 3 • SCO - Séance 3   |  |
| 21 COS - Session 4 • SCO - Séance 4   |  |
| 22 Canadian Glaucoma Society<br>Société canadienne du glaucome  |  |
| 24 Canadian Society for International and Public Health Ophthalmology<br>Société canadienne de l'ophtalmologie internationale et de la santé publique |  |

### Sunday June 27 • Dimanche 27 juin

- |   |   |
|---|---|
| 29 COS - Session 6 • SCO - Séance 6   | 36 Canadian Society for International and Public Health Ophthalmology<br>Société canadienne de l'ophtalmologie internationale et de la santé publique |
| 29 COS - Session 7 • SCO - Séance 7   | 37 Canadian Society of Oculoplastic & Reconstructive Surgery<br>Société canadienne de l'oculoplastie et de la chirurgie reconstructive                |
| 30 COS - Session 8 • SCO - Séance 8   | 39 Canadian Society of Ophthalmic Medical Personnel<br>Société canadienne du personnel médical en ophtalmologie                                       |
| 30 COS - Session 9 • SCO - Séance 9   |   |
| 31 Canadian Association of Pediatric Ophthalmologists<br>Association canadienne des ophtalmologues pédiatriques   |   |
| 33 Canadian Uveitis Society<br>Société canadienne de l'uvéite   |   |
| 33 Vision Rehabilitation<br>Réadaptation visuelle   |   |
| 34 Canadian Cornea, External Disease & Refractive Surgery Society<br>Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive |   |

### Monday June 28 • Lundi 28 juin

- |  |  |
|--|--|
| 41 Town Hall • Forum<br>Optometry and Ophthalmology<br>Optométrie et ophtalmologie | 44 Canadian Retina & Vitreous Society<br>Société canadienne de la rétine et du vitré                                     |
| 41 COS - Session 10 • SCO - Séance 10  | 47 Canadian Orthoptic Society<br>Société canadienne d'orthoptique  |
| 42 COS - Session 11 • SCO - Séance 11  | 48 Young Ophthalmologist Program - Residents' workshops<br>Programme des jeunes ophtalmologistes - Atelier des résidents |
| 43 COS - Session 12 • SCO - Séance 12  |  |
| 44 COS - Session 13 • SCO - Séance 13  |  |

### Tuesday June 29 • Mardi 29 juin

- 49 Workshops  
Ateliers

## Planning Committee Comité de planification

Chair, COS Council on Continuing Professional Development  
Président, Conseil du Perfectionnement professionnel continu  
Allan Slomovic, MD FRCSC

### Affiliated societies and special interest groups Sociétés affiliées et Groupes d'intérêt particulier

Canadian Cornea, External Disease & Refractive Surgery Society  
Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive  
Guillermo Rocha, MD

Canadian Glaucoma Society  
Société canadienne du glaucome  
Caroline Lajoie, MD and Yvonne Buys, MD

Canadian Neuro-ophthalmology Society  
Société canadienne de la neuro-ophthalmologie  
Martin ten Hove, MD

Canadian Society of Oculoplastic & Reconstructive Surgery  
Société canadienne de l'oculoplastie et de la chirurgie reconstructrice  
Larry Allen, MD

Canadian Ophthalmic Pathology Society  
Société canadienne de la pathologie oculaire  
Godfrey Heathcote, MB

Canadian Association of Pediatric Ophthalmology  
Association canadienne des ophtalmologistes pédiatriques  
Patrick Hamel, MD

Canadian Retina & Vitreous Society  
Société canadienne de la rétine et du vitré  
David Maberley, MD

Canadian Uveitis Society  
Société canadienne de l'uvéite  
William Hodge, MD

Canadian Society for International and Public Health Ophthalmology  
Société canadienne de l'ophtalmologie internationale et de la santé publique  
Ralf Buhrmann, MD and Simon Holland, MD

Comprehensive Ophthalmology  
Ophtalmologie générale  
Lindsay Ong-Tone, MD

Vision Rehabilitation  
Déficience visuelle : la réadaptation  
Mary Louise Jackson, MD

Surgical Teaching  
Enseignement de la chirurgie  
Iqbal Ike K. Ahmed, MD

### Allied Health Sociétés connexes de la santé

Canadian Society of Ophthalmic Medical Personnel  
Société canadienne du personnel médical en ophtalmologie  
Marc Lafontaine

Canadian Society of Ophthalmic Registered Nurses  
Société canadienne des infirmières et infirmiers en ophtalmologie  
Rosemary Bickerton, RN

Canadian Orthoptic Society  
Société canadienne d'orthoptique  
Cindy York, O.C. (C)

### COS

Inika Anderson,  
Manager, Continuing Professional Development  
Gestionnaire, Développement professionnel continu

Dear Colleague,

It is with great pleasure that I welcome you to the 73rd COS Annual Meeting and Exhibition in Québec City. As the largest gathering of ophthalmologists and allied health professionals in Canada, this meeting has its own synergy, bringing together researchers and clinicians working in all aspects of vision care. This year, the planning committee chaired by Dr. Allan Slomovic, has put together a stellar meeting featuring a large group of internationally renowned guest speakers. Some exciting things to look forward to are:

- a third current concepts series so that we will be able to hear more talks from our guests
- the opportunity to meet our new CEO Jennifer Brunet-Colvey
- the presentation of the COS lifetime achievement award to Dr. Pierre Labelle on Saturday morning
- a special Town Hall meeting on Monday morning to discuss the COS response to recent initiatives by provincial optometry societies interested in increasing their scope of practice
- a new series of wet labs and workshops on Tuesday morning
- a family-friendly, relaxed social evening on Sunday called La Grande Fête, featuring dance music by the Painchaud Family.

As usual, we will have an extensive display of state-of-the-art ophthalmic equipment by more than 30 companies. The COS is particularly grateful to the continuing support of our corporate sponsors, without whom a meeting of this calibre and magnitude would not be possible.

I look forward to welcoming you at the 2010 Annual Meeting. I am certain that you will experience one of the premiere educational and social meetings of the year!

Lorne Bellan, MD, FRCS(C)  
President, COS  
Chair, COS Board of Directors



Cher collègue ou chère collègue,

Il me fait grand plaisir de vous accueillir à notre 73<sup>e</sup> Congrès et exposition annuels dans la ville de Québec. Comme plus important rassemblement d'ophtalmologues et de professionnels associés au Canada, ce congrès possède sa propre synergie et réunit des chercheurs et des cliniciens travaillant dans tous les domaines reliés aux soins de la vue. Cette année, le Comité de planification, présidé par le Dr Allan Slomovic, a mis sur pied un congrès formidable mettant en vedette un groupe important de conférenciers de renommée internationale. Voici certaines des choses que vous ne voudrez pas manquer :

- un troisième élément de la série « Notions courantes », afin de pouvoir assister à un plus grand nombre de conférences de nos invités
- l'occasion de rencontrer notre nouvelle directrice générale, Jennifer Brunet-Colvey
- la présentation au Dr Pierre Labelle, samedi matin, du Prix d'excellence de la SCO pour l'ensemble de ses travaux
- une séance spéciale de discussion ouverte, lundi matin, pour discuter de la réaction de la SCO à l'endroit des récentes initiatives d'associations provinciales d'optométrie, qui désirent augmenter la portée de leur pratique
- une nouvelle série d'aqualabos et d'ateliers mardi matin
- une soirée sociale et « familiale » relaxante, dimanche, appelée La Grande Fête, qui mettra en vedette de la musique de danse par la famille Painchaud.

Comme d'habitude, nous aurons en montre une panoplie complète d'équipement ophtalmique de pointe, présentée par plus de 30 entreprises. La SCO est spécialement reconnaissante de l'appui continu de nos entreprises commanditaires, sans qui un congrès de ce calibre et de cette envergure ne serait pas possible.

J'ai hâte de vous accueillir au Congrès annuel de 2010. Je suis convaincu que vous ferez l'expérience de l'une des meilleures rencontres éducatives et sociales de l'année!

Lorne Bellan, MD FRCS(C)  
Président, SCO  
Président du Conseil d'administration

It gives me great pleasure to welcome you to the 73rd COS Annual Meeting in beautiful Québec City.

I would like to acknowledge the outstanding work done by the Continuing Professional Development (CPD) planning committee, and by our CPD Manager, Inika Anderson, and our Executive Director and CEO , Jennifer Brunet-Colvey, all of whom have worked together to bring you an outstanding scientific program. There will be some significant improvements in this year's meeting based on feedback we have received from our membership:

**Surgical wet labs** on Tuesday, June 29, which will offer individualized "hands on" instruction on important new surgical techniques -

**Cataract Wet Lab:** Management of Astigmatism - directed by Ike Ahmed and Lindsay Ong-Tone

**Cornea Wet Lab:** Deep Anterior Lamellar Keratoplasty - directed by Guillermo Rocha and Rusty Ritenour

**Glaucoma Wet Lab** on New Surgical Technologies - directed by Paul Harasymowycz

**A workshop on Electronic Medical Records**  
directed by Robert Schertzer

**A new and improved Residents' Program** with workshops on Monday, June 28



Je suis extrêmement heureux de vous accueillir au 73<sup>e</sup> Congrès annuel de la SCO, dans la merveilleuse ville de Québec.

P ermettez-moi de souligner le travail exceptionnel réalisé par le Comité de planification du Perfectionnement professionnel continu (PPC), ainsi que notre gestionnaire du PPC, Inika Anderson, et notre directrice générale, Jennifer Brunet-Colvey, qui ont tous travaillé ensemble pour vous présenter un programme scientifique exceptionnel. On remarquera cette année des améliorations marquées au niveau du congrès, en nous basant sur les commentaires reçus de nos membres :

**Des aquabatos chirurgicaux** le mardi 29 juin, qui offriront des cours individualisés pratiques au niveau de nouvelles techniques chirurgicales importantes -

**Aqualabo de la cataracte :** Gestion de l'astigmatisme - présenté par Ike Ahmed et Lindsay Ong-Tone

**Aqualabo de la cornée :** Kératoplastie lamellaire antérieure profonde - présenté par Guillermo Rocha et Rusty Ritenour

**Aqualabo du glaucome** sur de nouvelles technologies chirurgicales - présenté par Paul Harasymowycz

**Un atelier sur les dossiers médicaux électroniques** animé par Robert Schertzer

**Un programme de résidents nouveau et amélioré,** avec ateliers le lundi 28 juin.

**Some of the many highlights of this year's meeting are:**

- Dr. Emmett Cunningham, **Canadian Journal of Ophthalmology Lecture:** “A practical approach to the use of corticosteroids in patients with uveitis”
- Dr. Emily Chew, **E.A. Baker Lecture:** “Update on age-related macular degeneration”
- Dr. Todd Margolis, **Royal College Lecture,** “Ocular surface disease: Please don't call it dry eye”

***Voici quelques-uns des nombreux faits saillants du congrès de cette année :***

- Dr Emmett Cunningham, **conférencier du Journal canadien d'ophtalmologie :** “A practical approach to the use of corticosteroids in patients with uveitis”
- Dr Emily Chew, **conférencier E.A. Baker:** “Update on age-related macular degeneration”
- Dr Todd Margolis, **conférencier du Collège royale,** “Ocular surface disease: Please don't call it dry eye”.

With all the recent innovations in ophthalmology, this is truly an exciting time to be practising. During my term as Chair of CPD, I would like to build on the extensive scope of this meeting to provide each of us with an outstanding learning opportunity. I look forward to seeing you in Québec City.

Allan R. Slomovic MA, MD, FRCS(C)  
Chair, Council on Continuing Professional Development

Grâce à toutes les récentes innovations en matière d'ophtalmologie, nous vivons une époque formidable pour pratiquer. Au cours de mon mandat à la présidence du PPC, j'aimerais profiter de la vaste portée de cette rencontre pour fournir à chacun et chacune d'entre nous une occasion d'apprentissage exceptionnelle. J'espère avoir le plaisir de vous rencontrer à Québec.

Allan R. Slomovic MA, MD, FRCS(C)  
Président, Conseil du Perfectionnement professionnel continu

**Guests of the Canadian Ophthalmological Society**  
Invités de la Société canadienne d'ophtalmologie



**Todd Margolis, MD, PhD**  
Director, F.I. Proctor Foundation;  
Professor and Rose B. Williams Chair  
in Corneal Research, University of  
California, San Francisco USA  
*Current Concepts II/ Notions  
courantes II: Royal College Lecture-  
Ocular surface disease: Please don't  
call it dry eye*  
*Canadian Research Meeting/  
Recherche Canadienne, Cornea-  
Medical/ Cornée-médicale*



**Ralph Chu, MD**  
Founder and Medical Director,  
Chu Vision Institute, Bloomington,  
Minnesota USA  
*Current Concepts II/ Notions  
courantes II: Astigmatism  
management of the cataract patient*  
*Surgical Teaching/ Enseignement  
chirurgical, Cataract Surgery/  
Chirurgie de la cataracte, Refractive  
Cataract Surgery/ Chirurgie réfractive  
de la cataracte*



**Michael E. Snyder, MD**  
Surgical Faculty and Board of  
Directors, Cincinnati Eye Institute,  
Cincinnati, Ohio USA  
*Current Concepts I/ Notions  
courantes I: An update on old and  
new iris prosthesis*  
*Surgical Teaching/ Enseignement  
chirurgical, Cornea-Surgical/ Cornée-  
surgicale, Cataract Surgery/ Chirurgie  
de la cataracte, Refractive Cataract  
Surgery/ Chirurgie réfractive de la  
cataracte*



**Michael Crossland, PhD MCOptom  
FAAO**  
Research Fellow in Visual  
Neuroscience, UCL Institute  
of Ophthalmology; Specialist  
Optometrist, Moorfields Eye  
Hospital, London UK  
*Current Concepts II/ Notions  
courantes II: Micropertimetry in the  
21st century*

**Subspecialty guest speakers**  
Conférenciers invités des surspécialités



**Mark Morrow, MD**  
Clinical Professor, Chairman and  
Residency Program Director,  
Department of Neurology Harbor-  
UCLA Medical Center, Torrance,  
California USA  
*Current Concepts I/ Notions  
courantes I: Optic neuritis and its  
implications re: MS*  
*Canadian Neuro-ophthalmology  
Society/ Société canadienne de la  
neuro-ophtalmologie*



**Jacob Pe'er, MD**  
Chairman, Department of  
Ophthalmology, Hadassah-  
Hebrew University Medical Center,  
Jerusalem, Israel  
*Current Concepts III/ Notions  
courantes III: Current approaches in  
diagnosis and treatment of vitreo-  
retinal lymphoma*  
*Canadian Ophthalmic Pathology  
Society/ Société canadienne de la  
pathologie oculaire*



**William Trattler, MD**  
Director of Cornea, Center for  
Excellence in Eye Care, Miami,  
Florida USA  
*Current Concepts III/ Notions  
courantes III: Collagen cross-linking*  
*Canadian Cornea, External Disease  
& Refractive Surgery Society/ Société  
canadienne de la cornée, des maladies  
externes et de la chirurgie réfractive*  
*Refractive Cataract Surgery/  
Chirurgie réfractive de la cataracte*



**Jesus Merayo, MD, PhD, MBA, DO**  
Senior Scientific Associate Professor,  
IOBA, University of Valladolid,  
Valladolid Spain  
*Current Concepts II/ Notions  
courantes II: Current concepts on  
ocular allergy*  
*Canadian Cornea, External Disease  
& Refractive Surgery Society/ Société  
canadienne de la cornée, des maladies  
externes et de la chirurgie réfractive*

**Subspecialty guest speakers**  
Conférenciers invités des **surspecialités**



**Paul J. Foster** BMedSci(Hons) BM BS  
PhD FRCS(Ed) FRCOphth  
UCL Reader and Honorary  
Consultant Ophthalmologist,  
National Biomedical Research Centre  
for Ophthalmology, Division of  
Epidemiology and Genetics, UCL  
Institute of Ophthalmology and  
Glaucoma Service, Moorfields Eye  
Hospital, London UK

*Current Concepts III/ Notions  
courantes III: Assessment of the  
drainage angle, gonscopy and imaging  
techniques*  
*Canadian Glaucoma Society/ Société  
canadienne du glaucome*  
*Canadian Society for International  
and Public Health Ophthalmology/  
Société candienne de l'ophtalmologie  
internationale et de la santé publique*



**Michael Kazim, MD**  
Clinical Professor of Ophthalmology  
and Surgery, Columbia-Presbyterian  
Medical Center, Edward S. Harkness  
Eye Institute, New York, New York  
USA  
*Canadian Society of Oculoplastic  
& Reconstructive Surgery/ Société  
canadienne de l'oculoplastie et de la  
chirurgie reconstructrice*



**Gregg T. Lueder, MD**  
Professor of Ophthalmology and  
Pediatrics, St. Louis Children's  
Hospital, Washington University  
School of Medicine, St. Louis,  
Missouri USA  
*Current Concepts II/ Notions  
courantes II: What shall I do with this  
child's eye?*  
*Canadian Association of Pediatric  
Ophthalmology/ Association  
canadienne des ophtalmologues  
pédiatriques*



**M. Cristina Leske, MD, MPH, DSc  
(hon)**  
SUNY Distinguished Service  
Professor, Preventive Medicine and  
Ophthalmology, Stony Brook School of  
Medicine, Stony Brook, New York  
USA  
*Canadian Glaucoma Society/ Société  
canadienne du glaucome*



**Emily Y. Chew, MD**  
Deputy Director, Division of  
Epidemiology and Clinical Research,  
National Eye Institute, Bethesda,  
Maryland USA  
*Current Concepts III/ Notions  
courantes III: E.A. Baker lecture:  
Update on age-related macular  
degeneration*  
*Canadian Retina & Vitreous Society/  
Société canadienne de la rétine et du  
vitré*



**Emmett T. Cunningham Jr., MD,  
PhD, MPH**  
Program Chair/ Director, The Uveitis  
Service, California Pacific Medical  
Center; Adjunct Clinical Professor of  
Ophthalmology, Stanford University  
School of Medicine, Palo Alto,  
California USA  
*Current Concepts I/ Notions courantes  
I: A practical approach to the use of  
corticosteroids in patients with uveitis*  
*Canadian Uveitis Society/ Société  
canadienne de l'uvéite*



**Robert P. Murphy, MD**  
The Retina Group of Washington,  
Fairfax, Virginia, USA  
*Current Concepts II/ Notions  
courantes II: Advances in Diagnostic  
Testing - FA, ICG and OCT*  
*Canadian Retina & Vitreous Society/  
Société canadienne de la rétine et du  
vitré*



**Paul Courtright, PhD**  
Co-director, Kilimanjaro Centre for  
Community Ophthalmology, Moshi,  
Tanzania  
*Canadian Society for International  
and Public Health Ophthalmology/  
Société candienne de l'ophtalmologie  
internationale et de la santé publique*

**Special Guests**  
**Invités distingués**



**Thomas J. Liesegang, MD**  
Editor-in-Chief, American Journal  
of Ophthalmology, Professor, Mayo  
Clinic, Jacksonville, Florida USA  
*Canadian Research Meeting*



**Michael W. Brennan, MD**  
Past President of the American  
Academy of Ophthalmology, Vice  
President of the Pan American  
Association of Ophthalmology,  
Burlington, North Carolina USA  
*Town hall: Ophthalmology &  
Optometry*

The Canadian Ophthalmological Society  
congratulates the recipients of the

**2010 COS Award  
for Excellence in  
Ophthalmic Research**

La Société canadienne d'ophtalmologie  
félicite les récipiendaires du

**Prix d'excellence de la  
SCO pour la recherche en  
ophtalmologie 2010**

**First prize / Premier prix**

***Dean T. Jeffery***

University of Alberta

**Vascular risk factors in patients with retinal emboli**

Retina/la rétine

Monday, June 28 • Lundi 28 juin • 1330-1500

**Second prize / Deuxième prix**

***Hannah Chiu***

University of Toronto

**Breaking down barriers in communicating complex**

**Retinoblastoma information: Can pictures be the solution?**

Pediatrics & Strabismus/Pédiatrie & strabisme

Sunday, June 22 • Dimanche 27 juin • 1330-1500

**Third prize / Troisième prix**

***Toby Chan***

University of Western Ontario

**Intrastromal versus topical moxifloxacin**

**in a rabbit model of Pseudomonas aeruginosa keratitis**

Cornea/cornée

Sunday, June 22 • Dimanche 27 juin • 1330-1500

This year we are honouring our colleague Dr. Pierre Labelle. From the outset, we must say that this is not Dr. Labelle's first Canadian Ophthalmological Society (COS) award. In fact, several of us remember that he was the first recipient of the COS Eye Safety Medal.

This tribute to the important accomplishments in Dr. Labelle's career is a unique opportunity to recognize this surgeon clinician esteemed by his patients, this professor appreciated by his residents, this research forerunner, skilled administrator, creative builder, committed human being, gentleman and friend. His peers and residents alike greatly appreciate his ethics and respect for others.

Dr. Labelle is a retinal disease specialist who completed his fellowship at Washington University, St. Louis, Missouri. He was licensed in Ophthalmology at the Université de Montréal faculty of medicine and has since practised at Hôpital Maisonneuve-Rosemont, where he was chair of the Ophthalmology department from 1989 to 1993 and from 1998 to 2007. He chaired the Université de Montréal ophthalmology department from 1992 to 2000 and presided over the *Association des médecins ophtalmologistes du Québec* from 1986 to 1988.

Dr. Labelle's creative ability is apparent in all of his commitments. In 1998 upon his initiative, the Hôpital Maisonneuve-Rosemont Ophthalmology department became the *Centre Michel-Mathieu Institut d'excellence en ophtalmologie*, and the Antoine Turmel Foundation injected several million dollars into macular degeneration research there.

Under his direction, the university department has benefited from his exceptional contribution to creating the *Fondation J.-Louis Lévesque Fonds de recherche en ophtalmologie de l'Université de Montréal (FROUM)*, which today is worth 7 million dollars. The Université de Montréal faculty of medicine development office has already honoured Dr. Labelle for this important achievement. Dr. Labelle has written scientific articles and been involved in several research projects and clinical trials, is a professor and recognized speaker who has participated in numerous scientific events, including one upon the 1993 invitation from the



Nous rendons hommage cette année à notre collègue le Dr<sup>r</sup> Pierre Labelle. D'entrée de jeu, mentionnons que le Dr<sup>r</sup> Labelle n'en est pas à sa première reconnaissance de la part de la Société canadienne d'ophtalmologie. Plusieurs d'entre nous se souviendront en effet qu'il a été le premier récipiendaire de la médaille de la sécurité oculaire de la SCO.

Cet hommage se veut, à travers certaines réalisations importantes de sa carrière, une occasion unique de reconnaître le chirurgien-clinicien tant estimé de ses patients, le professeur apprécié de ses résidents, le promoteur de la recherche, l'administrateur doué, le bâtisseur créatif, l'homme engagé, mais aussi le gentleman et l'ami. Celui dont le sens de l'éthique et le respect des autres furent maintes fois appréciés et reconnus par ses pairs et ses résidents.

Le Dr<sup>r</sup> Labelle est un spécialiste des maladies de la rétine qui a complété son fellowship à l'Université Washington de St.Louis, Missouri, É.U. Il est certifié en ophtalmologie de la Faculté de médecine de l'Université de Montréal et il pratique depuis à l'Hôpital Maisonneuve-Rosemont où il a été le chef médical du département d'ophtalmologie de 1989 à 1993 et de 1998 à 2007. Il a dirigé les destinées du Département d'ophtalmologie de l'Université de Montréal de 1992 à 2000 ainsi que celles de l'Association des médecins ophtalmologistes du Québec de 1986 à 1988.

Le bâtisseur créatif s'est manifesté à chacun de ses engagements. À son initiative, le département d'ophtalmologie de l'Hôpital Maisonneuve-Rosemont devient en 1998 le *Centre Michel-Mathieu, Institut d'excellence en ophtalmologie*, et la Fondation Antoine-Turmel y injecte plusieurs millions de dollars dans la recherche sur la dégénérescence maculaire.

Le département universitaire a aussi profité, sous sa direction, de son exceptionnelle contribution à la création du FROUM de la Fondation J.-Louis Lévesque, Fonds de recherche en ophtalmologie de l'Université de Montréal qui atteint aujourd'hui 7 millions de dollars. Le Bureau de développement de la Faculté de médecine lui a d'ailleurs rendu hommage pour cette importante réalisation. Le Dr<sup>r</sup> Labelle, auteur d'articles scientifiques et impliqué dans plusieurs projets de recherche et essais cliniques, est un professeur et un conférencier reconnu qui a participé à de nombreux événements scientifiques, dont une invitation en 1993 du Second People Hospital de Jinan en Chine, pour y enseigner différentes techniques chirurgicales. Il a tout

Second People's Hospital of Jinan, China to teach various surgical techniques there. He recently contributed to the drafting and publication of the book *Comprendre la dégénérescence maculaire*, a Québec-France collaboration.

Dr. Labelle is an engaged citizen who has invested time and energy to make the wearing of face protectors mandatory for players in organized youth hockey leagues, resulting in the elimination of eye injuries in those leagues. The *Régie de la sécurité dans les sports du Québec* has also honoured him with the *Sécuritas* award for his involvement in the prevention of eye trauma in sports. Safety in sports is very important to Dr. Labelle, which is why he created the sports medicine review *Médecine Sport*, which was published from 1984 until December 2002.

In 2008, Dr. Pierre Labelle received the *Médaille de carrière*, the highest distinction that the Université de Montréal faculty of medicine grants to its professors. In 2009, he won the *Prix reconnaissance du Conseil des médecins, dentistes et pharmaciens-Hôpital Maisonneuve-Rosemont*, which is awarded annually to an active member whose Hôpital Maisonneuve-Rosemont career has been especially noteworthy.

This year it is the COS' turn to honour Dr. Labelle, *Médecin de cœur et d'action*, whose many contributions greatly deserve the tribute and recognition we are demonstrating today.

Hélène Boisjoly, MD, MPH, FRCS(C)  
Professor, ophthalmology department  
Université de Montréal

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#### Saturday June 26/0940/2000 CD during Current Concepts I

2010 Recipient: Pierre Labelle, MD  
Remarks by: Hélène Boisjoly, MD  
Presentation by: Lorne Bellan, MD, President, COS

The **Lifetime Achievement Award** is presented to individuals who have made a sustained impact nationally and internationally on the growth of the profession and who have maintained the highest standard of patient care in their practice. The recipient of this award has also been a strong and positive role model in the community and an exemplary mentor and educator.

récemment contribué à la rédaction et à la publication du livre *Comprendre la dégénérescence maculaire*, une collaboration Québec-France.

Le citoyen engagé qu'est le Dr Labelle a investi temps et énergie pour rendre obligatoire le port du protecteur facial chez les jeunes des ligues de hockey organisées. Résultat : élimination des blessures oculaires dans ces ligues. La Régie de la sécurité dans les sports du Québec l'a d'ailleurs honoré du prix Sécuritas pour son implication dans la prévention des traumatismes oculaires dans la pratique des sports. La sécurité dans les sports lui tenait à cœur, ce qui lui fait créer en 1984 la revue *Médecine Sport* qui sera publiée jusqu'en décembre 2002.

En 2008, Le Dr Pierre Labelle reçoit la *Médaille de carrière*, la plus haute distinction que la Faculté de médecine de l'Université de Montréal peut accorder à ses professeurs. En 2009, il se voit remettre le *Prix reconnaissance du CMDP-HMR*, prix remis annuellement à un membre actif qui s'est particulièrement signalé au cours de sa carrière à l'Hôpital Maisonneuve-Rosemont.

Cette année, c'est au tour de la Société canadienne d'ophtalmologie d'honorer le Dr Labelle, ce *Médecin de cœur et d'action*, dont les multiples contributions lui méritent largement l'hommage et la reconnaissance que nous lui témoignons aujourd'hui.

Hélène Boisjoly, MD, MPH, FRCS(C)  
Professeur, Département d'ophtalmologie  
Université de Montréal

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#### Samedi 26 juin/0940/2000 CD durant Notions courantes I

2010 récipiendaire : Pierre Labelle, MD  
Remarques par : Hélène Boisjoly, MD  
Présentation par : Lorne Bellan, MD, Président le la SCO

**La distinction Reconnaissance pour l'ensemble d'une carrière** est décernée aux personnes qui ont influencé de façon soutenue la croissance de la profession à l'échelle nationale et internationale et maintenu dans leur pratique les normes les plus élevées de soins à leurs patients. Les récipiendaires ont aussi été des modèles solides et indéniables au sein de la collectivité ainsi que des mentors et éducateurs exemplaires.

|  | 2000 CD   | page | 204 AB   | page |
|--|---|------|--|------|
| <b>Saturday, June 26 • Samedi le 26 juin</b>         |   |      |  |      |
| 0700-0800  | <b>Committee meetings • Réunions</b>  |      |  |      |
| 0830-1000  | COS-1 Current Concepts 1 - (CJO Lecture)<br>SCO-1 Notions courantes 1 - (Conf. du JCO)                              | 19   |  |      |
|  | Lifetime Achievement Award • Reconnaissance pour l'ensemble d'une carrière  | 12   |  |      |
|  | Break • Pause   |      |  |      |
| 1045-1215  | COS-2 Surgical Teaching Series<br>SCO-2 Enseignement chirurgical  | 19   | 1015   Glaucoma<br>Glaucomate  | 22   |
|  | Lunch • Déjeuner  |      |  |      |
| 1315-1345  | Town Hall - Certifying Allied Health<br>Forum-Certifier les paramédicaux  | 20   |  |      |
| 1345-1515  | COS-3 Current Concepts II<br>SCO-3 Notions courantes II   | 20   | Glaucoma<br>Glaucomate   | 22   |
|  | Break • Pause   |      |  |      |
| 1600-1730  | COS-4 Can. Research Meeting<br>SCO-4 Recherche Canadienne   | 21   | Glaucoma<br>Glaucomate   | 22   |
| <b>Welcome Reception • Réception d'accueil</b>       |   |      |  |      |
| <b>Sunday, June 27 • Dimanche le 27 juin</b>         |   |      |  |      |
| 0700-0800  | <b>Committee meetings • Réunions</b>  |      |  |      |
| 0830-1000  | COS-6 Clinical Update - Cornea<br>SCO-6 Mise à jour clinique - cornée   | 29   | Pediatrics<br>Pédiatrie  | 31   |
|  | Break • Pause   |      |  |      |
| 1045-1215  | COS-7 Clinical Update - Retina<br>SCO-7 Mise à jour clinique - Rétine   | 29   | Pediatrics<br>Pédiatrie  | 32   |
|  | Lunch • Déjeuner  |      |  |      |
| 1330-1500  | COS-8 Controversies in Glaucoma<br>SCO-8 Controverses sur le glaucome   | 30   | Pediatrics<br>Pédiatrie  | 32   |
|  | Break • Pause   |      |  |      |
| 1545-1715  | COS-9 Clinical Update - Pediatrics<br>SCO-9 Mise à jour - la Pédiatrie  | 30   | Uveitis<br>Uvéite  | 33   |
| <b>COS Social Event • Activité sociale de la SCO</b> |   |      |  |      |
| <b>Monday, June 28 • Lundi le 28 juin</b>            |   |      |  |      |
| 0700-0800  | <b>Committee meetings • Réunions</b>  |      |  |      |
| 0800-0830  | Town Hall - Ophthalmology & Optometry<br>Forum - Ophtalmologie & Optométrie   | 41   |  |      |
| 0830-1000  | COS-10 Current Concepts III<br>SCO-10 Notions courantes III   | 41   | Cognitive errors in medicine<br>Erreurs cognitives en médecine                     | 48   |
|  | Break • Pause   |      |  |      |
| 1045-1215  | COS-11 Cataract Surgery<br>SCO-11 Chirurgie de la cataracte   | 42   | Starting/Joining a medical practice<br>Ouvrir une pratique médicale ou s'y joindre | 48   |
|  | Lunch • Déjeuner  |      |  |      |
| 1330-1500  | COS-12 Refractive Cataract Surgery<br>SCO-12 Chirurgie réfractive de la cataracte                                   | 43   |  |      |
|  | Break • Pause   |      |  |      |
| 1545-1715  | COS-13 Challenging Cataract Cases<br>SCO-13 Les cas défis de la cataracte   | 44   |  |      |
| <b>Tuesday, June 29 • Mardi le 29 juin</b>           |   |      |  |      |
|  |   |      | Villeray   |      |
| 0800-1200  | <b>Workshops</b> will be held at the Hilton Québec Hotel<br><b>Les ateliers</b> auront lieu à l'Hôtel Hilton Québec |      | EMR  | 49   |
| 0800-1110  | TCOS Workshops - Ateliers de LSCO   |      |  | 51   |

|  | 206 AB   | page | 205 BC   | page | 202                   | page |
|--|--|------|--|------|-----------------------|------|
| <b>Saturday, June 26 • Samedi le 26 juin</b>         |  |      |  |      |                       |      |
| 0700-0800  |  |      | <b>Committee meetings • Réunions</b>           |      |                       |      |
| 0830-1000  |  |      | Pathology<br>Pathologie                        | 26   | CSORN<br>SCIIO        | 27   |
| Break • Pause  |  |      |  |      |                       |      |
| 1045-1215  | 1015   International Ophthalmology<br>Ophtalmologie internationale | 24   | Pathology<br>Pathologie                        | 26   | CSORN<br>SCIIO        | 27   |
| Lunch • Déjeuner                                     |  |      |  |      |                       |      |
| 1315-1345  |  |      |  |      |                       |      |
| 1345-1515  | Neuro-Ophthalmology<br>Neuro-ophtalmologie                         | 25   | Pathology<br>Pathologie                        | 26   | CSORN<br>SCIIO        | 27   |
| Break • Pause  |  |      |  |      |                       |      |
| 1600-1730  | Neuro-Ophthalmology<br>Neuro-ophtalmologie                         | 25   | Pathology<br>Pathologie                        | 26   | CSORN<br>SCIIO        | 27   |
| <b>Welcome Reception • Réception d'accueil</b>       |  |      |  |      |                       |      |
| <b>Sunday, June 27 • Dimanche le 27 juin</b>         |  |      |  |      |                       |      |
| 0700-0800  |  |      | <b>Committee Meetings • Réunions</b>           |      |                       |      |
| 0830-1000  | Community Health<br>Santé communautaire                            | 36   | Vision Rehabilitation<br>Réadaptation visuelle | 33   | CSOMP<br>SCPMO        | 39   |
| Break • Pause  |  |      |  |      |                       |      |
| 1045-1215  | Cornea<br>Cornée   | 34   | Oculoplastics<br>Oculoplastie                  | 37   | CSOMP<br>SCPMO        | 39   |
| Lunch • Déjeuner                                     |  |      |  |      |                       |      |
| 1330-1500  | Cornea<br>Cornée   | 34   | Oculoplastics<br>Oculoplastie                  | 37   | CSOMP<br>SCPMO        | 39   |
| Break • Pause  |  |      |  |      |                       |      |
| 1545-1715  | Cornea<br>Cornée   | 35   | Oculoplastics<br>Oculoplastie                  | 38   | CSOMP<br>SCPMO        | 39   |
| <b>COS Social Event • Activité sociale de la SCO</b> |  |      |  |      |                       |      |
| <b>Monday, June 28 • Lundi le 28 juin</b>            |  |      |  |      |                       |      |
| 0700-0800  |  |      | <b>Committee Meetings • Réunions</b>           |      |                       |      |
| 0800-0830  |  |      |  |      |                       |      |
| 0830-1000  |  |      |  |      | TCOS<br>LSCO          | 47   |
| Break • Pause  |  |      |  |      |                       |      |
| 1045-1215  | Retina<br>Rétine   | 44   |  |      | TCOS<br>LSCO          | 47   |
| Lunch • Déjeuner                                     |  |      |  |      |                       |      |
| 1330-1500  | Retina<br>Rétine   | 45   |  |      | TCOS<br>LSCO          | 47   |
| Break • Pause  |  |      |  |      |                       |      |
| 1545-1715  | Retina<br>Rétine   | 46   |  |      | TCOS<br>LSCO          | 47   |
| Dufferin   |  |      |  |      |                       |      |
| Sainte Foy/ Portneuf                                 |  |      |  |      |                       |      |
| Courville/ Montmorency                               |  |      |  |      |                       |      |
| 0800-1200  | Glaucoma<br>Glaucome   | 50   | Cornea<br>Cornée                               | 50   | Cataract<br>Cataracte | 51   |

## Learning Objectives - Objectifs d'apprentissage

**This educational activity** is intended for general and sub-specialist ophthalmologists, basic scientists, residents and fellows in ophthalmology training programs, ophthalmic assistants, nurses, ophthalmic technicians and orthoptists.

### Learning Objectives

By participating in this year's meeting, eye care professionals will:

- integrate into their practice knowledge and skills gained from the sharing of Canadian research and scientific studies
- discuss recent advances in the diagnosis and treatment of eye diseases
- compare and contrast core concepts, new advances, and clinical experiences by networking with colleagues and internationally renowned guest speakers
- appraise new and innovative technology and discuss developments in treatment and medical devices with industry representatives in the Exhibition Hall.

**Cette activité de formation** s'adresse aux ophtalmologistes généralistes et spécialistes, aux scientifiques fondamentaux, aux résidents en chirurgie oculaire et en médecine, au personnel de soutien, infirmier et technique en ophtalmologie, aux technologues et orthoptistes.

### Objectifs d'apprentissage

En participant au congrès de cette année, les professionnels des soins des yeux pourront :

- intégrer à leur pratique des connaissances et des compétences acquises par le partage de recherches et d'études scientifiques canadiennes
- discuter des avances récentes au niveau du diagnostic et du traitement des maladies de l'œil
- comparer et contraster des concepts de base, de nouvelles avances et des expériences cliniques en établissant des réseaux avec des collègues et des conférenciers de renommée internationale
- évaluer des technologies nouvelles et novatrices, et discuter des avances en matière de traitement et de dispositifs médicaux en compagnie de représentants de l'industrie dans le salon d'exposition.

## Continuing Professional Development (CPD) Perfectionnement professionnel continu (PPC)

The 2010 COS Annual Meeting is an accredited group learning activity under Section 1 of the Maintenance of Certification program as defined by the Royal College of Physicians and Surgeons of Canada. Participants may claim 1 credit hour for each hour of attendance, for a maximum of 26 credit hours.

### Evaluation and CPD Credits

Evaluation is a required component of the Royal College of Physicians and Surgeons of Canada's Maintenance of Certification program. You will be asked to complete an evaluation of each session you attended in order to claim your CPD credits.

### New and Improved!

We listened and we have improved the online evaluation and credit system.

### How? It's easy. You can:

- log-in once
- evaluate and claim credits for multiple sessions that you attended at one time
- save your entries and return at a later date
- get an automatic email confirming your entry
- print a copy for your records
- use your Blackberry or laptop (Please note: while the system may work on some iPhones, it has not been optimized)

### Where?

- **Wi-Fi free zones!** Free wireless hotspots can be found in: the Loggia area, on Level 4 and the Main Hall in section 2000.
- **Free Internet Café!** Computer stations are located on level 2 in the Internet Café.

### When?

You must complete this evaluation by **August 1, 2010**. You will be able access the website from home up until midnight EST on July 31, 2010

Your log-in information is used only to track your credits. Evaluation results will only be reported in aggregate; your individual comments will be kept confidential. Please visit:  
<http://credit.loudco.ca/login>

Paper evaluations and credit forms are only available upon request at the Registration Desk.

Les congrès annuels 2010 de la SCO sont une activité agréée de formation de groupe que le Collège royal des médecins et chirurgiens du Canada définit comme étant de catégorie 1 dans le cadre du programme de maintien du certificat. Les participants peuvent demander 1 crédit pour chaque heure de participation jusqu'à un maximum de 26 heures de crédit.

### Évaluation et crédits du PPC

L'évaluation est un élément nécessaire du programme de maintien du certificat du Collège royal des médecins et chirurgiens du Canada. Vous aurez à remplir une évaluation de chaque session à laquelle vous participez de façon à réclamer vos crédits du PPC.

### Nouveau et amélioré!

Nous vous avons écouté et nous avons amélioré le système d'évaluation et de crédit en ligne.

### Comment? C'est facile. Vous pouvez :

- débuter une session une seule fois
- évaluer et réclamer des crédits pour des sessions multiples auxquelles vous avez participé en une seule fois
- sauvegarder vos entrées et y revenir plus tard
- obtenir automatiquement un courriel après chaque entrée
- imprimer un exemplaire pour vos dossiers
- utiliser votre Blackberry ou ordinateur portable (malheureusement, le système n'est pas optimisé pour les iPhones)

### Où?

- **Zones gratuites de Wi-Fi !** On trouvera des zones sans fil gratuites dans : l'aire de la loggia, au niveau 4, et dans la section 2000 du Grand hall.
- **Café internet gratuit!** Des postes d'ordinateurs sont situés au niveau 2, dans le Café Internet.

### Quand?

Vous devez compléter cette évaluation d'ici le **1er août 2010**. Vous pourrez avoir accès au site web depuis votre domicile jusqu'à minuit HNE le 31 juillet 2010.

Vos données de début de session ne servent qu'à effectuer le suivi de vos crédits. Les résultats d'évaluation ne seront rapportés que dans leur ensemble; vos commentaires individuels demeureront confidentiels. Veuillez visiter: <http://credit.loudco.ca/login>

Des évaluations sur papier et des formulaires de crédits ne seront disponibles que sur demande au pupitre d'inscription.

## Résumé

### **COS sessions • Séances de la SCO**

COS-1: Current Concepts I/ Notions courantes

COS-2: Surgical Teaching Series/ Série enseignement chirurgical

COS-3: Current Concepts II/ Notions courantes II

COS-4: Canadian Research Meeting/ Recherche Canadienne

Town Hall Discussion/ Forum: Certifying Allied Health/ Certifier les paramédicaux

### **Subspecialty Societies and Special Interest Groups • Sociétés affiliées et groupes d'intérêts**

Glaucoma/ Glaucome

International Ophthalmology/ Ophtalmologie internationale

Neuro-ophthalmology/ Neuro-ophtalmologie

Pathology/ Pathologie

### **Allied Health • Sociétés connexes de la santé**

CSORN/ SCIIO

### **Social Events • Activités sociale**

Welcome reception/ Réception d'accueil: Le cinq à sept

### **Highlights • Points culminants**

0840 **CJO Lecture - Conférence JCO:**

Dr. Emmett T. Cunningham

0940 Lifetime Achievement Award • Reconnaissance pour l'ensemble d'une carrière

Dr. Pierre Labelle

1000 Poster presentations • Exposés sur affiches

1315 Town Hall • Forum

Certifying Allied Health/ Certifier les paramédicaux

1715 Welcome reception • Réception d'accueil

Le cinq a sept

**COS** - Session 1 • **SCO** - Séance 1

## Current Concepts I Notions courantes I

0830–1000 • 2000 CD

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- describe a practical approach to the use of corticosteroids in patients with uveitis
- identify optic neuritis and discuss its implications
- describe a new surgical technique for correcting iris abnormalities.

À la fin de la session, les participants pourront :

- décrire une façon pratique d'utiliser les corticostéroïdes chez les patients atteints d'uvéite
- identifier la névrite optique et discuter de ses implications
- décrire une nouvelle technique de chirurgie pour corriger les anomalies de l'iris.

### **Guests - Invités**

Emmett T. Cunningham, MD/ Mark Morrow, MD/  
Michael E. Snyder, MD/ Pierre Labelle, MD

### **Moderator - Animateur**

Allan Slomovic

0830      Welcome

0840      **C/O Lecture:** A practical approach to the use of corticosteroids in patients with uveitis

**Emmett T. Cunningham**

0855      Discussion

0900      Optic neuritis and its implications

**Mark Morrow**

0915      Discussion

0920      An update on old and new iris prosthesis

**Michael E. Snyder**

0935      Discussion

**Lifetime Achievement Award**

**Dr. Pierre Labelle**

**COS** - Session 2 • **SCO** - Séance 2

## Surgical Teaching Series Astigmatism Management of the Cataract Patient Série enseignement chirurgical La gestion de l'astigmatisme du patient atteint de la cataracte

1045–1215 • 2000 CD

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss the management of astigmatism using corneal incision-based techniques and lens-based techniques
- understand the specific techniques and application of nomograms for corneal relaxing incisions in treating astigmatism either at the time of surgery or postoperatively
- explain the use of toric intraocular lenses and preop/intraop marking strategies.

À la fin de la session, les participants pourront :

- discuter la gestion de l'astigmatisme avec les techniques d'incision cornéenne et les techniques basées sur l'utilisation des lentilles
- comprendre les techniques et applications spécifiques des nomogrammes pour les incisions de détente de la cornée dans le traitement peropératoire ou postopératoire de l'astigmatisme
- expliquer l'utilisation de lentilles de contact torique et les stratégies de marquage préop et perop.

### **Guests - Invités**

Ralph Chu, MD/ Michael E. Snyder, MD

### **Moderator - Animateur**

Iqbal Ike K. Ahmed

1045      Introduction/review of astigmatic strategies

**Iqbal Ike K. Ahmed**

1055      LRI nomograms and incision techniques

**Ralph Chu**

1110      Discussion

Panel

1115      Toric intraocular lenses: Preop/intraop marking and techniques

**Michael E. Snyder**

1130      Additional toric lens options

**Iqbal Ike K. Ahmed**

1135      Discussion

Panel

1140      Instrumentation

**Iqbal Ike K. Ahmed**

1150      Postop management/Enhancements/Slit lamp LRIs

Panel

1200      Sample case studies/Discussion

Panel

1215      Adjourn

**Town Hall • Forum****Certifying Allied Health  
Certifier les paramédicaux**

1315–1345 • 2000 CD

**Moderator - Animateur**

Sherif El-Defrawy, MD/ William Astle, MD

**Topic****Recruiting, Training and Certifying Allied Health:  
The Scalpel for Change**

This Town Hall session will discuss the results of a national study conducted by COS, CMA, CSOMP and JCAHPO on a needs assessment of ophthalmic allied health.

The survey results from ophthalmologists and ophthalmic medical personnel (OMP) address the need for, recruiting, training, and certifying OMP. Respondents provide insights into the need for academic training programs, observations on increased productivity and revenue measures of certified and non-certified OMP. The session is also an open forum to hear from attendees on these topics.

**Sujet****Recruter, former et certifier des paramédicaux :  
un scalpel pour le changement.**

Cette séance de discussion portera sur les résultats d'une étude nationale réalisée par la SCA, l'AMC, CSOMP et JCAHPO sur le besoin d'une évaluation des services paramédicaux reliés à l'œil.

Les résultats du sondage obtenus des ophtalmologues et du personnel médical en ophtalmologie (OMP) porte sur les besoins de recruter, former et certifier les OMP. Les répondants ont offert des réflexions sur la nécessité de disposer de programmes de formation académiques, ainsi que des observations sur l'écart de la productivité et des revenus entre les OMP certifiés et non certifiés. La session est également un forum ouvert pour entendre l'opinion des participants à ce sujet.

**COS - Session 3 • SCO - Séance 3****Current Concepts II  
Notions courantes II**

1345–1515 • 2000 CD

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- describe the diagnosis and management of ocular surface disease and ocular allergy
- define the pathology of paediatric ocular motility
- discuss methods of retinal microperimetry and the advantages of microperimetry over conventional perimetric techniques
- identify new trends in the diagnosis of retinal diseases, including FA, ICG and OCT.

À la fin de la session, les participants pourront :

- décrire le diagnostic et la gestion de la maladie de la surface oculaire et de l'allergie oculaire
- définir la pathologie de la motilité oculaire pédiatrique
- discuter des méthodes de micropérimétrie rétinienne et des avantages de la micropérimétrie par rapport aux techniques périmetriques conventionnelles.
- identifier les nouvelles tendances du diagnostic des maladies rétiennes, y compris fluo, ICG et OCT.

**Guests - Invités**

Todd Margolis, MD/ Jesus Merayo, MD/  
Gregg T. Lueder, MD/ Michael Crossland, MD/  
Robert P. Murphy, MD

**Moderator - Animateur**

Allan Slomovic

|      |  |
|------|--|
| 1345 | <b>Royal College Lecture:</b> Ocular surface disease: Please don't call it dry eye<br><b>Todd Margolis</b> |
| 1400 | Discussion   |
| 1405 | Current concepts of ocular allergy<br><b>Jesus Merayo</b>  |
| 1415 | Discussion   |
| 1420 | What shall I do with this child's eye?<br><b>Gregg T. Lueder</b>   |
| 1435 | Discussion   |
| 1440 | Microperimetry in the 21st century<br><b>Michael Crossland</b>   |
| 1450 | Discussion   |
| 1455 | Advances in diagnostic testing: FA, ICG, OCT<br><b>Robert P. Murphy</b>                                    |
| 1505 | Discussion   |

**COS** - Session 4 • **SCO** - Séance 4

## Canadian Research Meeting Recherche Canadienne

1600–1730 • 2000 CD

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- identify key strategies in preparing successful manuscripts for publication
- compare and contrast different types of written scientific communications
- describe important elements of clinical research, including critical appraisal of the literature
- articulate the process of moving from a basic research question to developing an effective scientific method
- identify important issues for young physicians pursuing a career in scientific research.

À la fin de la session, les participants pourront :

- identifier des stratégies clés en préparant des textes en vue de leur publication
- comparer et contraster différents types de communications scientifiques écrites
- décrire d'importants éléments de recherche clinique, notamment une appréciation critique de la documentation
- exprimer clairement le processus du passage d'une question de recherche de base au développement d'une méthode scientifique effective
- identifier les enjeux importants pour les jeunes médecins qui poursuivent une carrière en recherche scientifique.

### **Faculty - Faculté**

Todd Margolis, MD/ Thomas J. Liesegang, MD/ Elise Heon, MD/ Sylvain Chemtob, MD

### **Moderator - Animateur**

Phil Hooper/ Martin Steinbach/ Allan R. Slomovic

|      |  |
|------|--|
| 1600 | Why and how to publish<br><b>Tomas J. Liesegang</b>  |
| 1615 | Discussion   |
| 1623 | Critical appraisal of the literature<br><b>Todd Margolis</b>                                 |
| 1638 | Discussion   |
| 1646 | Having an idea is one thing; Getting to answer the question is another!<br><b>Elise Heon</b> |
| 1701 | Discussion   |
| 1708 | Attracting young physicians to pursue a research career<br><b>Sylvain Chemtob</b>            |
| 1723 | Discussion   |

## Canadian Glaucoma Society

### Société canadienne du glaucome

## Glaucoma

### Glaucome

1015–1215 • 204 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss the current and future impact of glaucoma both in Canada and globally
- identify glaucoma risk factors
- incorporate risk factor assessment in the management of clinical glaucoma.

À la fin de la session, les participants pourront :

- discuter de l'impact actuel et éventuel du glaucome au Canada et dans le monde
- identifier les facteurs de risque du glaucome
- intégrer l'évaluation du facteur de risque dans la gestion du glaucome clinique.

#### **Guests - Invités**

Paul Foster, MD/ M. Cristina Leske, MD

#### **Moderator - Animateur**

Caroline Lajoie

|      |   |
|------|---|
| 1015 | Glaucoma epidemiology update 2010 (clinical trials data and risk factors)<br><b>M. Cristina Leske</b> |
| 1035 | Discussion  |
| 1045 | Epidemiology of glaucoma in Canada, fact or fiction<br><b>Delan Jinapriya</b>                         |
| 1100 | Epidemiology of angle closure glaucoma<br><b>Paul Foster</b>  |
| 1120 | Discussion  |
| 1130 | Disease severity at diagnosis of OAG in Canada<br><b>Yvonne Buys</b>                                  |
| 1145 | Incorporating risk factors in clinical decisions<br><b>Marcelo Nicolela</b>                           |
| 1200 | Discussion  |

Annual Business Meeting  
Assemblée Annuelle  
0700-0800 • 204AB

## Glaucoma Free Papers

### Exposés libres sur le glaucome

1345–1515 • 204 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate knowledge gained from the sharing of scientific studies related to glaucoma.

À la fin de la session, les participants pourront :

- intégrer les nouvelles connaissances obtenues de l'échange sur les études scientifiques portant sur le glaucome.

#### **Moderator - Animateur**

Paul Harasymowycz

|      |   |
|------|---|
| 1345 | The Ahmed versus Baerveldt (AVB) study: 1-year follow-up results<br><b>Panos G. Christakis, James C. Tsai, Jeffrey W. Kalenak, Paul J. Harasymowycz, Jeffrey A. Kammer, Louis B. Cantor, David Zurakowski, Iqbal Ike K. Ahmed</b>   |
| 1352 | Discussion  |
| 1355 | A prospective study comparing the effect of corticosteroids versus non-steroidal anti-inflammatories on intraocular pressure and the hypertensive phase following Ahmed glaucoma valve surgery<br><b>Darana Yuen, Yvonne Buys, Ya-Ping Jin, Tariq Alasbali, Michael Smith, Graham Trope</b> |
| 1402 | Discussion  |
| 1405 | A comparison of standard automated perimetry on the Heidelberg edge perimeter and the Humphrey field analyzer<br><b>John G. Flanagan, Yuan-Hao Ho, Deborah Goren</b>  |
| 1412 | Discussion  |
| 1415 | Time and cost-benefit analysis of a collaborative web-based stereoscopic teleglaucoma care model<br><b>Enitan A. Sogbesan, Chris J. Rudinsky, Matthew T. Tennant, Karim F. Damji</b>  |
| 1422 | Discussion  |
| 1425 | Trabectome surgery with and without cataract extraction: Outcomes in exfoliative glaucoma versus primary open angle glaucoma<br><b>Jessica L. Ting, Karim F. Damji, Michael C. Stiles</b>   |
| 1432 | Discussion  |

## Canadian Glaucoma Society Société canadienne du glaucome

### Glaucoma Free Papers (continued) Exposés libres sur le glaucome (suite)

|      |   |
|------|---|
| 1435 | Comparative study evaluating nocturnal ocular blood flow, blood pressure and intraocular pressure in patients with OAG and control<br><b>Nir Shoham, Alon Harris, Ike Ahmed, Miriam Zalish</b>  |
| 1442 | Discussion  |
| 1445 | Complementary and alternative medicine in patients with glaucoma:<br>A cross-sectional study<br><b>Shannon Daniel, Michael Wan, Faazil Kassam, Gaganpal Mutti, Ziad Nasser, Graham Trope, Yvonne Buys, Oscar Kasner</b>   |
| 1452 | Discussion  |
| 1455 | Bayesian estimation of the performance of frequency doubling perimetry, confocal scanning laser ophthalmoscopy and GDx variable corneal compensation scanning laser polarimetry for glaucoma screening in the absence of a gold standard for glaucoma diagnosis<br><b>Gisele Li, Cynthia Eid, Olivier Fontaine, Lawrence Joseph, Alvine K. Fansi, Ellen Freeman, Paul J. Harasymowycz</b> |
| 1502 | Discussion  |
| 1505 | <b>2010 Stephen Drance Award of Excellence in Glaucoma Research</b>   |

### From blood flow to surgery Du flux sanguin à la chirurgie

1600–1730 • 204 AB

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- identify vascular factors in glaucoma management
- discuss recent developments in the management of angle-closure glaucoma
- describe new developments in glaucoma surgical therapies

À la fin de la session, les participants pourront :

- identifier les facteurs vasculaires de la gestion du glaucome
- discuter des développements récents de la gestion du glaucome à angle ouvert
- décrire les nouveaux développements de la chirurgie thérapeutique du glaucome.

#### Guests - Invités

Paul Foster, MD / M. Cristina Leske, MD

#### Moderator - Animateur

Yvonne Buys

|      |   |
|------|---|
| 1600 | Vascular factors in glaucoma: New challenges (new evidence on vascular factors, perfusion pressure, blood pressure, disc hemorrhages)<br><b>M. Cristina Leske</b> |
| 1620 | Ocular blood flow in clinical practice: The World Glaucoma Association Consensus Report<br><b>Mark R. Lesk</b>  |
| 1635 | Discussion  |
| 1640 | Management of angle-closure glaucoma<br><b>Paul Foster</b>  |
| 1700 | Canadian Glaucoma Study update<br><b>Fred Mikelberg</b>   |
| 1715 | New trends in glaucoma surgery<br><b>Iqbal Ike K. Ahmed</b>   |
| 1730 | Discussion  |

**Canadian Society for International and Public Health Ophthalmology**  
**Société canadienne de l'ophtalmologie internationale et de la santé publique****Progress and Promise in Eliminating Avoidable Blindness****Progrès et promesses au niveau de l'élimination de la cécité évitable**

1015–1215 • 206 AB

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss potential strategies and challenges to preventing blindness from angle closure glaucoma in the developing world
- outline innovative new initiatives and key success factors in eliminating cataract blindness
- identify key training needs for eliminating avoidable blindness in Africa.

À la fin de la session, les participants pourront :

- discuter des stratégies et des défis potentiels pour prévenir la cécité provenant du glaucome dans le monde développé
- élaborer des initiatives nouvelles et innovatrices et des facteurs de succès clés pour éliminer la cécité due aux cataractes
- identifier des besoins clés, en formation, pour éliminer la cécité évitable en Afrique.

**Guests - Invités**

Paul Courtright, PhD/ Paul Foster, MD

**Moderator - Animateur**

Ralf Buhrmann

1015 Preventing blindness from angle closure glaucoma in the developing world

**Paul Foster**

1030 Discussion

1035 Do good cataract surgeons always need to be physicians?

**Paul Courtright**

1045 Prevalence and severity of diabetic retinopathy in northwest Cameroon assessed by teleophthalmology

**Imran Jivraj, Mancho Ng, Beri Dilma, Emmanuel Tambe, Nawaaz Nathoo,**

**Chris J. Rudnitski, Matthew T. Tennant**

1055 Prevalence of visual impairment and blindness and survey barriers to eye care in a south Indian population

**Zhuo Su, Bing Q Wang, Yvonne Buys**

1105 Discussion

1115 Progress and promise in eliminating cataract blindness: What works and what doesn't

**Paul Courtright**

1130 The global initiative for the elimination of cataract: A fresh approach

**Brian Leonard**

1142 Training needs for eliminating avoidable blindness in Africa

**Paul Courtright**

1148 Panel discussion

## Canadian Neuro-ophthalmology Society

### Société canadienne de la neuro-ophtalmologie

## Neuro-ophthalmology

### Neuro-ophtalmologie

1345–1515 • 206 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- identify clinical features of ocular motility disorders and recognize their management implications
- discuss the recent application of Optic Coherence Tomography in neuro-ophthalmic disorders
- describe new developments in the treatment and management of neuro-ophthalmic disorders.

À la fin de la session, les participants pourront :

- identifier les aspects cliniques des troubles de motilité oculaire, et reconnaître leurs implications au niveau de la gestion
- discuter de l'application récente de la tomographie de la cohérence optique dans les troubles neuro-ophtalmiques
- décrire les nouveaux développements dans le traitement et la gestion des troubles neuro-ophtalmiques.

#### **Guest - Invité**

Mark Morrow, MD

#### **Moderator - Animateur**

Martin ten Hove

|      |  |
|------|--|
| 1345 | OCT in Neuro-ophthalmology – Emerging ideas<br><b>Mark Morrow</b>  |
| 1405 | Exercise-induced neuro-ophthalmic problems<br><b>Edsel Ing</b>   |
| 1415 | Idiopathic intracranial hypertension: A Canadian tertiary care centre's experience<br><b>Mary-Magdalene U. Dodd, Vivek Patel, Carlos Torres, David Zackon, Miguel Bussière</b>   |
| 1425 | Isolated angiitis of the vasa vasorum in suspected cases of giant cell arteritis may still herald an underlying systemic vasculitis or connective tissue disorder<br><b>Adnan Pirbhail, Stephen Zborovski, Gina Rohekar, Robert Hammond, Larry Allen</b> |
| 1435 | Intravitreal bevacizumab for treatment of non-arteritic anterior ischemic optic neuropathy<br><b>Dan B. Rootman, Harmeet Gill, Edward Margolin</b>   |
| 1445 | Low vision devices for neuro-ophthalmic disorders<br><b>Martin ten Hove</b>  |
| 1455 | Atypical GCA: And now for something completely different<br><b>Tenley Bower, Mark Gans</b>   |
| 1505 | Questions and discussion   |

1600–1730 • 206 AB

|      |  |
|------|--|
| 1600 | Dizziness and disequilibrium:<br>A few ophthalmic pearls<br><b>Mark Morrow</b>                                 |
| 1615 | How many steps does the 3-step test have?<br><b>Agnes Wong</b>   |
| 1625 | "I'm unsteady and my head feels heavy"<br><b>Vivek Patel</b>   |
| 1635 | Bilateral ophthalmoplegia:<br>A challenging case<br><b>Aditya Mishra</b>                                       |
| 1645 | A fresh look at the Cogan Lid Twitch test<br><b>Noelle S. Matta, Eric L. Singman, David I. Silbert</b>         |
| 1655 | Monovision correction for small angle binocular diplopia<br><b>Andrea K. Leung, Matthew Bujak, Ed Margolin</b> |
| 1705 | Abducens nerve paresis:<br>The Ottawa experience<br><b>Vivek Patel</b>   |
| 1715 | Questions and discussion   |

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

**Case Presentations**  
**Présentations de cas**

0830–1715 • 205 BC

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***Objectives - Objectifs***

At the end of this session, participants will be able to:

- describe the histopathological diagnosis of ocular and adnexal diseases
- discuss pathogenetic concepts, clinical manifestations, laboratory diagnosis, and management of such diseases.

À la fin de la session, les participants pourront :

- comprendre le diagnostic histopathologique des maladies oculaires et annexielles
- traiter des notions pathogéniques, des manifestations cliniques, du diagnostic en laboratoire et du traitement de ces maladies.

***Guest - Invité***

Jacob Pe'er, MD

***Moderator - Animateur***

Seymour Brownstein

## Canadian Society of Ophthalmic Registered Nurses Société canadienne des infirmières et infirmiers en ophtalmologie

0800–1600 • 202

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate new ophthalmology knowledge into their current practice in both the clinic and surgical settings. The ophthalmic nurses will have the opportunity to network with colleagues and share best practices to better patient outcomes.

À la fin de la session, les participants pourront :

- intégrer dans leur pratique les nouvelles connaissances acquise en ophtalmologie tant en clinique qu'au bloc opératoire. Les infirmières auront l'opportunité de réseauter avec leurs collègues et partager les meilleures pratiques au plus grand bénéfice des patients.

### **Guest - Invité**

Timothy Andradé

### **Moderators - Animateurs**

Rosemary Bickerton, Pascale Rinfret

|      |   |
|------|---|
| 0800 | Welcome remarks<br><b>Rosemary Bickerton, CSORN President</b>   |
| 0815 | Pay now or pay later: Ergonomics in a high volume cataract surgery centre<br><b>Kathy Bruce</b>                               |
| 0845 | Evolution of cataract surgery<br><b>Nathalie Giguère</b>  |
| 0915 | WHO surgical safety checklist<br><b>Marcela Tutay, Janet Powers</b>   |
| 0945 | Coffee break  |
| 1015 | What to expect when you are expecting: The ophthalmology version<br><b>Setareh Ziai, MD, Danah Albreiki, MD</b>               |
| 1045 | Annual Business Meeting: Election of new executive members (2010-2013)  |
| 1200 | Lunch break in the Exhibition hall/ networking  |
| 1315 | Kaleidoscope of care: a patient's journey<br><b>Lorraine Osborne</b>  |
| 1400 | Ocular tumors clinic<br><b>Sylvie Marcoux, Suzanne Boulianne</b>  |
| 1430 | Stretch break   |
| 1450 | Communicating and connecting in high stress environments:<br>The BIG picture and some nitty-gritty!<br><b>Timothy Andradé</b> |
| 1550 | Closing remarks<br><b>Rosemary Bickerton</b>  |

## Résumé

### **COS sessions • Séances de la SCO**

COS-6: Clinical Update - Cornea/ Mise à jour - cornée

COS-7: Clinical Update - Retina/ Mise à jour – rétine

COS-8: Controversies in Glaucoma/ Controverses sur le glaucome

COS-9: Clinical Update - Pediatrics/ Mise à jour - pédiatrie

### **Subspecialty Societies and Special Interest Groups • Sociétés affiliées et groupes d'intérêts**

Retina/ Rétine

Residents' workshops/ Ateliers des résidents

### **Allied Health • Sociétés connexes de la santé**

CSOMP/ SCPMO

### **Social Events • Activités sociale**

Fun Run/ Course amusante

### **Highlights • Points culminants**



0630 Fun Run/ Course amusante

0700 COS Annual Business Meeting • Réunion d'affaires de la SCO

0800 Town Hall • Forum  
Ophthalmology & Optometry/ Ophtalmologie & Optométrie

0835 E.A. Baker lecture • Conférence E.A. Baker  
Dr. Emily Y. Chew

1000 Poster presentations • Exposés sur affiches

**COS** - Session 6 • **SCO** - Séance 6

**COS** - Session 7 • **SCO** - Séance 7

## Clinical Update: Cornea Mise à jour clinique : cornée

0830–1000 • 2000 CD

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate knowledge from new surgical techniques in keratoconus
- demonstrate enhanced ability to manage challenging keratoconus cases
- compare different approaches to the management of keratoconus.

À la fin de la session, les participants pourront :

- intégrer des connaissances relatives aux nouvelles techniques chirurgicales au niveau du kératocône
- mieux gérer les défis que posent les cas de kératocône
- comparer différentes approches en matière de gestion du kératocône.

### **Guests - Invités**

Jesus Merayo, MD/ William Trattler, MD

### **Moderators - Animateurs**

Guillermo Rocha

08:30 Introduction and presentation of keratoconus management algorithm  
**Guillermo Rocha**

*Why does a patient develop Keratoconus?*

08:35 Biological markers in keratoconus  
**Jesus Merayo**

08:50 Risk factors for ectasia  
**William Trattler**

09:00 Discussion

*Diagnostic and management considerations*

09:05 What does posterior corneal elevation really mean?  
**Jesus Merayo**

09:15 Current approach to the keratoconus patient  
**William Trattler**

09:25 Discussion

*Can we stop progression in Keratoconus?*

09:30 Collagen cross-linking with riboflavin and UV-A in corneal ectasia  
**Marie Eve Légaré, Alfonso Iovieno, Allan R. Slomovic, David S. Rootman**

09:37 Intracorneal ring segments followed by collagen cross-linking and PRK for treatment of keratoconus  
**Alfonso Iovieno, Marie Eve Légaré, David S. Rootman**

09:44 Case presentations

09:51 Discussion

## Clinical Update: Retina Mise à jour clinique : rétine

1045–1215 • 2000 CD

### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- describe major retinal advances and changes in practice over the past year
- integrate new clinical trial information into ophthalmic practice
- identify persistent gaps in knowledge in the management of retinal disease.

À la fin de la session, les participants pourront :

- décrire les progrès majeurs en matière de rétine, et les changements survenus l'an dernier au niveau des pratiques
- intégrer à leur pratique de nouvelles informations sur les essais cliniques
- identifier les lacunes persistantes dans la gestion des maladies de la rétine.

### **Moderator - Animateur**

David Maberley

1045 BRVO  
**David Wong**

1053 Discussion

1056 CRVO  
**Brian Leonard**

1104 Discussion

1107 Wet AMD  
**Tom Sheidow**

1115 Dry AMD  
**David Chow**

1123 Discussion

1126 Posterior uveitis  
**Phil Hooper**

1134 Discussion

1137 DME  
**Eric Tourville**

1140 Discussion

1143 Tumours  
**Hugh McGowan**

1151 Discussion

1154 Macular surgery  
**John C. Chen**

1202 Discussion

**COS** - Session 8 • **SCO** - Séance 8

## Controversies in Glaucoma

### Controverses sur le glaucome

1330–1500 • 2000 CD

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss the pros and cons of patient education in glaucoma management
- list the benefits and risks of cataract surgery for angle closure glaucoma
- understand the role of blood pressure in day-to-day management of glaucoma
- identify issues in the co-management of glaucoma between ophthalmologists and optometrists.

À la fin de la session, les participants pourront :

- discuter du pour et du contre de la formation du patient dans la gestion du glaucome
- dresser la liste des bienfaits et des risques de la chirurgie de la cataracte pour le glaucome à angle fermé
- comprendre le rôle de la pression sanguine dans la gestion quotidienne du glaucome
- identifier les problèmes de cogestion du glaucome entre l'ophtalmologue et l'optométriste.

#### **Moderator - Animateur**

Marcelo Nicolela

1330 Patient education sessions add value to glaucoma management

**PRO** – Marie-Josée Fredette  
**CON** – Pierre Blondeau

1348 Discussion

1352 Pupil block angle-closure glaucoma should be managed by cataract surgery alone

**PRO** – Darren Behn  
**CON** – Baseer Khan

1410 Discussion

1415 dBP, who cares?  
**PRO** – David Yan  
**CON** – Paul Rafuse

1433 Discussion

1437 It's time for glaucoma co-management between ophthalmologists and optometrists  
**PRO** – Raymond Leblanc  
**CON** – Bryce A. Ford

1455 Discussion

**COS** - Session 9 • **SCO** - Séance 9

## Clinical Update: Pediatrics

### Mise à jour clinique : pédiatrie

1545–1715 • 2000 CD

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate the Canadian guidelines for the diagnosis, treatment, and genetic and psycho-social counselling for children and their families coping with retinoblastoma into their practice
- describe in detail the treatment of nasolacrimal obstruction, including how and when to start treatment
- more effectively assess a child's diagnosis through improvements in history-taking.

À la fin de la session, les participants pourront :

- intégrer les lignes directrices canadiennes pour le diagnostic, le traitement et le counselling génétique et psycho-social pour les enfants et leurs familles de leur pratique qui font face au rétinoblastome
- décrire en détail le traitement de l'obstruction nasolacrimale, y compris quand et comment débuter le traitement
- évaluer plus efficacement le diagnostic d'un enfant en améliorant la prise de notes sur son histoire.

#### **Guests - Invités**

Gregg T. Lueder, MD/ Brenda Gallie, MD

#### **Moderator - Animateur**

Patrick Hamel

1545 Listen to the mother: The importance of the history in pediatric ophthalmology  
**Gregg T. Lueder**

1605 Discussion

1615 Canadian Retinoblastoma Guidelines  
**Brenda Gallie**

1635 Discussion

1645 Customizing your approach to nasolacrimal obstruction  
**Gregg T. Lueder**

1705 Discussion

**Canadian Association of Pediatric Ophthalmologists**  
**Association canadienne des ophtalmologistes pédiatriques****Vision screening in children**  
**Examen de la vue chez l'enfant**

0830–1000 • 204 AB

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- assess which children should undergo vision screen and how it should be done
- integrate knowledge gained from the sharing of scientific studies and describe new findings in various research topics related to pediatrics including myokymia and esotropia.

À la fin de la session, les participants pourront :

- évaluer les enfants qui devraient subir un examen de dépistage et la façon de le faire
- intégrer les connaissances acquises par le partage d'études scientifiques, et décrire les nouvelles constatations dans plusieurs domaines de recherche reliés à la pédiatrie, notamment la myokymie et le strabisme convergeant.

**Guest - Invité****Gregg T. Lueder, MD****Moderator - Animateur****Patrick Hamel**

|      |  |
|------|--|
| 0830 | Welcome<br><b>Patrick Hamel</b>  |
| 0835 | Vision screening in the era of health care reform<br><b>Gregg T. Lueder</b>  |
| 0855 | Discussion   |
| 0903 | Can a photoscreener help us remotely evaluate and manage amblyopia?<br><b>Noelle S. Matta, Robert Arnold, Eric L. Singman, David I. Silbert</b>  |
| 0910 | Discussion   |
| 0916 | The feasibility of using a compact digital camera for the detection of red-reflex abnormalities in children<br><b>Alefia S. Merchant, Brenda Gallie, Helen Dimaras, Robert Downie, Vasudha Naresh, Jyoti Matalia, Ravindra Battu, Nasrin Najm-Tehrani, Kaushik Hegde, Mathew Kurian, Pradeep Banandur, Ashwin Mallipatna</b> |
| 0923 | Discussion   |
| 0929 | Superior oblique myokymia: Diagnosis and management<br><b>Michael Flanders, Tariq S. Alshehri, Francois Evoy</b>   |
| 0936 | Discussion   |
| 0942 | Post-operative functional outcome in relation to age of onset and duration of misalignment in partially accommodative and non-accommodative esotropia<br><b>Toby Chan, Jacqueline R. Piggott, Inas Makar</b>   |
| 0949 | Discussion   |

## Canadian Association of Pediatric Ophthalmologists

### Association canadienne des ophtalmologistes pédiatriques

#### Free Papers

#### Exposés libres

1045–1215 • 204 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate knowledge gained from the sharing of scientific studies and describe new findings in various research topics related to pediatrics, including orbital cellulitis and strabismus.

À la fin de la session, les participants pourront :

- intégrer les connaissances acquises par le partage d'études scientifiques, et décrire les nouvelles constatations dans plusieurs domaines de recherche reliés à la pédiatrie, notamment la cellulite orbitaire et le strabisme.

#### **Moderator - Animateur**

Patrick Hamel

|      |   |
|------|---|
| 1045 | Automated measurement of small angle strabismus in the pediatric population<br><b>Jacky Yeung, Christina Leung, Brian Arthur</b>  |
| 1052 | Discussion  |
| 1058 | Ocular and systemic associations of against-the-rule astigmatism in children presenting to a tertiary referral hospital<br><b>Peter Kim, Salma KC Rai, Maryam Aroichane, Jane A. Gardiner, Christopher J. Lyons</b> |
| 1105 | Discussion  |
| 1111 | When the ear turns the eye – Ophthalmic complications of pediatric otitis media<br><b>Peter Kim, Travis J. Pollock, Michael Sargeant, Maryam Aroichane, Christopher J. Lyons, Jane A. Gardiner</b>                  |
| 1118 | Discussion  |
| 1124 | Re-evaluating the staging of orbital cellulitis utilizing computerized tomography<br><b>Tran D. Le, Susan Blaser, Feisal A. Adatia, Susan Richardson, Raymond J. Buncic, Eugene S. Liu</b>                          |
| 1133 | Discussion  |
| 1139 | The shift in microbiology of pediatric periorbital cellulitis in the Haemophilus influenzae vaccine era<br><b>Tran D. Le, Feisal A. Adatia, Susan Richardson, Susan Blaser, Raymond J. Buncic, Eugene S. Liu</b>    |
| 1145 | Discussion  |
| 1145 | Canadian Association of Pediatric Ophthalmology: Business Meeting   |
| 1245 | Adjourn   |

#### Treatment of periocular hemangiomas

#### Traitements de l'hémangiome périoculaire

1330–1500 • 204 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- compare and contrast different treatment modalities for periocular hemangiomas
- integrate knowledge gained from the sharing of scientific studies and describe new findings in various research topics related to pediatrics, including retinoblastoma and retinopathy of prematurity.

À la fin de la session, les participants pourront :

- comparer et mettre en contraste différentes modalités de traitement pour l'hémangiome périoculaire
- intégrer les connaissances acquises par le partage d'études scientifiques, et décrire les nouvelles constatations dans plusieurs domaines de recherche reliés à la pédiatrie, notamment le rétinoblastome et la fibroplasie rétrocristallinienne.

#### **Guest - Invité**

Gregg T. Lueder, MD

#### **Moderator - Animateur**

Patrick Hamel

|      |   |
|------|---|
| 1330 | Update on the management of periocular hemangiomas<br><b>Gregg T. Lueder</b>  |
| 1350 | Discussion  |
| 1400 | Long-term outcomes in Retinopathy of Prematurity in southwestern Ontario<br><b>Adnan Pirbhail, Sapna Sharai, Yiannis Iordanous, Cynthia Kenyon, Robert Orton, Lee Siebert, Tom Sheidow</b>  |
| 1407 | Discussion  |
| 1413 | Breaking down barriers in communicating complex retinoblastoma information: Can pictures be the solution?<br><b>Hannah Chiu, Helen Dimaras, Robert Downie, Brenda Gallie</b>  |
| 1420 | Discussion  |
| 1426 | Computer-assisted image analysis of retinal vessel caliber and tortuosity in Retinopathy of Prematurity disease for the assessment of severity and treatment outcome<br><b>Crystal Sin Yi Cheung, Ziad Butt, Nasrin Najm-Tehrani, Wai-Ching Lam</b> |
| 1433 | Discussion  |
| 1439 | The effect of neutral density filters during visual field and acuity testing in patients with strabismic amblyopia<br><b>Syed Y. Habeeb, Brian Arthur, Martin ten Hove</b>  |
| 1446 | Discussion  |
| 1452 | Award presentation: Best presentation and best poster   |

## Canadian Uveitis Society Société canadienne de l'uvéite

### Uveitis in Children and Young Adults

#### L'uvéite chez les enfants et les jeunes adultes

1545–1715 • 204 AB

##### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss the many manifestations of uveitis in young patients in terms of ocular presentations
- understand the management of uveitis in young patients in its different eye manifestations
- describe new and emerging ideas regarding immunosuppression in uveitis in young patients

À la fin de la session, les participants pourront :

- discuter des nombreuses manifestations de l'uvéite chez les jeunes patients en termes de présentations oculaires
- comprendre la gestion de l'uvéite chez les jeunes patients selon ses diverses manifestations oculaires
- décrire les idées nouvelles et émergeantes concernant le traitement de l'uvéite par l'immunosuppression chez les jeunes patients.

##### **Guest - Invité**

Emmett T. Cunningham, MD

##### **Moderators - Animateurs**

William Hodge, Bernard Hurley

|      |  |
|------|--|
| 1545 | JIA uveitis: Clinical presentations and what not to miss<br><b>William Hodge</b> |
| 1554 | Pars planitis: Presentation and differential diagnosis<br><b>Phil Hooper</b>     |
| 1603 | HLA B27 uveitis in children and young adults<br><b>Mare-Josée Aubin</b>          |
| 1612 | Medical care of childhood uveitis<br><b>Ted Rabinovitch</b>                      |
| 1621 | Surgical issues in childhood uveitis<br><b>Bernard Hurley</b>                    |
| 1630 | Immunosuppression in children and young adults<br><b>Emmett T. Cunningham</b>    |
| 1652 | Questions and discussion   |

## Vision Rehabilitation Réadaptation visuelle

0830–1030 • 205 BC

##### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- compare and contrast current techniques to evaluate remaining visual function
- describe the role of vision rehabilitation in the management of patients with irreversible eye disease
- discuss the cost of vision loss in Canada.

À la fin de la session, les participants pourront :

- comparer et mettre en contraste les techniques courantes d'évaluation de la fonction visuelle
- décrire le rôle de la réadaptation visuelle dans la gestion des patients atteints d'une maladie visuelle irréversible
- discuter du coût de la perte de vision au Canada.

##### **Guests - Invités**

Michael Crossland, PhD/ John M. Rafferty/ Lorne Bellan, MD/  
Alan Cruess, MD

##### **Moderator - Animateur**

Mary Lou Jackson

|      |  |
|------|--|
| 0830 | Introduction<br><b>Mary Lou Jackson</b>  |
| 0832 | Evaluation of the adult low vision patient<br><b>Sam Broome</b>  |
| 0839 | The preferred retinal locus in macular diseases<br><b>Michael Crossland</b>  |
| 0855 | Residual stereopsis in low vision patients with age-related macular degeneration and its impact on vision-related abilities<br><b>Kathy Y. Cao</b>                         |
| 0905 | The importance of fixation stability in retinal disease<br><b>Michael Crossland</b>  |
| 0920 | Discussion   |
| 0930 | The cost of vision loss in Canada: Implications for vision rehabilitation<br><b>Alan Cruess</b>  |
| 0945 | Vision rehabilitation and the report entitled <i>Environmental Scan of Vision Health and Vision Loss in the Provinces and Territories of Canada</i><br><b>Lorne Bellan</b> |
| 1000 | Panel discussion   |

## Canadian Cornea, External Disease & Refractive Surgery Society

### Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive

#### Cornea: Refractive Cornée : Réfractive

1045–1215 • 206 AB

**Objectives - Objectifs**

- At the end of this session, participants will be able to:
- identify new developments in corneal wound healing
  - demonstrate enhanced ability to manage challenging refractive surgery cases
  - compare and contrast different approaches to the management of presbyopia.

À la fin de la session, les participants pourront :

- identifier de nouveaux développements au niveau de la guérison des blessures à la cornée
- mieux gérer des cas de chirurgie réfractive difficiles
- comparer et mettre en parallèle différentes approches de gestion de la myopie.

**Guests - Invités**

Jesus Merayo, MD / William Trattler, MD

**Moderators - Animateurs**

Johanna Choremis, Mona Harissi-Dagher

1045 Welcome Moderators

***W. Bruce Jackson Lecture:***New developments in corneal wound healing  
**Jesus Merayo**

1103 Discussion and presentation of award

1113 Intrastromal refractive surgery for the correction of presbyopia  
**Luis A. Ruiz**11:20 Outcome of an AcrySof/E Phakic IOL in a multi-centre Canadian clinical investigation  
**Simon Holland, Thaddeus Demong, Mihai Pop, Theodore Rabinovitch, Francis Roy**1127 Symmetric vs. asymmetric INTACS implantation for the correction of keratoconus  
**Mustafa Kapasi, Guillermo Rocha**

1134 Discussion

1145 Evaluation of patients undergoing presbyopic IOLs  
**William Trattler**

1200 Discussion

1205 Topographically-guided photorefractive keratectomy (TG-PRK) for keratoconus with neutralization (TNT) and simultaneous collagen cross-linking (CXL)  
**Simon Holland, David Lin**

1212 Discussion

1214 Closing remarks

1215 Canadian Cornea, External Disease &amp; Refractive Surgery Society Business Meeting

#### Cornea: Medical Cornée : médicale

1330–1500 • 206 AB

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- discuss current approaches to the management of microbial keratitis
- demonstrate enhanced ability to manage challenging medical corneal cases.

À la fin de la session, les participants pourront :

- discuter des approches actuelles en gestion de la kératite microbienne
- mieux gérer des cas de problèmes cornéens difficiles.

**Guests - Invités**

Thomas J. Liesegang, MD / Todd Margolis, MD

**Moderators - Animateurs**

Patricia Ann Laughrea, Kashif Baig

1330 Welcome

**Patricia Ann Laughrea, Kashif Baig**1332 Ron Jans Cornea Research Award:  
Intrastromal versus topical moxifloxacin in a rabbit model of *Pseudomonas aeruginosa* keratitis**Toby Chan, James I. Stuart, Larry Allen, Rookaya Mather**

1339 Discussion

**Award presentation by Dr W. Bruce Jackson**1341 Epidemics of microbial keratitis related to contact lenses: Lessons learned  
**Thomas J. Liesegang**1353 New concepts in ocular zoster  
**Todd Margolis**

1405 Panel discussion

**Case Reports**  
(5 min presentation, 2 min discussion)1414 Multiple endocrine neoplasia type 2B with medullary thyroid carcinoma, prominent corneal nerves and glaucoma in a Caucasian woman and her family: The ophthalmologist's role in saving lives  
**Tariq S. Alshehri, Devinder P. Cheema, Hashem S. Almarzouki**

## Canadian Cornea, External Disease & Refractive Surgery Society

### Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive

#### Cornea: Medical (continued)

#### Cornée : médicale (suite)

- 1421 Corneal myxoma: Histopathological, immunohistochemical, and ultrastructural features of eight cases  
**Michel J. Belliveau, Walter Liao, Seymour Brownstein, Joshua S. Manusow \*, George Mintsoulis, David R. Jordan, Steven M. Gilberg (\* is the presenting author)**
- 1428 A rare case of childhood ocular mucous membrane pemphigoid  
**Andréane Lavallée, Patricia-Ann Laughrea**
- 1435 Management of persistent epithelial defect using autologous serum following penetrating keratoplasty for an aggressive fungal keratitis associated with floppy eyelid syndrome  
**Adnan Pirbhail, Alexander C. Tokarewicz, Larry Allen**
- The Bioengineered Cornea*
- 1442 Outcome of biosynthetic corneas 2 years after implantation in humans  
**W Bruce Jackson, Per Fagerholm, Neil Lagali, C May Griffith**
- 1449 Long-term assessment of tissue-engineered corneal endothelial grafts in the animal model  
**Isabelle Brunette, Stéphanie Proulx, Nour Haydari, Myriam Bareille, André**
- 1456 Discussion and closing remarks  
**Deveault, Lucie Germain**

#### Cornea: Surgical

#### Cornée : chirurgie

1545–1715 • 206 AB

#### Objectives - Objectifs

- At the end of this session, participants will be able to:
- integrate into their practice new keratoplasty techniques
  - demonstrate enhanced ability to manage challenging surgical corneal cases.
  - compare and contrast different approaches to the management of epithelial ingrowth
- À la fin de la session, les participants pourront :
- intégrer dans leur pratique de nouvelles techniques en kératoplastie
  - mieux gérer des cas difficiles de chirurgie de la cornée
  - comparer et mettre en parallèle différentes approches en gestion de l'invasion épithéliale.

#### Guest - Invité

Jesus Merayo, MD / Michael E. Snyder, MD

#### Moderators - Animateurs

Stephen Brodovsky, Rookaya Mather

- |      |   |      |  |
|------|---|------|--|
| 1545 | Welcome<br><b>Stephen Brodovsky, Rookaya Mather</b>   | 1602 | Discussion   |
| 1548 | Demographics of corneal transplant surgeons and practice patterns in Canada - 2009 update<br><b>Corey Boimer, Kenneth Lee, Samantha Hershenfeld, Linda Sharpen, Allan R. Slomovic</b>                                     | 1609 | Additive corneal surgery with new intrastromal biomaterials<br><b>Jesus Merayo</b>   |
| 1555 | Sustainability of routine notification and request on eye bank tissue supply and corneal transplantation wait times in Canada<br><b>Kenneth Lee, Corey Boimer, Samantha Hershenfeld, Linda Sharpen, Allan R. Slomovic</b> | 1624 | Discussion   |
|      |   | 1627 | Population based risk factors for DSAEK failure in Ontario, Canada<br><b>Shefalee Shukla, William Hodge, Linda Sharpen</b>   |
|      |   | 1634 | Complications related to the donor in penetrating keratoplasties: A review of 538 consecutive cases<br><b>Karolina Chmielewska, Patricia-Ann Laughrea, Marc Germain, Samuel Levallois-Gignac, Jeanne D'Arc Uwamaliya</b>         |
|      |   | 1641 | Utilization of the anterior segment Optical Coherence Tomography (OCT) pre- and post-operatively in evaluation of the challenging DSAEK cases<br><b>Mahmoud Alizadeh-Ebadi, Michèle Mabon, Johanna Choremis, Hélène Boisjoly</b> |
|      |   | 1648 | DSAEK using corneas with previous LASIK<br><b>Marie Eve Légaré, Wiwan Sansanayudh, Nikil L. Kumar, Raneen Mashor-Shehadeh, Alfonso Iovieno, Maoz D. Amiran, Allan R. Slomovic, David S. Rootman</b>                              |
|      |   | 1655 | Discussion   |
|      |   | 1700 | Surgical management of anterior segment epithelial ingrowth<br><b>Michael E. Snyder</b>  |
|      |   | 1712 | Discussion and closing remarks   |

## Canadian Society for International and Public Health Ophthalmology

### Société canadienne de l'ophtalmologie internationale et de la santé publique

#### Community Health Symposium

Meeting the Needs of Canada's Underserved Eyecare Patients

#### Symposium : Santé communautaire

Servir les patients ophtalmologiques mal servis

0830–1000 • 206 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- appreciate the scope and problems of underserved eye care patients in Canada
- discuss existing and potential strategies to alleviate these problems

À la fin de la session, les participants pourront :

- apprécier la portée et l'étendue des problèmes des patients oculaires mal desservis au Canada;
- discuter des stratégies existantes et potentielles pour pallier à ces problèmes

#### **Guest - Invité**

Paul Courtright, PhD

#### **Moderator - Animateur**

Simon Holland

|      |   |
|------|---|
| 0830 | Introduction<br><b>Simon Holland</b><br><i>Free papers</i>  |
| 0832 | Novel online retina specialist referral system in the Calgary area: A study of efficiency<br><b>Jian Zhou, Amin Kherani, Geoff Williams, Nidhi Lodha</b>  |
| 0835 | Needs assessment of ophthalmology teaching for primary care physicians-in-training: comparison with the International Council of Ophthalmology recommendations<br><b>Cindy Hutnik, Edwin Lee, Toby Chan, Jordan Clicksman</b> |
| 0838 | Glaucoma Screening by Primary Care Physicians in Alberta - Patterns, methods and deficiencies<br><b>John T. Huang, Vikram Lekhi, Peter T. Huang, Paul Y. Huang</b>  |
| 0841 | Ophthalmology-related Emergency Room Visits in a Canadian Tertiary Care Centre<br><b>Rishi Gupta, Aleksandra Lesniak, Lisa Calder, Michael O'Connor</b>   |
| 0844 | Discussion<br><i>Community Health Symposium: Meeting the Needs of Canada's Underserved Eyecare Patients</i>   |
| 0850 | Introduction: Blindness and visual disability in Canada's vulnerable populations<br><b>Simon Holland</b>  |
| 0902 | CNIB: The problems and how we are trying to fix them<br><b>Keith Gordon</b>   |
| 0913 | Isolated communities: The view of a resident northern eye care professional:<br>What works and what does not<br><b>Barry Lester</b>   |
| 0921 | Outcome of cataract surgeries in a remote community<br><b>Jean Chuo, Sonia Yeung, David Fine, Simon Holland</b>   |
| 0929 | Learning from an international NGO: The Orbis experience<br><b>Brian Leonard</b>  |
| 0937 | Challenges of providing eye care to the urban poor and socially isolated<br><b>David Maberley</b>   |
| 0945 | Out of Africa: Barriers and solutions - Advice from afar<br><b>Paul Courtright</b>  |
| 0953 | Discussion  |

## Canadian Society of Oculoplastic & Reconstructive Surgery

### Société canadienne de l'oculoplastie et de la chirurgie reconstructrice

## Oculoplastics for the General Ophthalmologist

### Oculoplastiques pour les ophtalmologues généralistes

1045–1215 • 205 BC

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate new management techniques of oculoplastic problems into their practice
- describe new therapeutic techniques in oculoplastics.

À la fin de la session, les participants pourront :

- intégrer à leur pratique de nouvelles techniques de gestion des problèmes oculoplastiques
- décrire les nouvelles techniques thérapeutiques au niveau des oculoplastiques.

**Moderator - Animateur**

Yvonne M. Molgat

|      |   |
|------|---|
| 1045 | Introduction<br><b>Larry Allen, Yvonne M. Molgat</b>                                      |
| 1050 | Management of posterior blepharitis and chalazion<br><b>Yasser Khan</b>                   |
| 1102 | Tips for management of dry eye<br><b>Edsel Ing</b>  |
| 1114 | Update of sympathetic ophthalmia<br><b>John Harvey</b>                                    |
| 1126 | Repair of lid lacerations<br><b>Femida Kherani</b>  |
| 1138 | Management of human and animal bites in the periocular region<br><b>Jamie Oesetricher</b> |
| 1150 | Management of trichiasis<br><b>Norman Mainville</b>                                       |
| 1202 | Blepharoplasty: Tips for avoiding complications<br><b>David Rossman</b>                   |

1330–1715 • 205 BC

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate knowledge gained from the sharing of scientific studies related to oculoplastics and reconstructive surgery.

À la fin de la session, les participants pourront :

- intégrer les connaissances acquises par le partage d'études scientifiques reliées aux oculoplastiques et à la chirurgie reconstructive.

**Guest - Invité**

Michael Kazim, MD

**Moderator - Animateur**

Larry Allen

|      |  |
|------|--|
| 1330 | Introduction<br><b>Larry Allen</b>   |
| 1335 | Intra-operative factors associated with the outcome of endonasal dacryocystorhinostomy<br><b>Dena Hammoudi, Abdolell Mohamed, Nancy Tucker</b>                               |
| 1342 | Endonasal DCR using the Medpor-coated Jones tube – A retrospective review<br><b>Yasser Khan</b>  |
| 1349 | Does a Jones tube wrapped with a conjunctival autograft prevent extrusion of the Jones tube?<br><b>Vincent A. Wong</b>   |
| 1356 | International DCR surgery on trends in lacrimal surgery: The Canadian experience<br><b>Peter Dolman</b>  |
| 1403 | Discussion   |
| 1413 | Early results with propranolol to treat infantile hemangioma in the periocular area<br><b>François Codère, Ariane Millet, Luis Ospina, Julie Powell, Roseanne Superstein</b> |
| 1420 | A protocol for the ophthalmologic evaluation of patients in a burn unit<br><b>Catherine Achim, Yvonne M. Molgat, Hervé Genest</b>  |
| 1427 | Intraoperative adjustment of conjunctival mullerectomy in the correction of blepharoptosis<br><b>Randy A. Walker, M. Ronan Conlon</b>  |
| 1434 | Discussion   |
| 1445 | Update on optic nerve gliomas<br><b>Michael Kazim</b>  |
| 1505 | Discussion   |

## Canadian Society of Oculoplastic & Reconstructive Surgery

### Société canadienne de l'oculoplastie et de la chirurgie reconstructrice

1530–1700 • 205 BC

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate knowledge gained from the sharing of scientific studies related to oculoplastics and reconstructive surgery.

À la fin de la session, les participants pourront :

- intégrer les connaissances acquises par le partage d'études scientifiques reliées aux oculoplastiques et à la chirurgie reconstructrice.

#### **Moderator - Animateur**

Larry Allen

|      |  |
|------|--|
| 1530 | The definitive surgical management of suppurative canalicularitis:<br>Effectiveness of the monocanicular stent<br><b>Yasser Khan</b>   |
| 1537 | Intraoperative glue embolization of low-flow orbital vascular malformations<br><b>MJS Heran, J. Rootman, DA Graeb</b>  |
| 1544 | Recurrent orbital cyst as a late complication of silastic implant for orbital floor fracture repair<br><b>Serge Bourgault, Marie-Françoise Bordua-Robert, Yvonne M. Molgat</b>   |
| 1551 | Discussion   |
| 1601 | Malignant melanoma of the eyelid: An update on a sinister pathology<br><b>Ryan B. Eidsness, Brian Sloan, Paul Rosser</b>   |
| 1608 | Extranodal natural killer/ T-cell lymphoma, nasal type presenting as a medial canthal swelling<br><b>Curtis Archibald, Karim Punja, Holly Brown</b>  |
| 1615 | A popular-based analysis of temporal trends in the incidence of intra-ocular and peri-ocular tumors and a comparison to their corresponding cutaneous tumors<br><b>Sebastian Vrouwe, David Lebaron, Matthew Parliament, Ezekiel Weis</b> |
| 1622 | Discussion   |
| 1630 | Photo-oculodyna syndrome<br><b>Dave Jordan</b>   |
| 1637 | A case of orbital involvement in autoimmune pancreatitis<br><b>Joshua C. Teichman, Albert Wu, John T. Harvey</b>   |
| 1644 | Lacrimal gland inflammation related to inflammatory bowel disease and treated with Adalimumab<br><b>David Rossman, John Wong, Brian Bressler</b>   |
| 1651 | Sleep position and lateralization of Graves orbitopathy<br><b>Edsel Ing</b>  |
| 1658 | Clinical predictors for temporal arteritis<br><b>Andrew Toren, David Jordan, Steve Gilberg, Vivek Patel, Peter Spitellie, Ezekiel Weiss</b>  |
| 1703 | Discussion   |
| 1710 | Business Meeting – CSOPRS members  |

## Canadian Society of Ophthalmic Medical Personnel

### Société canadienne du personnel médical en ophtalmologie

0755–1630 • 202

**Objectives - Objectifs**

- At the end of this session, participants will be able to:
- discuss ocular prosthetics and outline the issues facing patients
  - describe the technician's role in pre-operative assessment of eyes receiving specialty IOLs
  - compare and contrast treatment options for ocular oncology
  - describe the new generation HVF
  - list the pros and cons of different types of topography and wavefront aberrometry devices
  - appreciate the technician's role in patient care of a difficult treatment of Acanthamoeba
  - participate in an overview discussion of contact lenses.

À la fin de la session, les participants pourront :

- discuter des prothétiques oculaires et présenter les enjeux auxquels font face les patients
- décrire le rôle du technicien au niveau de l'évaluation préopératoire des yeux recevant des LIO de spécialité
- comparer et contraster les options de traitement en oncologie oculaire
- décrire la nouvelle génération de HVF
- établir la liste des avantages et des désavantages de différents types de dispositifs de topographie et des appareils d'aberrations de front d'ondes
- apprécier le rôle du technicien au niveau des soins aux patients d'un traitement difficile d'Acanthamoeba
- participer à une discussion générale sur les lentilles de contact.

**Guest - Invité**

Michael Kazim, MD

**Moderators - Animateurs**

Gordon Carter, Marc Lafontaine

|      |   |
|------|---|
| 0755 | Welcome & Introduction to Annual CE Day<br><b>Marc Lafontaine &amp; Gordon Carter</b>       |
| 0800 | Ocular prosthetics<br><b>Michael Webb</b>   |
| 0900 | Specialty IOLs: Role of the technician<br><b>Bill Ehlers</b>                                |
| 1000 | Break   |
| 1030 | Ocular oncology<br><b>Hatem Krema</b>   |
| 1130 | Corneal topography & wavefront aberrometry<br><b>Marc Lafontaine</b>                        |
| 1215 | Lunch   |
| 1315 | Humphrey Visual Fields<br><b>Sylvie Bertrand</b>  |
| 1400 | Kaleidoscope of care: One patient's journey through acanthamoeba<br><b>Lorraine Osborne</b> |
| 1500 | Break   |
| 1530 | Contact lenses<br><b>TBA</b>  |

## Highlights - Résumé

### **COS sessions • Séances de la SCO**

COS-10: Current Concepts III/ Notions courantes III

COS-11: Cataract Surgery/ Chirurgie de la cataracte

COS-12: Refractive Cataract Surgery/ Chirurgie réfractive de la cataracte

COS-13: Challenging Cataract Cases/ Les cas défis de la cataracte

### **Subspecialty Societies and Special Interest Groups • Sociétés affiliées et groupes d'intérêts**

Pediatrics/ Pédiatrie

Uveitis/ Uvéite

Community Health/ Santé communautaire

Vision Rehabilitation/ Réadaptation visuelle

Oculoplastics/ Oculoplastie

### **Allied Health • Sociétés connexes de la santé**

CSOMP/ SCPMO

### **Social Events • Activités sociale**

COS Celebration/ Célébration de la SCO

### **Highlights • Points culminants**

0700 **COS Annual general meeting • Réunion d'affaires annuelle de la SCO**

1000 Poster presentations • Exposés sur affiches

1900 COS Celebration • Célébration de la SCO  
*La grande fête*

**Town Hall • Forum****COS - Session 10 • SCO - Séance 10**

## **Optometry and Ophthalmology Optométrie et ophtalmologie**

0800–0830 • 2000 CD

***Guest - Invité***

Michael W. Brennan, MD

***Moderator - Animateur***

Lorne Bellan

***We want your input!***

Optometry is actively pursuing legislative changes to increase their scope of practice in multiple provinces in Canada. In several provinces they are seeking the authority to administer topical therapeutic drops in the same manner that is permitted in other provinces. The most controversial application has been submitted in Alberta, where they are seeking the right to: administer all drugs by all routes, manage glaucoma independently, order MRI and CT scans and ultrasounds, and perform surgery. The COS response to this initiative will be presented at the Town Hall meeting, and general membership input on how best to proceed from here will be sought.

***Nous voulons connaître votre avis!***

L'optométrie cherche activement à obtenir des modifications législatives dans le but d'étendre la portée de leur pratique dans plusieurs provinces canadiennes. Dans plusieurs provinces, ils cherchent à obtenir l'autorisation d'administrer des gouttes thérapeutiques topiques comme cela se fait présentement dans d'autres provinces. La demande la plus controversée a été présentée par l'Alberta, où ils cherchent la permission de : administrer tout médicament par toutes les voies, gérer le glaucome de façon indépendante, ordonner des IRM, des tomodensitogrammes et des ultrasons, et effectuer des chirurgies. La réaction de la SCO en réponse à cette initiative sera dévoilée lors de la séance de discussion ouverte, et l'opinion des membres sera sollicitée sur la meilleure façon de procéder.

## **Current Concepts III Notions courantes III**

0830–1000 • 2000 CD

***Objectives - Objectifs***

At the end of this session, participants will be able to:

- integrate into their practice the core concepts of diagnosis and management of patients with age-related macular degeneration
- describe techniques to evaluate the angle using gonioscopy and newer imaging techniques
- identify indications for collagen cross-linking and describe how this new procedure is performed
- list current and new approaches in diagnosing and treating vitreo-retinal lymphomas.

À la fin de la session, les participants pourront :

- intégrer dans la pratique les notions de base du diagnostic et de la gestion des patients atteints de dégénérescence maculaire liée à l'âge
- décrire les techniques d'évaluation de la structure de l'angle avec la gonioscopie et les nouvelles techniques d'imagerie
- identifier les indications pour la liaison entre les fibres du collagène et comment exécuter cette nouvelle procédure
- dresser la liste des approches courantes et nouvelles du diagnostic et du traitement des lymphomes vitréo-rétiniens.

***Guests - Invités***

Emily Y. Chew, MD/ Paul Foster, MD/ William Trattler, MD/

Jacob Pe'er, MD

***Moderator - Animateur***

Allan Slomovic

|      |   |
|------|---|
| 0830 | Welcome   |
| 0835 | <b>E.A. Baker Lecture:</b><br>Update on age-related macular degeneration<br><b>Emily Y. Chew</b>  |
| 0855 | Discussion and presentation of<br><b>E.A. Baker Award</b>   |
| 0900 | Evaluation of the angle: Gonioscopy and<br>imaging techniques<br><b>Paul Foster</b>               |
| 0915 | Discussion  |
| 0920 | Collagen cross linking<br><b>William Trattler</b>   |
| 0935 | Discussion  |
| 0940 | Current approaches in diagnosis and treatment of<br>vitreo-retinal lymphoma<br><b>Jacob Pe'er</b> |
| 0955 | Discussion  |

**COS** - Session 11 • **SCO** - Séance 11

## Cataract Surgery

### Chirurgie de la cataracte

1045–1215 • 2000 CD

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- demonstrate improved understanding in the management of acute intraoperative malignant glaucoma and in anterior vitrectomy techniques in cataract surgery.
- outline the procedures for reducing postoperative endophthalmitis, including the use of a new corneal adhesive.

À la fin de la session, les participants pourront :

- faire preuve d'une meilleure compréhension de la gestion du glaucome peropératoire aigu et des techniques de vitrectomie antérieures au niveau de la chirurgie de la cataracte.
- énoncer des procédures pour réduire l'endophthalmitis postopératoire, notamment le recours à un nouvel adhésif cornéen.

**Guests - Invités**

Ralph Chu, MD/ Michael E. Snyder, MD

**Moderators - Animateurs**

Harold Climenhaga, Sébastien Gagné

|      |  |      |  |
|------|--|------|--|
| 1045 | Introduction<br><b>Lindsay Ong-Tone</b>  | 1139 | Intrastromal depot for endophthalmitis prophylaxis: Aqueous fluid levels of moxifloxacin following intrastromal injection in a rabbit model<br><b>Toby Chan, Jason Giroux, Godfrey J. Heathcote, Larry Allen, Rookaya Mather</b> |
| 1048 | Starting practice: The recent graduate's experience<br><b>Lorne Bellan</b>   | 1142 | Anterior chamber and vitreous culture-positive rates in endophthalmitis: Correlation, congruency, and consequences for prophylaxis<br><b>David R. Almeida, Darlene Miller, Eduardo C. Alfonso</b>                                |
| 1051 | Correlating cataract surgery wait times with rates of surgery in Ontario: A population based study<br><b>William G. Hodge, Francie F. Si, Ying Su, Irene Pan, Tim Ramsay, Dean Ferguson, Ralf Buhrmann</b> | 1145 | Endophthalmitis after bilateral cataract surgery and intracameral antibiotic efficacy<br><b>Steve A. Arshinoff, Paul Bastianelli</b>   |
| 1054 | Malignant glaucoma following routine cataract surgery<br><b>Devesh K. Varma, Graham W. Belovay, Diamond Y. Tam, Iqbal Ike K. Ahmed</b>   | 1148 | iSBCS (International Society of Bilateral Cataract Surgeons) suggestions for the performance of simultaneous bilateral cataract surgery (SBCS)<br><b>Steve A. Arshinoff; Charles Claoue, Bjorn Johansson</b>                     |
| 1109 | Discussion   | 1151 | A new corneal adhesive – I Zip<br><b>Ralph Chu</b>   |
| 1115 | A Canadian survey about phacoemulsification incision thermal contraction incidence and causal relationships<br><b>Clara C. Chan, Tyler Sorensen, Michael J. Bradley, Rosa Braga-Mele, Randall J. Olson</b> | 1203 | Discussion   |
| 1118 | Is there a difference between microcoaxial phaco with the Infinity system vs. the Signature system?<br><b>Christoph Kranemann, Carmen Balian</b>   |      |  |
| 1121 | Anterior vitrectomy techniques in cataract surgery<br><b>Michael E. Snyder</b>   |      |  |
| 1133 | Discussion   |      |  |

**COS** - Session 12 • **SCO** - Séance 12

## Refractive Cataract Surgery

### Chirurgie réfractive de la cataracte

1330–1500 • 2000 CD

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- demonstrate improved understanding of the preoperative evaluation of the patient prior to cataract surgery for optimum postoperative result.
- recognise where premium IOLs can be used in some challenging and controversial situations.
- interact effectively with the unhappy presbyopic correcting IOL patients.

À la fin de la session, les participants pourront :

- faire preuve d'une meilleure compréhension de l'évaluation peropératoire du patient avant la chirurgie de la cataracte, afin d'obtenir les meilleurs résultats postopératoires possibles.
- Reconnaître où on peut recourir aux IOL « premium » dans certaines situations difficiles et controversées.
- Interagir effectivement avec le patient de correction de la presbytie non satisfait des IOL.

**Guests - Invités**

Ralph Chu, MD/ Michael E. Snyder, MD/ William Trattler, MD

**Moderators - Animateurs**

Jit Gohill, Gilles Lafond

|      |  |
|------|--|
| 1330 | Preoperative evaluation of patients prior to cataract surgery<br><b>William Trattler</b>   |
| 1343 | Safety and efficacy of secondary iris claw Artisan lens implantation<br><b>Vanessa I. Vera, Diamond Y. Tam, Patrizia Rossi, Julio Perez, Iqbal Ike K. Ahmed</b>  |
| 1346 | Visual performance of Crystalens HD accommodating intraocular lens implants: A case series<br><b>Bruce Nichols, Toby Chan</b>  |
| 1349 | Discussion   |
| 1355 | Comparison of vision at six months with accommodating IOLs: Single optic versus dual optic<br><b>George Beiko</b>  |
| 1358 | Presbyopia correction with monovision and multifocal IOLs: A comparison of visual function<br><b>George Beiko</b>  |
| 1401 | Comparison of vision with accommodating IOLs versus minimonovision with a standard IOL<br><b>George Beiko</b>  |
| 1404 | Comparison of dysphotopic symptoms with B&L Crystalens HD and AMO Tecnis acrylic multifocal IOL<br><b>George Beiko</b>   |
| 1407 | Premium IOLs in controversial cases<br><b>Michael E. Snyder</b>  |
| 1420 | Discussion   |
| 1426 | Treatment of astigmatism in cataract patients: Toric intraocular lens implantation versus postoperative limbal relaxing incisions<br><b>Graham W. Belovay, Iqbal Ike K. Ahmed</b>  |
| 1429 | Results for patients with low versus moderate astigmatism after bilateral implantation of AcrySof Toric intraocular lenses<br><b>Guillermo Rocha, Iqbal Ike K. Ahmed, Daniel Belliveau, John Balylock, Harold Climenhaga, Pierre Faber, Jit Gohill, Alain Gregoire, Francis Law, Joseph Ma, Dominique Meyer, Michel Podtetenev, Allan R. Slomovic, Raymond Stein</b> |
| 1432 | Visual outcomes with bilateral ReSTOR +3.0D IOLs compared with contralateral ReSTOR +3.0D/+4.0D IOLs in two Canadian multicenter studies<br><b>Iqbal Ike K. Ahmed</b>  |
| 1435 | Managing the unhappy presbyopia correcting IOL patient<br><b>Ralph Chu</b>   |
| 1448 | Discussion   |

**COS** - Session 13 • **SCO** - Séance 13

## Challenging Cataract Cases

### Les cas défis de la cataracte

1545–1715 • 2000 CD

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- demonstrate increased knowledge in the management of some of the challenges encountered during cataract surgery.

À la fin de la session, les participants pourront :

- faire preuve d'une meilleure compréhension de la gestion de certains des défis rencontrés au cours d'une chirurgie de la cataracte.

**Guests - Invités**

Ralph Chu, MD / Michael E. Snyder, MD

**Moderators - Animateurs**

Iqbal Ike K. Ahmed, Rosa Braga-Mele

1545 | Interactive discussion of some challenging cases during cataract surgery

## Canadian Retina & Vitreous Society

### Société canadienne de la rétine et du vitré

## Age-Related Macular Degeneration

### Dégénération maculaire reliée au vieillissement

1045-1215 • 206 AB

**Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate into their practice knowledge gained from the sharing of scientific studies related to age-related macular degeneration.

À la fin de la session, les participants pourront :

- intégrer à leur pratique les connaissances acquises par le partage d'études scientifiques sur la dégénération maculaire reliée au vieillissement.

**Guests - Invités**

Emily Y. Chew, MD / Robert P. Murphy, MD

**Moderator - Animateur**

Peter J. Kertes

|      |   |
|------|---|
| 1045 | Assessment of age-related macular degeneration with a radial deformation acuity chart<br><b>Nigel Rawlings, Paul H. Artes, Alan F. Cruess</b>   |
| 1050 | Predictors of disease progression in Stargardt disease<br><b>Kanishka T. Jayasundera, William Rhoades, Kari Branham, John R. Heckenlively</b>   |
| 1055 | Discussion  |
| 1100 | AMD progression<br><b>Emily Y. Chew</b>   |
| 1115 | The effectiveness of intravitreal ranibizumab for the treatment of neovascular age-related macular degeneration (AMD) in a Canadian retina practice<br><b>Tural Galbinur, Taha Bandukwala, Rajeev H. Muni, Carol Schwartz, Kenneth T. Eng, Peter J. Kertes</b>                                    |
| 1120 | Comparison of outcomes when switching treatment from intravitreal Bevacizumab to Ranibizumab in neovascular age-related macular degeneration<br><b>Jerrod Kent, Yiannis Iordanous, Alex Mao, Shefalee Shukla, Tom Sheidow</b>   |
| 1125 | Monthly vs. variable Lucentis dosing for neovascular AMD: Is there a difference in visual outcome?<br><b>Gabriel Katz, Louis Giavedoni, Rajeev H. Muni, Teodoro Evans, Matthew Pezda, Ashley Moffat, Filiberto Altomare, David Wong, Shelley Boyd, David Chow, Alan Berger</b>                    |
| 1130 | Discussion  |
| 1135 | IPCV<br><b>Robert P. Murphy</b>   |
| 1150 | Evaluation of treatment modalities for retinal angiomatic proliferation<br><b>Kanishka T. Jayasundera, Mohammed Khuthaila, Fang Liu, Yang Liu, Ivan J. Galic, John C. Chen</b>  |
| 1155 | Visual outcome in myopic choroidal neovascularisation following anti-VEGF (Bevacizumab or Ranibizumab) therapy compared to photodynamic treatment (PDT) or observation<br><b>Feisal A. Adatia, Bishwanath Pal, Simona Esposti, Julie DeZaeytijd, Waheeda Rahman, Robin Hamilton, Adnan Tufail</b> |
| 1200 | Discussion panel<br><b>Peter J. Kertes</b>  |

## Canadian Retina & Vitreous Society

### Société canadienne de la rétine et du vitré

## Retinal Vascular/ Retinal Imaging

### Vascularité rétinienne/ Image rétinienne

1330–1500 • 206 AB

#### **Objectives - Objectifs**

At the end of this session participants will be able to:

- integrate into their practice knowledge gained from the sharing of scientific studies related to vascular retinal disease and retinal imaging.

À la fin de la session, les participants pourront :

- intégrer à leur pratique les connaissances acquises par le partage d'études scientifiques sur les maladies reliées la vascularité rétinienne et l'image rétinienne.

#### **Guests - Invités**

Emily Y. Chew, MD/ Robert P. Murphy, MD

#### **Moderator - Animateur**

Michael Kapusta

|      |   |      |   |
|------|---|------|---|
| 1330 | Autofluorescence<br><b>Robert P. Murphy</b>   | 1435 | Combined vitrectomy, pre-operative and intra-operative injection of Bevacizumab for prevention of secondary post-operative vitreous hemorrhage in diabetic patients<br><b>Kevin Ramsey, Robert Devenyi</b>        |
| 1345 | Drusen patterns in early and intermediate age-related macular degeneration on modified fundus camera-based autofluorescence imaging<br><b>Nupura Krishnadev, Annal D. Meleth, Euna B. Koo, Denise Cunningham, Emily Y. Chew, Catherine A. Cukras, Wai T. Wong</b>                           | 1440 | Vascular risk factors in patients with retinal emboli<br><b>Dean T. Jeffery, Kenman D. Gan, Howard C. Hsu, Mikael S. Mouradian, Naeem Dean, Ian M. MacDonald, Matthew T. Tennant, Ashfaq Shuaib, Ezekiel Weis</b> |
| 1350 | Fundus autofluorescence imaging identifies an inflammatory infiltrate in a rat model of sodium iodate (NaIO <sub>3</sub> )- induced chorioretinopathy<br><b>Shelley R. Boyd, Xu Zhao, David Baek, Hai Wang, Louis Giavedoni, Filiberto Altomare, David Wong, Michael Brent, Alan Berger</b> | 1450 | Angiographic and OCT findings in parafoveal telangiectasia<br><b>Mohammed Khuthaila, Thiran Jayasundera, Ivan J. Galic, John C. Chen</b>  |
| 1355 | Multi-spectral fundus imaging is a promising tool in the structural and functional evaluation of macular pathology<br><b>Brian Leonard, Alan Boate, Rick Clayton, Jeremy Gribben, Bernard Hurley, Stuart Coupland, Rejean Munger, Robert Devenyi</b>  | 1455 | Retinal vascular discussion panel   |
| 1400 | Imaging discussion panel  |      |   |
| 1415 | ACCORD results/DR talk<br><b>Emily Y. Chew</b>  |      |   |
| 1430 | The adjunctive use of pre-operative intravitreal Bevacizumab in the setting of proliferative diabetic retinopathy (PVR)<br><b>Abdullah S. Al kharashi, Tural Galbinur, Efrem Mandelcorn, Rajeev H. Muni, Peter J. Kertes</b>  |      |   |

## Canadian Retina & Vitreous Society

### Société canadienne de la rétine et du vitré

## Retinal Surgery/ Tumours

### Chirurgie de la rétine / tumeurs

1545–1715 • 206 AB

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- integrate into their practice knowledge gained from the sharing of scientific studies related to retinal surgery.

À la fin de la session, les participants pourront :

- intégrer à leur pratique les connaissances acquises par le partage d'études scientifiques sur la chirurgie rétinienne.

#### **Moderators - Animateurs**

Jean Daniel Arbour/ Rand Simpson

|      |   |      |  |
|------|---|------|--|
| 1545 | Hydro dissection-assisted separation of posterior hyaloïds<br><b>Khaled G. Abu eleinen, Mostafa H. Nabih</b>  | 1625 | Recurrence of uveal melanoma following Iodine-125 brachytherapy<br><b>Hatem Krema, Rand Simpson, Hugh McGowan, David Payne, Wei Xu</b>   |
| 1550 | The incidence of postoperative hypotony in 25-gauge vitrectomy: Oblique vs. straight sclerotomies<br><b>Serge Bourgault, Éric Tourville</b>   | 1630 | Retinal toxicity of high dose Hydroxychloroquine in patients with graft versus host disease<br><b>Eduardo Navajas, Hatem Krema, E. Rand Simpson, Jeffrey H. Lipton, Michael Easterbrook</b>  |
| 1555 | The effect of indocyanine green assistance in epiretinal membrane surgery<br><b>Mohamed Haji, Michael Kapusta, Ivan J. Galic, Mila Oh, Thiran Jayasundera, Mohammed Khuthaila, Qian Qian Wang, Maheen Diwan, John C. Chen</b>             | 1635 | Discussion   |
| 1600 | Discussion  | 1645 | Scleral rigidity measurement in a rabbit model<br><b>Alice Y. Zhang, Hady Saheb, Mohammed Khuthaila, Thiran Jayasundera, Olivier Fontaine, Mark R. Lesk, John C. Chen</b>  |
| 1605 | Micro-CT imaging identifies anomalous features of intravitreal injections that impact drug delivery<br><b>Corey A. Smith, Timothy A. Newson, Kevin C. Leonard, David W. Holdsworth, Joseph Barfett, Cindy M. Hutnik, Kathleen A. Hill</b> | 1650 | A cross-sectional observational study of retinal and central nervous system dysfunction in patients with diabetes mellitus<br><b>Shelley R. Boyd, Silvia O'Dorcic, Andre Ali-Ridha, Ashley Corallo, Catherine Buffa, Rita Buffa, Mariel Konrad, David Wong, Filiberto Altomare, Louis Giavedoni, Alan Berger</b>   |
| 1610 | Intravitreal injection anesthesia – Comparison of different topical agents: A randomized controlled trial<br><b>Christopher S. Jackman, Gary Yau, Phil Hooper, Tom Sheidow</b>  | 1655 | Vision deficits precede structural losses in a mitochondrial dysfunction mouse model of retinal degeneration<br><b>Alex M. Laliberte, Thomas C. MacPherson, Taft Micks, Cindy M. Hutnik, Kathleen A. Hill</b>  |
| 1615 | Discussion  | 1700 | Screening the Frizzled-4 (FZD4) gene in familial exudative vitreoretinopathy (FEVR), FEVR-like conditions and retinopathy of prematurity (ROP)<br><b>Johane M. Robitaille, Binyou Zheng, Karin Wallace, Anna Ells, Orlando DaSilva, Thomas Sheidow, Alexander Allen, Michael Vincer, Lee Siebert, Carol Shields, Alex Levin, Brian Arthur, Christopher J. Lyons, Elisa Jaakkola, Ekaterini Tsilou, Charles Williams, Richard G. Weaver, April Ingram, Jill Beis, Duane L. Guernsey</b> |
| 1620 | Clinical and ultrasound biomicroscopy (UBM) features predictive of growth in iris melanocytic lesions<br><b>Gian Paolo Giuliani, Hatem Krema, Hugh D. McGowan, E. Rand Simpson, Charles J. Pavlin</b>                                     | 1705 | Discussion   |

## Canadian Orthoptic Society

### Société canadienne d'orthoptique

## Scientific Program

### Programme scientifique

0830–1715 • 202

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- deliberate the current controversies, facts and surgical techniques surrounding strabismus treatment
- review congenital/ neurologic motility disorders and classification
- discuss atypical cases in the orthoptic clinic

À la fin de la session, les participants pourront :

- délibérer des controverses, faits et techniques actuels entourant le traitement du strabisme
- passer en revue les désordres et les classifications de motilité congénitales/ neurologiques
- discuter de cas atypiques dans la clinique orthoptique.

#### **Chairperson**

Dr. Agnes Wong

|      |   |      |  |
|------|---|------|--|
| 0830 | Welcome: Opening remarks  | 1215 | Lunch in Exhibition Hall   |
| 0835 | Dr. John Pratt-Johnson Lecture: Intermittent exotropia: Facts, opinions & unknowns<br><b>Kenneth Romanchuk</b>                      | 1330 | Graduate and award presentations   |
| 0920 | A fresh look at binocular vision<br><b>Gail Stephenson</b>  | 1340 | International Orthoptic Association Congress 2012 remarks<br><b>Elizabeth Caines</b>   |
| 0935 | Retrobulbar botulinum toxin (Botox) injection for intractable oscillopsia in a 60-year-old man<br><b>Randy Walker, Shehla Rubab</b> | 1345 | Retinopathy of prematurity ... The orthoptist's role<br><b>Gregg T. Lueder</b>   |
| 0950 | Discussion  | 1415 | Are children with NLDO more likely to have amblyopia risk factors?<br><b>Noelle Matta, Eric L. Singman, David I. Silbert</b> |
| 1000 | Break in Exhibition Hall  | 1430 | Pediatric nystagmus<br><b>Luis Ospina</b>  |
| 1045 | Horizontal gaze palsy with progressive scoliosis: A case study<br><b>Joel Hyndman</b>   | 1445 | Discussion   |
| 1100 | Congenital ocular motility disorders - An evolving classification<br><b>Darren Oystreck</b>   | 1500 | Break in Exhibition Hall   |
| 1115 | Botox for strabismus: Should we be offering it to more of our patients?<br><b>Andrew Budning</b>                                    | 1545 | Assessment, interpretation and management of ocular torsion<br><b>Gill Roper-Hall</b>  |
| 1130 | Resecting the lateral rectus in Duane syndrome<br><b>Stephen Kraft</b>  | 1600 | Idiopathic convergence paralysis<br><b>Catherine Day, Amadeo Rodriguez, Robert Adam, Sourabh Arora</b>                       |
| 1145 | Clinical findings and surgical treatment of inferior oblique palsy<br><b>Michael Flanders, Raquel Beneish, Steve Roberts</b>        | 1615 | Preserved Bell's phenomenon in Miller Fisher syndrome<br><b>Amadeo Rodriguez</b>   |
| 1200 | Discussion  | 1630 | Paralysis of the near reflex<br><b>Christy Giligson</b>  |
|      |   | 1645 | Intermittent double vision<br><b>Briar Sexton</b>  |
|      |   | 1700 | Discussion   |
|      |   | 1715 | Adjourn  |

## Young Ophthalmologist Program - Residents' workshops Programme des jeunes ophtalmologistes - Atelier des résidents

**New this year!** Young Ophthalmologist workshops are designed to help new residents transition from training to practice. These workshops also provide an opportunity to meet and talk with other young ophthalmologists. **Please join COS board and staff for lunch. 1215-1330, Hilton DeTourny**

### Cognitive errors in medicine Erreurs cognitives en médecine

**Monday June 28 - lundi 28 juin**

0830-1000 • 204 AB

#### Description

The majority of the mistakes that we make in medicine are not due to lack of knowledge, but rather due to errors and biases. These biases are inherent in the thinking processes we use to make judgments and decisions in uncertain situations, in both non-medical issues of everyday life, and in diagnostic and therapeutic deliberations. This workshop will consider several of the common judgmental errors we make in medicine, as well as methods to recognize and mitigate these errors.

La majorité des fautes que nous commettons en médecine ne sont pas dues au manque de connaissance, mais plutôt aux erreurs et aux préjugés. Ceux-ci sont inhérents aux processus de pensée que nous utilisons pour poser des jugements et prendre des décisions en certaines situations, face aux problèmes quotidiens non médicaux et à la réflexion sur le diagnostic et la thérapie. Cet atelier examinera plusieurs erreurs communes de jugement que nous faisons en médecine, de même que les moyens de les reconnaître et de les atténuer.

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- identify potential psychological biases that impair clinical judgment, decision making and diagnostic reasoning and will learn compensatory strategies
- describe the psychological factors that impair our ability to critically evaluate and interpret research literature.

À la fin de la session, les participants pourront :

- identifier les éventuels préjugés psychologiques qui affaiblissent le jugement clinique, la prise de décision et le raisonnement sur le diagnostic, et apprendre les stratégies compensatoires
- décrire les facteurs psychologiques qui affaiblissent notre capacité d'évaluation critique et d'interprétation de la littérature sur la recherche.

#### Moderator - Animateur

David Zackon

**Du nouveau, cette année!** Les ateliers des jeunes ophtalmologistes ont pour objet d'aider les nouveaux résidents à passer de la formation à la pratique. Ils offrent aussi l'occasion de rencontrer d'autres jeunes ophtalmologistes et de s'entretenir avec eux. **Venez dîner avec le conseil et le personnel de la SCO. 1215-1330, Hilton DeTourny**

### Starting/Joining a Medical Practice Ouvrir une pratique médicale ou s'y joindre

**Monday June 28 - lundi 28 juin**

1045-1215 • 204 AB

#### Description

This session provides ophthalmology residents with all the basic principles involved in starting or joining a practice. Residents and young ophthalmologists will learn the essentials in setting up a medical practice and discuss issues such as staffing and human resources, guidelines for medical records, association and partnership agreements.

Cette séance transmet aux résidents en ophtalmologie les principes de base qui sous-tendent l'ouverture d'une pratique médicale ou l'adhésion à une pratique existante. Les résidents et les jeunes ophtalmologues apprendront les éléments essentiels du lancement d'une pratique médicale et examineront les problèmes afférents au recrutement et aux ressources humaines, les lignes directrices concernant les dossiers médicaux, les ententes d'association et de partenariat.

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- list the steps involved in establishing one's professional team
- evaluate practice options
- understand the importance of appointment scheduling and communication systems
- articulate the requirements for licencing and billing.

À la fin de la session, les participants pourront :

- énumérer les étapes d'établissement d'une équipe professionnelle
- évaluer les options de pratique
- comprendre l'importance de la programmation des rendez-vous et des systèmes de communication
- exprimer clairement les exigences de la réglementation et de la facturation.

#### Moderator - Animateur

Brian E. Cummings

## Understanding your needs in selecting the right EMR system Comprendre vos besoins au niveau du choix du bon système d'EMR

### Tuesday June 29 - mardi 29 juin

0900-1200 • Hilton: Villeray

#### **Description**

Many ophthalmologists don't know what they need in an EMR because they really don't know what an EMR can do. By understanding the need, preparing for, researching and selecting the right system, you will learn how an EMR can not only make your practice more efficient but also improve patient care by:

- generating consult reports back to the referring doctor based on the data entered in the patient encounter
- sending lab results automatically into your patients' records rather than sitting in a paper pile upon your desk
- graphing out eye pressure vs. glaucoma medications over time to better understand what medications have or have not been working for your patients
- managing your time and direct interaction with the patient more efficiently.

You will be able to leave this workshop with an itemized list of the things you want an EMR to do for you – a practical guide that will help you choose the right vendor that will best meet your needs.

**This workshop is co-developed according to Royal College accreditation guidelines with COS and Pfizer Canada.**

Plusieurs ophtalmologistes ne savent pas ce dont ils ont besoin dans un EMR parce qu'ils ignorent ce que peut faire un EMR. En comprenant les besoins, en vous préparant, en effectuant une recherche et en choisissant le bon système, vous apprendrez comment un EMR peut non seulement rendre votre pratique plus efficace, mais également améliorer vos soins aux patients, en :

- préparant des rapports de consultation pour le médecin de référence en se basant sur les données obtenues lors de la visite du patient
- envoyant les résultats de laboratoire directement dans le dossier du patient plutôt que le laisser traîner dans une pile de paperasse sur votre pupitre
- établissant un graphique de la pression de l'œil par rapport aux médicaments du glaucome sur une période de temps, afin de mieux comprendre les médicaments qui ont bien fonctionné ou non pour votre patient
- gérant votre temps et votre interaction directe avec le patient de façon plus efficace.

Vous serez en mesure de quitter cet atelier en possession d'une liste détaillée des choses que vous voulez qu'un EMR fasse pour vous, et d'un guide pratique qui vous aidera à choisir le vendeur qui répondra le mieux à vos besoins.

**Cet atelier est préparé conformément aux lignes directrices d'accréditation du Collège Royal, avec la participation de la SCO et de Pfizer Canada.**

#### **Moderator - Animateur**

Robert Schertzer, MD

#### **Instructors - Instructeurs**

Robert Schertzer, MD / James Sweeney, Practice Solutions

## Glaucoma New Surgical Technologies Course and Wet Lab

### Nouvelles technologies chirurgicales du glaucome et Aqualabo

#### Tuesday June 29 - mardi 29 juin

0700-0930 0930-1200 • Hilton: Plaines

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#### Description

Participants will learn about the indications, complications, as well as surgical techniques and pearls for I-Stent, Trabectome, Canaloplasty and Express Shunt surgeries. This is a didactic course followed by a wet lab where 16 participants will be divided into groups of 4. At 4 stations of 20 minutes each, participants will perform I-stent, Trabectome, Canaloplasty and Express Shunt Implantation.

The course will be given in 2 sessions:

Group 1 (16 participants)- 0700 to 0930, and

Group 2 (16 participants)- 0930 until 1200 noon.

Les participants apprendront les indications, les complications de même que les techniques et perles chirurgicales pour I-Stent, trabectomie, canaloplastie et Express shunt. C'est un cours didactique suivi d'aqualabo où 16 participants seront répartis en groupes de 4. Aux 4 séances de 20 minutes chacune, les participants pratiqueront les I-Stent, trabectomie, canaloplastie et Express Shunt.

Le cours sera donné en 2 séances:

le Groupe 1 (16 participants) - de 07h00 à 09h30

et le Groupe 2 (16 participants) - de 08h30 à 12h00.

#### Moderator - Animateur

Paul Harasymowycz

## Cornea Skills Lab: DALK for the Corneal Surgeon

### Aqualabo- Techniques de la cornée : DALK pour le chirurgien de la cornée

#### Tuesday June 29 - mardi 29 juin

0800-1200 • Hilton: De Tourny

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#### Description

This hands-on wet lab will review Deep Anterior Lamellar Keratoplasty for the corneal surgeon. Various techniques will be reviewed with an emphasis on improving success with the "big-bubble" and manual dissection, strategies for minimizing perforations, review of new DALK instruments, and management of complications.

Cet aqualabo pratique fera la revue de la kératoplastie lamellaire antérieure profonde (DALK) pour le chirurgien de la cornée. On présentera diverses techniques avec emphase sur l'amélioration de la réussite avec le « big-bubble » et la dissection manuelle, les stratégies pour minimiser les perforations, la revue des nouveaux instruments DALK et la gestion des complications.

#### Moderators - Animateurs

Guillermo Rocha, Rusty Ritenour

## Cataract Wet Lab: Astigmatism Management

### Aqualabo de la cataracte : Gestion de l'astigmatisme

#### Tuesday June 29 - mardi 29 juin

0800-1200 • Hilton: Courville/ Montmorency

##### **Guests - Invités**

Michael E. Snyder, MD/ Ralph Chu, MD

##### **Moderators - Animateurs**

Iqbal Ike K. Ahmed, Lindsay Ong-Tone

\*\*Attendance at the Surgical Teaching Series (STS) on "Astigmatism Management in the Cataract Patient" on Saturday, June 26, 1045-1215 is a prerequisite to attending this Cataract Wet Lab\*\*

#### **Description**

This Cataract wet lab will build on the didactic Surgical Teaching Series (STS) on Astigmatism Management to give comprehensive ophthalmologists, residents, and fellows an opportunity to practise their surgical skills. The wet lab will be divided into 3 sections:

- approach, diagnostic testing, and decision management for astigmatism in the cataract patient
- application of corneal marking (preop, steep exis, and arc of treatment) and performance of limbal relaxing incisions on the cadaveric eye
- marking the cornea, folding, inserting and rotating Toric IOLs in the cadaveric eye.

Cet aqualabo de la cataracte poursuit la Surgical Technical Services (STS) sur la gestion de l'astigmatisme pour donner aux ophtalmologistes, résidents et fellows une occasion de pratiquer leurs habiletés chirurgicales. Cet aqualabo sera divisé en trois sections :

- approches, essais diagnostiques, et gestion des décisions au niveau de l'astigmatisme pour le patient de la cataracte
- application du marquage cornéen (preop, steep exis et arc de traitement) et réalisation d'incisions de relaxation limbiques sur l'œil d'un cadavre
- marquage de la cornée, pliage, insertion et rotation d'implants intraoculaires (IOL) toriques dans l'œil d'un cadavre.

#### **Objectives - Objectifs**

At the end of this session, participants will be able to:

- develop an approach to the management of astigmatism in the cataract patient, including preoperative testing and calculation of surgically induced astigmatism
- apply nomogram and perform limbal relaxing incisions, including marking the cornea
- develop a strategy for the selection of Toric IOLs, and understand folding and implantation techniques of Toric IOLs.

À la fin de la session, les participants pourront :

- élaborer une approche envers la gestion de l'astigmatisme chez le patient de la cataracte, notamment les essais préopératoires et le calcul de l'astigmatisme induit chirurgicalement
- application de nomogrammes et réalisation d'incisions limbiques de relaxation, y compris le marquage de la cornée
- élaboration d'une stratégie pour la sélection d'IOL toriques, et compréhension des techniques du pliage et de l'implantation des IOL toriques.

## The Canadian Orthoptic Society Workshops

### Ateliers de la société canadienne d'orthoptique

#### Tuesday June 29 - mardi 29 juin

0800-1100 • Hilton room TBD

|             |   |
|-------------|---|
| 0800 - 0850 | From the brain to the eye:<br>What 50 years of laboratory research has revealed about amblyopia and binocular vision<br><b>Kyle Arnoldi</b> |
| 0900 - 9500 | What's new with skew deviation?<br><b>Dr. Agnes Wong</b>  |
| 1000 - 1050 | The unique oblique: Mechanisms of superior oblique dysfunction<br><b>Gill Roper-Hall</b>  |
| 1100        | Adjourn   |

## Poster presentations Exposés sur affiche

### Exhibition Hall Salle d'exposition

#### Saturday June 26

Glaucoma  
Neuro-ophthalmology  
International and Public Health  
Ophthalmology  
Pathology

#### Sunday June 27

Pediatrics  
Cornea  
Vision Rehabilitation  
Oculoplastics  
Uveitis

#### Monday June 28

Cataract Surgery  
Retina

Time spent viewing poster presentations may be claimed under Section 2, as defined by the Royal College of Physicians and Surgeons of Canada for the Maintenance of Certification program.

Le temps passé au visionnement des exposés peut être réclamé en vertu de la Section 2, comme le définit le Collège royal des médecins et chirurgiens du Canada dans le programme du Maintien du Certificat.

### Objectives - Objectifs

Participants can:

- increase their knowledge of recent findings from scientific research related to ophthalmology.
- interact with investigators conducting research of similar and (or) particular interest.

Les participants pourront :

- accroître leur connaissance des récentes découvertes de la recherche scientifique concernant l'ophtalmologie.
- échanger avec les investigateurs qui mènent des recherches sur des sujets similaires ou particuliers.

### Glaucoma

**P-00001** Cost-effectiveness of three different modes of screening for open-angle glaucoma in glaucoma high-risk populations

**Alvine A. Kamdeu Fansi, Jason R. Guertin, Gisèle Li, Mark R. Lesk, Paul J. Harasymowycz, Elham Rhame, Jacques Lelorier**

**P-00002** Morning vs. evening adherence to once-daily glaucoma medication

**Malcolm Gooi, Bryce A. Ford, Anthony Carlsson, Andrew C. Crichton**

**P-00003** The influence on intraocular pressure of different types of anti-inflammatory treatments after selective laser trabeculoplasty in patients with primary open angle glaucoma  
**Isabelle Aucoin, Olivier Lasnier, Jean-Louis Antil, Annie Goyette, Caroline Lajoie, Marie-Josée Fredette, Béatrice Des Marchais**

**P-00004** Comparison of digital stereoscopic optic nerve head photographs with clinical optic nerve head assessment in patients referred for glaucoma  
**Enitan A. Sogbesan, Chris Rudnisky, Karim F. Damji**

**P-00005** Characterization of the connexin43 G60S mutant phenotype in the mouse eye  
**Edmund Tsui, Alex M. Laliberte, Daniel Paluzzi, Qing Shao, Godfrey J. Heathcote, Kathleen A. Hill, Dale W. Laird, Gerald M. Kidder, Cindy M. Hutnik**

**P-00006** Predictive factors for favourable response to prophylactic peripheral laser iridotomy for occludable angles  
**Julia Talajic, Mark Lesk, Paul J. Harasymowycz**

**P-00008** Meta-analysis of one- versus two-site phacotrabeculectomy  
**Gdih A. Gdih, Darana Yeun, Peng Yan, Li Sheng, Ya-Ping Jin, Yvonne M. Buys**

**P-00009** Safety and efficacy of selective laser trabeculoplasty as a first-line therapy for intravitreal triamcinolone-induced ocular hypertension  
**Christina Leung, Jeffrey G. Gale, James P. Farmer, Delan Jinapriya**

**P-00010** Is glaucoma a risk factor for developing cystoid macular edema following cataract surgery in patients not taking prostaglandin analogs perioperatively?

**Tariq S. Alshehri, Ivan J. Galic**

**P-00011** Biomarkers in response to biomechanical stress from human optic nerve head lamina cribrosa cells

**John G. Flanagan, Ronan Rogers**

**P-00012** A new technique for Ahmed valve implantation without homologous patch graft

**Mohammed Khuthaila, Thiran Jayasundera, Ahmed Al-Hinai, I.John Galic, John C. Chen**

**P-00013** Telemetric intraocular pressure measurement

**Mark A. Fava, Amit Todani, Irmgard Behlau, Fabiano Cade, Claes Dohlman, Samir Melki**

### International and public health ophthalmology

**P-00014** The Canadian ophthalmology graduates' study (COGS): The 2000-2009 report  
**Rishi Gupta, Michael Dollin, Michael O'Connor**

**P-00015** Initiation of a direct referral policy for eye-related emergency room visits: A prospective study of wait times  
**Vivian Yin, Jason Noble, Dena Hammoudi, Wai-Ching Lam**

**P-00016** Epidemiology of referral of intraocular tumour patients to a dedicated Canadian ocular oncology department  
**Hatem Krema, Christine Law, E. Rand Simpson**

**P-00017** Congenital uveal malignant melanoma: A case study of the 5th ever reported case  
**Amandeep S. Rai, Subrata Chakrabarti**

**P-00018** Assessing competency in ophthalmology in medical students with the objective standardized clinical examination  
**Manpartap Bal, Yasser Khan**

## Neuro-ophthalmology

P-00019 Transverse sinus stenting as a treatment of refractory idiopathic intracranial hypertension: A case report

Emmanuelle Chalifoux, Pascale Lavoie, Alain Gourdeau

## Pediatric ophthalmology and strabismus

P-00020 Tarsorrhaphy: Clinical experience in a pediatric setting

Tenley N. Bower, John M. Little

P-00021 Error of calibrations in ophthalmic calipers

Mishari M. Dahrab, G. Robert LaRoche

P-00022 Visual functions in school-age children with a history of prematurity: Preliminary results

Boram Hong, Johane M. Robitaille, Michael Vincer, Leah Walsh, Paul H. Artes

P-00023 Macular dystrophy in a nine-year-old boy with terminal 6q25.3 deletion

Inge De Becker, Jonathan Pribila, Susan Berry, Gail Summers

P-00024 Peripapillary and macular retinal nerve fiber layer thickness in adults with amblyopia

Randy A. Walker, Vasudha Erraguntla, Shehla Rubab, Paul H. Murphy

P-00025 Remote screening for retinopathy of prematurity (ROP) using telemedicine: Ontario experience

Nasrin Najm-Tehrani, Beverley Griffiths, Kimberley Azzeb

P-00026 Two patients with unilateral absence of the abducens nerve presenting with strabismus features unlike Duane's Syndrome

Linda Cooper, Carlos Chua

P-00027 Congenital anterior lentiglobus resulting from abnormalities in the posterior capsule

Hayat A. Khan, Asim Ali, Kamiar Mireskandari

P-00028 Pharmacological treatment of macular edema associated with macular telangiectasia in children: Does it work?

Hannah Chiu, Wai-Ching Lam

## Uveitis

P-00029 Candida endophthalmitis and evaluation of the Goldman-Witmer ratio: About 3 cases

Enwar Borsali, Laurence Battelier, Pablo Goldschmidt, Thomas Gaujoux, Christine Chaumeil

P-00030 Potential diagnostic biomarkers of ocular toxoplasmosis

Silvin Bakalian, Jordan Isenberg, Rubens N. Belfort, Bruno F. Fernandes, Dana Faingold, Miguel N. Burnier, Momar Ndaou

## Cornea, external disease & refractive surgery

P-00031 The prevalence of glaucoma and its impact on visual rehabilitation following Boston keratoprosthesis type 1 surgery

Julia Talajic, Florin Costescu, Sebastien Gagne, Mona Harissi-Dagher

P-00032 Evolving surgical techniques and indications for corneal transplantation in Ontario from 2000 to 2009

Corey Boimer, Kenneth Lee, Linda Sharpen, Raneen S. Mashour, Allan R. Slomovic

P-00033 Long-term results of endothelial keratoplasty in patients with glaucoma drainage device

Maoz D. Amiran, Marie Eve Legare, Raneen Shehadeh-Mashor, Alphonso Iovino, Allan R. Slomovic, David S. Rootman

P-00034 Long-term results of Descemet stripping and automated endothelial keratoplasty in patients with failed penetrating keratoplasty

Maoz D. Amiran, Raneen Shehadeh-Mashor, Marie Eve Legare, Alphonso Iovino, Allan R. Slomovic, David S. Rootman

P-00035 Tissue engineering of a posterior corneal substitute using the self-assembly approach

Stephanie Proulx, Patrick Carrier, Isabelle Brunette, Francois A. Auger, Lucie Germain

P-00036 Delayed suprachoroidal hemorrhage following Boston keratoprosthesis type 1 (KPro) in two aniridic patients

Xin-ya C. Qian, Mona Harissi-Dagher

P-00037 Pupillary block glaucoma following Descemet stripping automated endothelial keratoplasty associated with intraoperative floppy iris syndrome

Julia Baryla, Alexander C. Tokarewicz

P-00038 Hydrops in pediatric keratoplasty secondary to microbial keratitis

Asim Ali, Kamiar Mireskandari

P-00039 Incidence and outcomes of LASIK flap striae requiring flap re-lift and irrigation

Harmanjit Singh, Vasudha Gupta, Eser Adiguzel, Avi Wallerstein, Mark Cohen, Mona Harissi-Dagher

P-00040 The influence of lacritin and benzalkonium chloride on mechanisms of human ocular cell injury and death

Negin Ashki, Julia Baryla, Hong Liu, Gordon Laurie, Bob McKown, Cindy M. Hutnik

P-00041 Prolene monofilament sutures in Boston keratoprosthesis surgery

Ralph Kyriilos, Mona Harissi-Dagher

P-00042 Tracking ocular infections: A London experience

King Chow, J. Giroux, Walter Liao, D. Schaus, K. Gill, R. Lannigan, Rookaya Mather

P-00043 Descemet-stripping automated endothelial keratoplasty versus triple procedure: A comparative case series on visual outcome and complications

Toby Chan, Alexander Tokarewicz

## Oculoplastic & reconstructive surgery

P-00044 Can propanolol successfully treat capillary hemangiomas?

Joel Post, Ryan B. Eidsness

P-00045 Orbital hydatid cyst: Clinicopathologic study of 5 cases

Masoomeh Eghehdari, Mohammad H. Roozitalab, Vahid Hekmat

P-00046 Insect inhabitation of the upper eyelid

Carla Lutchman, Fariba Nazemi

## Cataract surgery

**P-00047** Cost-based analysis of ophthalmic procedures performed within a hospital environment contrasted with those of performed in an ambulatory care center  
**Vikram Lekhi, Tom Gonder, Robert J. Mitchell, Kenneth Romanchuk, Geoff Williams, Amin Kherani, Chad Saunders**

**P-00048** What is the degree of subjective satisfaction with visual function in patients with bilateral CrystaLens® accommodating lens implants?  
**Hamza Khan**

**P-00049** The incidence of intraoperative floppy iris syndrome and cataract surgery complications in patients using tamsulosin  
**Silvin Bakalian, Susan K. Lindley, Mostafa Elhilali, Bruno F. Fernandes, Dana Faingold, Jordan Isenberg, Miguel N. Burnier**

**P-00050** Expression of LOXL1 in lens epithelial cells in patients with clinical pseudoexfoliation  
**Dana Faingold, Oscar Kasner, Silvin Bakalian, Bruno Fernandes, Jordan Isenberg, Miguel N. Burnier**

**P-00051** Can switching tamsulosin to alfuzosin prevent intra-operative floppy iris syndrome in patients with benign prostate hypertrophy?  
**Toby Chan, Patrick O'Keefe, Rookaya Mather**

**P-00053** Documenting the subjective experience of the first versus second eye cataract surgery  
**Feisal A. Adatia, Abdallah Ajani, Imran Jivraj, Rosa Braga-Mele**

**P-00054** Visual outcomes and subjective satisfaction following bilateral implantation AcrySof IQ ReSTOR +3.0 D IOLs in Canada  
**Marino Discepola**

## Retina

**P-00055** Is there an association between retinitis pigmentosa and autoimmune polyglandular syndrome type 1?  
**Joel Post, Kevin Colleaux**

**P-00056** Follow-up care of macular degeneration for just-in-time care can be facilitated through integrated medical reading, data and patient management software  
**Marie Carole Boucher**

**P-00057** Management of diabetic retinopathy screening through teleophthalmology  
**Marie Carole Boucher**

**P-00058** Intra sclera schwannoma: Report of a case  
**Masoomeh Eghtedari, Hamid Hosseini, Mohammad H. Roozitalab, Sahab Shahrzad**

**P-00059** Isolated foveal retinoschisis in two first-degree-related females  
**Laurence Letartre, Pierre Turcotte**

**P-00060** Multifocal choroiditis in three related females  
**Laurence Letartre, Pierre Turcotte**

**P-00061** Safety and complication profile of 25-gauge vitrectomy for epiretinal membrane peeling, primary retinal detachment, macular hole repair and vitreous hemorrhage  
**Kevin J. Warrian, Kulbir Gill, Yiannis Iordanous, Alycia Zhou, King Chow, Mario Francispragasm, John R. Gonder**

**P-00062** Choroidal new vessels in patients with R345W mutation in EFEMP1 are responsive to intravitreal anti-VEGF therapy  
**Feisal A. Adatia, Elliott Sohn, Praveen J. Patel, Robert E. McLaren, Bishwanath Pal, Andrew R. Webster, Adnan Tufail**

**P-00063** Increased risk of branch retinal vein occlusion in retinal vascular arcades with arteriovenous crossings in the first order artery  
**Dan B. Rootman, David Wong, Qingyuan Liang**

**P-00064** Branch retinal vein occlusion: A possible new anatomical risk factor  
**Mathieu Caissie, Louis Giavedoni, Alan Berger, David Chow, David Wong, Filiberto Altomare, Shelley R. Boyd, Liang Qingyuan**

**P-00065** Sleep disturbances and gene expression in the pineal gland and retina in retinal dystrophies  
**Noor Aotaibi, Robert Koenekeop, Nathalie Duponsel, Olga Overbury**

**P-00066** Combined cilioretinal artery and retinal vein occlusion: Documentation of the oscillating blood column  
**Feisal A. Adatia, Robin Hamilton, Richard Andrews**

**P-00067** Massive bilateral subretinal hemorrhage can result from eccentric choroidal neovascular membrane in age-related macular degeneration  
**Elham Rastikerdar, Michael A. Kapusta**

**P-00068** Commercial air travel with a small intravitreal gas bubble  
**Adam Muzychuk, Feisal A. Adatia, Bryce A. Ford, Amin Kherani**

**P-00069** Ocular phenotyping of harlequin mice provides insight into disease mechanisms associated with early-onset macular degenerative disease  
**Kathleen A. Hill, Thomas C. MacPherson, Cindy M. Hutnik**

**P-00070** Phenotype-genotype association in autosomal dominant familial exudative vitreoretinopathy (FEVR) and retinopathy of prematurity (ROP) caused by Frizzled-4 (FZD4) mutations  
**Johane M. Robitaille, Karin Wallace, Binyou Zheng, Anna Ells, Orlando DaSilva, Thomas Sheidow, Alexander Allen, Michael Vincer, Lee Siebert, Alex Levin, Brian Arthur, Christopher J. Lyons, Elisa Jaakkola, Ekaterini Tsilou, Charles Williams, Richard G. Weaver, April Ingram, Jill Beis, Duane Guernsey**

**P-00071** The inhibitory effect of connexin43 expression on oxidative stress-induced VEGF production in human retinal pigment epithelial cells  
**Cady Pocrich, Qing Shao, Hong Liu, Mary Feng, Melissa Savage, Sarit Khimdas, Dale W. Laird, Cindy M. Hutnik**

All meetings wil be at the Hilton / Toutes les scéances de travail auront lieu au Hilton

**Friday June 25 / Vendredi 25 juin**

| Time/Heure | Meeting/Scéance de travail               | Convenor/Animateur              | Room/Salon |
|------------|--|---------------------------------|------------|
| 1300-1500  | ACUPO                                    | Sherif El-Defrawy               | Plaines    |
| 1300-1500  | Royal College: Executive                 | Walter Delpero                  | Dufferin   |
| 1400-1700  | COS: Council on Provincial Affairs (CPA) | Andrew Budning                  | Sillery    |
| 1500-1700  | Royal College: Specialty                 | Denise Walter<br>Walter Delpero | Dufferin   |
| 1700-1900  | COS: Board of Directors                  | Jennifer Brunet-Colvey          | Sillery    |

**Saturday, June 26 / Samedi 26 juin**

| Time/Heure | Meeting/Scéance de travail                   | Convenor/Animateur | Room/Salon |
|------------|--|--------------------|------------|
| 0630-0830  | COS: Canadian Journal of Ophthalmology (CJO) | Adrienne Szalamin  | Bélair     |
| 0700-1000  | Canadian Orthoptic Council: Executive        | Cathie Day         | Lauzon     |
| 0830-1000  | Undergrad Directors                          | Yasser Khan        | Sillery    |
| 1100-1200  | COS: Residents' Affairs Committee            | Kelly Schweitzer   | Sillery    |
| 1200-1500  | Eye Bank Committee                           | Mary Gatien        | Beaumont   |
| 1215-1330  | COS: International Ophthalmology             | Ralf Buhrmann      | De Tourny  |
| 1800-2200  | Canadian Orthoptic Council: Business meeting | Cathie Day         | Lauzon     |

**Sunday, June 27 / Dimanche 27 juin**

| Time/Heure | Meeting/Scéance de travail               | Convenor/Animateur     | Room/Salon |
|------------|--|------------------------|------------|
| 0700-0815  | CCOTP                                    | Cindy York             | Lauzon     |
| 0700-0830  | COS: Annual General Meeting (AGM)        | Jennifer Brunet-Colvey | De Tourny  |
| 0830-1000  | COS: Board of Directors                  | Jennifer Brunet-Colvey | Sillery    |
| 1145-1315  | CCOTP                                    | Cindy York             | Lauzon     |
| 1700-1900  | TCOS: Canadian Orthoptic Society         | Cindy York             | Villeray   |
| 1700-1900  | IOA: International Orthoptic Association | Cindy York             | Lauzon     |

**Monday, June 28 / Lundi 28 juin**

| Time/Heure | Meeting/Scéance de travail        | Convenor/Animateur | Room/Salon |
|------------|-----------------------------------|--------------------|------------|
| 0700-0830  | COS: Maintenance of Certification | Inika Anderson     | Sillery    |
| 0700-0800  | Christian Ophthalmology Breakfast | Ralf Buhrmann      | Plaines    |

**Tuesday, June 29 / Mardi 29 juin**

| Time/Heure | Meeting/Scéance de travail                              | Convenor/Animateur | Room/Salon |
|------------|---|--------------------|------------|
| 0800-1330  | COS: Clinical Practice Guidelines                       | Cynthia Lank       | Lauzon     |
| 1200-1330  | COS: Council on Continuing Professional Development     | Inika Anderson     | Duchesnay  |
| 1200-1500  | TCOS: Canadian Orthoptic Society Annual General Meeting | Cindy York         | Villeray   |

## Welcome Reception - Réception d'accueil

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### **Saturday June 26, 1730-1900**

#### ***Le cinq à sept***

Join us for a lively *cinq à sept* reception featuring local Québec beers and cheeses. Renew old acquaintances and make new friends with colleagues from across Canada. Le *cinq à sept* is a Québécois twist on the happy hour; we invite you to join us for a glass of cheer and celebrate the opening of the 2010 COS Annual Meeting.

### **Samedi 26 juin, 1730-1900**

#### ***Le cinq à sept***

Soyez des nôtres à l'occasion d'une réception *cinq à sept* mettant en vedette des bières et des fromages québécois. Retrouvez d'anciennes connaissances et faites de nouveaux amis avec des collègues de partout au Canada. Le *cinq à sept* est l'équivalent québécois du « happy hour » ; nous vous invitons à vous joindre à nous pour déguster une bière et célébrer l'ouverture du Congrès annuel 2010 de la SCO.

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## **Residents' Reception: Bon appétit! - Réception pour les résidents : Bon appétit!**

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### **Monday June 28, 1215-1330**

Location: De Tourny, Hilton

Please join us for a lunch; this is a great opportunity to meet and talk with COS board members and other young ophthalmologists. Bring your appetites: Montreal-style smoked meat is on the menu!

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### **Lundi 28 juin, 1215-1330**

Endroit : De Tourny, Hilton

Soyez des nôtres pour un lunch; ce sera une excellente occasion de rencontrer les membres du Conseil de la COS et d'autres jeunes ophtalmologues. Apportez votre appétit : de l'authentique smoked meat de Montréal figure au menu!

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## **Fun Run - Course amusante**

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### **Monday June 28**

0630-0730, Hilton lobby

\$25, includes breakfast and t-shirt

Run led by Christian from the Running Room

Start your day off right! Put on your sneakers and join us for a fun and energizing run around Québec City.

New: quick-dry COS t-shirt for participants!

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### **Le lundi 28 juin**

0630 à 0730, lobby Hilton

25\$, petit-déjeuner et t-shirt compris

Course mené par Christian de la Running Room

Commencez la journée du bon pied! Chaussez vos espadrilles et venez vous amuser et stimuler votre énergie en courant avec nous autour de la ville de Québec!

Nouveau : t-shirt à séchage rapide pour les participants !

## COS Celebration - *La grande fête!* - Une célébration de la SCO

**Sunday June 27**

**1900-2300**

**Fairmont Le Château Frontenac**

**Attire:** Business casual.

Be sure to wear comfortable shoes for dancing!

**Tickets - We've lowered the price from 2009!**

• \$125 per person, at the registration desk

• \$50 per child (age 12 and under)

We've re-vamped and revved up the COS social event! You won't want to miss *La grande fête*: a night of good food, great music and dancing.

Bring your family and celebrate Québécois-style! Experience traditional Gallic charm and warm hospitality in the iconic Château Frontenac. Join us for a relaxed gourmet dinner reception featuring local ingredients and cultural flavours.

The Painchaud Family will provide an evening of great music, guaranteed to get you up dancing.

**Dimanche le 27 juin**

**1900-2300**

**Fairmont Le Château Frontenac**

**Tenue :** d'affaires décontractée

Assurez-vous de porter des souliers confortables pour la danse!

**Billets : Nous avons baissé le prix de 2009!**

• 125 \$ par personne, au pupitre d'inscription

• 50 \$ par enfant (12 ans et moins)

Nous avons modifié et ravivé nos activités sociales! Vous ne manquerez pas *La grande fête* : une soirée de bonne bouffe, de grande musique et de danse.

Amenez la famille et célébrons ensemble à la Québécoise! Goûtez au traditionnel charme gallois et à la chaleureuse hospitalité de l'iconique Château Frontenac. Joignez-vous à nous dans la détente d'un dîner gastronomique aux saveurs alimentaires et culturelles locales. La Famille Painchaud nous offrira une soirée de grande musique qui vous embalera dans la danse.

Be sure to attend the COS Celebration for your chance to win 2 airline tickets! Attendees will have the opportunity to enter a draw for 2 round-trip tickets anywhere Porter Airlines flies. Destinations include New York City, Myrtle Beach, Boston, Chicago, and St. John's NFLD!

Ne manquez pas d'assister aux célébrations de la SCO et de vous mériter la chance de gagner deux billets d'avion! Les personnes présentes auront l'occasion de s'inscrire au tirage de deux billets aller-retour partout ou se rend Porter. Les destinations comprennent New York, Myrtle Beach, Boston, Chicago et St. John's Terre-Neuve



ASSOCIATION DES MÉDECINS OPHTALMOLOGISTES  
DU QUÉBEC

La grande fête is supported in part by l'Association des médecins ophtalmologistes du Québec. We thank them for their generosity.

La grande fête est commanditée en partie par l'association des médecins ophtalmologiste du Québec. Nous les remercions de leur générosité.

## Registration - Inscription

### Hours

Friday June 25:1400-1900

Saturday June 26 to Monday June 28: 0700-1700

### Location

Québec convention centre – main entrance

Tuesday June 29: 0645-1000

Hilton lobby for workshops and wet labs

### Heures

Le vendredi 25 juin : 1400-1900

Du Samedi 26 juin au lundi 28 juin : 0700-1700

### Endroit

Centre des congrès du Québec – entrée principale

Le mardi 29 juin : 0645-1000

Lobby Hilton pour les ateliers et aqualabos

## Badges/Security - Insignes et sécurité

All registered delegates must wear their badges to gain admission to conference activities. Badges are not transferable under any circumstances. They must not be altered or defaced and must not be concealed by business cards, pins or stickers. Lost badges can be replaced at the Registration Desk.

Les congressistes inscrits doivent porter leurs insignes, qui sont absolument personnels, pour être admis aux activités. On ne doit ni les modifier, ni les rendre illisibles ni les masquer par une carte d'affaires, une épingle ou un autocollant. Les insignes perdus sont remplaçables au comptoir d'inscription.

## Speaker Information - Information des conférenciers

### Audio-Visual Presentations

All presentations must be uploaded directly to:  
<http://cos2010.mediaco.ca>.

All presenters must visit the speaker room at least **3 hours** prior to your session. We will not accept presentations within 30 minutes of your scheduled time. **Memory sticks will NOT be accepted in the presentation rooms.** There will be no exceptions.

Please visit the Speaker Ready Room, **Room 201C**, Québec Convention Centre a minimum of three (3) hours before your session begins. Bring a backup copy of your presentation and check in with the Presentation Manager to ensure that your presentation was received and is assigned correctly. Changes may be made at this time. No changes or submissions are allowed within 30 minutes of a session start time.

### Speaker Ready Room:

Room 201C - Québec Convention Centre

### Hours:

1400-1900 Friday June 25

0700-1700 Saturday June 26 - Monday June 28

### Exposés audiovisuels

Veuillez télécharger vers l'amont vos fichiers de présentation orale directement à <http://cos2010.mediaco.ca>.

Vous devez présenter votre exposé sur place au moins 3 heures avant le début de votre session. **Les cartes mémoires flash ne seront pas acceptées dans les salles d'exposés.** Il n'y aura pas d'exception.

Veuillez vous présenter à la Salle de prévisualisation des conférenciers, **Pièce 201C**, au Centre des congrès de Québec, au moins trois (3) heures avant le début de votre session. Apportez une copie de sauvegarde de votre exposé et présentez-vous au gestionnaire de la présentation pour vous assurer que votre exposé a été reçu et est au programme. Il sera encore temps d'apporter des modifications. Aucune modification ni soumission ne sera autorisée à partir de 30 minutes avant le début d'une session.

### Salle de prévisualisation des conférences :

Pièce 201C - Centre des congrès de Québec

### Heures :

De 14h00 à 19h00, le vendredi 25 juin

De 7h00 à 17h00, du samedi 26 juin au lundi 28 juin

## Financial disclosure Divulgation des intérêts financiers

COS is an accredited Continuing Professional Development provider of the Royal College of Physicians and Surgeons of Canada. RCPSC guidelines dictate that faculty disclose to the program audience any real or apparent financial interests relevant to the content of the program in order to ensure balance, independence, objectivity, and scientific rigor in all accredited educational activities. Declaration of financial interest is not intended to restrict content but to inform the audience that this relationship exists.

La SCO est un fournisseur agréé de Perfectionnement professionnel continu du Collège royal des médecins et chirurgiens du Canada. Elle doit divulguer à l'auditoire tout conflit d'intérêt, réel ou apparent, concernant les exposés afin d'assurer l'équilibre, l'indépendance, l'objectivité et la rigueur scientifique de toute activité agréée de formation. La divulgation des intérêts n'a pas pour objet de restreindre les exposés mais d'informer l'auditoire de l'existence de telles relations.

The following are financial disclosures received from invited speakers, as of program printing:

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Y. Ralph Chu

Grant/Research Support: Allergan, AMO, Bausch & Lomb  
Employment honoraria/consulting fees: Allergan, AMO, Bausch & Lomb,  
Ista, Ocusoft  
Membership on an advisory panel, standing committee, or board of  
directors: Bausch & Lomb

Gregg T. Lueder

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# Index of Participants - Scientific program

## Liste des participants - programme scientifique

COS Annual Meeting and Exhibition  
Congrès et exposition annuels de la SCO Québec 2010

|                               |                        |                              |                        |
|-------------------------------|------------------------|------------------------------|------------------------|
| <b>A</b>                      |                        | <b>C</b>                     |                        |
| Abu eleinen, Khaled G .....   | 46                     | Cade, Fabiano .....          | 52                     |
| Achim, Catherine .....        | 37                     | Caines, Elizabeth .....      | 47                     |
| Adam, Robert.....             | 47                     | Caissie, Mathieu .....       | 54                     |
| Adatia, Feisal A. ....        | 32, 44, 54             | Calder, Lisa .....           | 36                     |
| Adiguzel, Eser .....          | 53                     | Cantor, Louis B. ....        | 22                     |
| Ahmed, Iqbal Ike K ..         | 19 ,22, 23, 42, 43,    | Cao, Kathy Y. ....           | 33                     |
| 44, 51                        |                        | Carlsson, Anthony .....      | 52                     |
| Ajani, Abdallah .....         | 54                     | Carrier, Patrick .....       | 53                     |
| Albreiki, Danah .....         | 27                     | Carter, Gordon .....         | 39                     |
| Al kharashi, Abdullah S. .... | 45                     | Chakrabarti, Subrata .....   | 52                     |
| Al-Hinai, Ahmed .....         | 52                     | Chalifoux, Emmanuelle .....  | 53                     |
| Alasbali, Tariq .....         | 22                     | Chan, Clara C. ....          | 42                     |
| Alfonso, Eduardo C. ....      | 42                     | Chan, Toby .....             | 31, 34, 36, 42, 53, 54 |
| Ali, Asim .....               | 53                     | Chaumeil, Christine .....    | 53                     |
| Ali-Ridha, Andre .....        | 46                     | Chemtob, Sylvain .....       | 21                     |
| Alizadeh-Ebadi, Mahmoud ..... | 35                     | Cheema, Devinder P. ....     | 34                     |
| Allen, Alexander .....        | 46,54                  | Chen, John C. ....           | 29, 44, 45, 46, 52     |
| Allen, Larry .....            | 25, 34, 35, 37, 38, 42 | Cheung, Crystal Sin Yi ..... | 32                     |
| Almarzouki, Hashem S. ....    | 34                     | Chew, Emily Y. ....          | 41, 44, 45             |
| Almeida, David R. ....        | 42                     | Chiu, Hannah .....           | 32, 53                 |
| Alshehri, Tariq S. ....       | 31, 34,52              | Chmielewska, Karolina .....  | 35                     |
| Altomare, Filiberto .....     | 44, 45, 46, 54         | Choremis, Johanna .....      | 34, 35                 |
| Amiran, Maoz D. ....          | 35, 53                 | Chow, David .....            | 29, 44, 54             |
| Anctil, Jean-Louis .....      | 52                     | Chow, King .....             | 53, 54                 |
| Andradé, Timothy .....        | 27                     | Christakis, Panos G. ....    | 22                     |
| Andrews, Richard .....        | 54                     | Chu, Ralph .....             | 19, 42, 43, 44, 51     |
| Aotaibi, Noor .....           | 54                     | Chua, Carlos .....           | 53                     |
| Arbour, Jean Daniel.....      | 46                     | Chuo, Jean .....             | 36                     |
| Archibald, Curtis.....        | 38                     | Claoue, Charles .....        | 42                     |
| Arnold, Robert .....          | 31                     | Clayton, Rick .....          | 45                     |
| Arnoldi, Kyle .....           | 51                     | Climenhaga, Harold .....     | 42, 43                 |
| Aroichane, Maryam .....       | 32                     | Codère, François .....       | 37                     |
| Arora, Sourabh.....           | 47                     | Cohen, Mark .....            | 53                     |
| Arshinoff, Steve A. ....      | 42                     | Colleaux, Kevin .....        | 54                     |
| Artes, Paul H. ....           | 44, 53                 | Conlon, M. Ronan .....       | 37                     |
| Arthur, Brian .....           | 32, 46,54              | Cooper, Linda .....          | 53                     |
| Ashki, Negin .....            | 53                     | Corallo, Ashley .....        | 46                     |
| Astle, William.....           | 20                     | Costescu, Florin .....       | 53                     |
| Aubin, Mare-Josée.....        | 33                     | Coupland, Stuart .....       | 45                     |
| Aucoin, Isabelle .....        | 52                     | Courtright, Paul .....       | 24, 36                 |
| Auger, Francois A. ....       | 53                     | Crichton, Andrew C. ....     | 52                     |
| Azzeb, Kimberley .....        | 53                     | Crossland, Michael .....     | 20, 33                 |
| <b>B</b>                      |                        | Cruess, Alan F. ....         | 33, 44                 |
| Baek, David .....             | 45                     | Cukras, Catherine A. ....    | 45                     |
| Baig, Kashif.....             | 34                     | Cummings, Brian E. ....      | 48                     |
| Bakalian, Silvin .....        | 53,54                  | Cunningham, Denise .....     | 45                     |
| Bal, Manpartap .....          | 54                     | Cunningham, Emmett T. ....   | 19, 33                 |
| Balian, Carmen .....          | 42                     | <b>D</b>                     |                        |
| Balylock, John .....          | 43                     | Dahrab, Mishari M. ....      | 53                     |
| Banandur, Pradeep .....       | 31                     | Damji, Karim F. ....         | 22, 52                 |
| Bandukwala, Taha .....        | 44                     | Daniel, Shannon .....        | 23                     |
| Bareille, Myriam .....        | 35                     | DaSilva, Orlando .....       | 46, 54                 |

# Index of Participants - Scientific program

## Liste des participants - programme scientifique

COS Annual Meeting and Exhibition  
Congrès et exposition annuels de la SCO

Québec  
2010

|                              |                |
|------------------------------|----------------|
| Day, Catherine .....         | 47             |
| De Becker, Inge .....        | 53             |
| Dean, Naeem .....            | 45             |
| Demong, Thaddeus .....       | 34             |
| Des Marchais, Béatrice ..... | 52             |
| Deveault, André .....        | 35             |
| Devenyi, Robert .....        | 45             |
| DeZaeytijd, Julie .....      | 44             |
| Dilma, Beri .....            | 24             |
| Dimaras, Helen .....         | 31, 32         |
| Discepola, Marino .....      | 54             |
| Diwan, Maheen .....          | 46             |
| Dodd, Mary-Magdalene U. .... | 25             |
| Dohlman, Claes .....         | 52             |
| Dollin, Michael .....        | 52             |
| Dolman, Peter.....           | 37             |
| Downie, Robert .....         | 31, 32         |
| Duponsel, Nathalie .....     | 54             |
| E                            |                |
| Easterbrook, Michael .....   | 46             |
| Eghetdari, Masoomeh .....    | 53, 54         |
| Ehlers, Bill.....            | 39             |
| Eid, Cynthia .....           | 23             |
| Eidsness, Ryan B. ....       | 38, 53         |
| El-Defrawy, Sherif .....     | 20             |
| Elhilali, Mostafa .....      | 54             |
| Ells, Anna .....             | 46, 54         |
| Eng, Kenneth T. ....         | 44             |
| Erraguntla, Vasudha .....    | 53             |
| Esposti, Simona .....        | 44             |
| Evans, Teodoro .....         | 44             |
| Evoy, Francois .....         | 31             |
| F                            |                |
| Faber, Pierre .....          | 43             |
| Fagerholm, Per .....         | 35             |
| Faingold, Dana .....         | 53, 54         |
| Fansi, Alvine K. ....        | 23, 52         |
| Farmer, James P. ....        | 52             |
| Fava, Mark A. ....           | 52             |
| Feng, Mary .....             | 54             |
| Fergusson, Dean .....        | 42             |
| Fernandes, Bruno F. ....     | 53, 54         |
| Fine, David .....            | 36             |
| Flanagan, John G. ....       | 22, 52         |
| Flanders, Michael .....      | 31, 47         |
| Fontaine, Olivier .....      | 23, 46         |
| Ford, Bryce A. ....          | 30, 52, 54     |
| Foster, Paul .....           | 22, 23, 24, 41 |
| Francispragasam, Mario ..... | 54             |
| Fredette, Marie-Josée .....  | 30, 52         |
| Freeman, Ellen .....         | 23             |

|                               |                |
|-------------------------------|----------------|
| G                             |                |
| Gagné, Sébastien .....        | 42, 53         |
| Galbinur, Tural .....         | 44, 45         |
| Gale, Jeffrey G. ....         | 52             |
| Galic, Ivan J. ....           | 44, 45, 46, 52 |
| Gallie, Brenda .....          | 30, 31, 32     |
| Gan, Kenman D. ....           | 45             |
| Gans, Mark.....               | 25             |
| Gardiner, Jane .....          | 32             |
| Gaujoux, Thomas .....         | 53             |
| Gdih, Gdih A. ....            | 52             |
| Genest, Hervé .....           | 37             |
| Germain, Lucie .....          | 35, 53         |
| Germain, Marc .....           | 35             |
| Giavedoni, Louis .....        | 44, 45, 46, 54 |
| Giguère, Nathalie .....       | 27             |
| Gilberg, Steven .....         | 35, 38         |
| Giligson, Christy.....        | 47             |
| Gill, Harmeet .....           | 25             |
| Gill, K. ....                 | 53             |
| Gill, Kulbir .....            | 54             |
| Giroux, Jason .....           | 42, 53         |
| Giuliani, Gian Paolo.....     | 46             |
| Glicksman, Jordan .....       | 36             |
| Gohill, Jit .....             | 43             |
| Goldscmidt, Pablo .....       | 53             |
| Gonder, John R. ....          | 54             |
| Gonder, Tom .....             | 54             |
| Gordon, Keith.....            | 36             |
| Gooi, Malcolm .....           | 52             |
| Goren, Deborah.....           | 22             |
| Gourdeau, Alain .....         | 53             |
| Goyette, Annie .....          | 52             |
| Graeb, DA.....                | 38             |
| Gregoire, Alain .....         | 43             |
| Gribben, Jeremy .....         | 45             |
| Griffith, C May .....         | 35             |
| Griffiths, Beverley .....     | 53             |
| Guernsey, Duane .....         | 46, 54         |
| Guertin, Jason R. ....        | 52             |
| Gupta, Rishi .....            | 36, 52         |
| Gupta, Vasudha .....          | 53             |
| H                             |                |
| Habeeb, Syed Y. ....          | 32             |
| Haji, Mohamed .....           | 46             |
| Hamel, Patrick.....           | 30, 31, 32     |
| Hamilton, Robin .....         | 44, 54         |
| Hammond, Robert .....         | 25             |
| Hammoudi, Dena .....          | 37, 52         |
| Hao Ho, Yuan.....             | 22             |
| Harasymowycz, Paul J. ....    | 22, 23, 50, 52 |
| Harissi-Dagher, Mona .....    | 34, 53         |
| Harris, Alon .....            | 23             |
| I                             |                |
| Ing, Edsel .....              | 25, 37, 38     |
| Ingram, April .....           | 46, 54         |
| Iordanous, Yiannis .....      | 32, 44, 54     |
| Iovieno, Alfonso .....        | 29, 35, 53     |
| Isenberg, Jordan .....        | 53, 54         |
| J                             |                |
| Jaakkola, Elisa .....         | 46, 54         |
| Jackman, Christopher S. ....  | 46             |
| Jackson, Mary Lou .....       | 33             |
| Jackson, W Bruce .....        | 35             |
| Jayasundera, Kanishka T. .... | 44             |
| Jayasundera, Thiran .....     | 45, 46, 52     |
| Jeffery, Dean T. ....         | 45             |
| Jin, Ya-Ping.....             | 22, 52         |
| Jinapriya, Delan .....        | 22, 52         |
| Jivraj, Imran .....           | 24, 54         |
| Johansson, Bjorn .....        | 42             |
| Jordan, David R. ....         | 35, 38         |
| Joseph, Lawrence .....        | 23             |
| K                             |                |
| Kalenak, Jeffrey W. ....      | 22             |
| Kamdeu Fansi, Alvine A. ....  | 52             |
| Kammer, Jeffrey A. ....       | 22             |
| Kapasi, Mustafa .....         | 34             |

Kapusta, Michael ..... 45, 46, 54  
Kasner, Oscar ..... 23, 54  
Kassam, Faazil ..... 23  
Katz, Gabriel ..... 44  
Kazim, Michael ..... 37, 39  
KCRai, Salma ..... 32  
Kent, Jerrod ..... 44  
Kenyon, Cynthia ..... 32  
Kertes, Peter J. ..... 44, 45  
Khan, Baseer ..... 30  
Khan, Hamza ..... 54  
Khan, Hayat A. ..... 53  
Khan, Yasser ..... 37, 38, 52  
Kherani, Amin ..... 36, 54  
Kherani, Femida ..... 37  
Khimdas, Sarit ..... 54  
Khuthaila, Mohammed ... 44, 45, 46, 52  
Kidder, Gerald M. ..... 52  
Kim, Peter ..... 32  
KoenekooP, Robert ..... 54  
Konrad, Mariel ..... 46  
Koo, Euna B. ..... 45  
Kraft, Stephen ..... 47  
Kranemann, Christoph ..... 42  
Krema, Hatem ..... 39, 46, 52  
Krishnadev, Nupura ..... 45  
Kumar, Nikil L. ..... 35  
Kurian, Mathew ..... 31  
Kyrillos, Ralph ..... 53

L

Lafond, Gilles ..... 43  
Lafontaine, Marc ..... 39  
Lagali, Neil ..... 35  
Laird, Dale W. ..... 52, 54  
Lajoie, Caroline ..... 22, 52  
Laliberté, Alex M. ..... 46, 52  
Lam, Wai-Ching ..... 32, 52, 53  
Lannigan, R. ..... 53  
LaRoche, G. Robert ..... 53  
Lasnier, Olivier ..... 52  
Laughrea, Patricia-Ann ..... 34, 35  
Laurie, Gordon ..... 53  
Lavallée, Andréane ..... 35  
Lavoie, Pascale ..... 53  
Law, Christine ..... 52  
Law, Francis ..... 43  
Le, Tran D. ..... 32  
LeBaron, David ..... 38  
Leblanc, Raymond ..... 30  
Lee, Edwin ..... 36  
Lee, Kenneth ..... 35, 53  
Légaré, Marie Ève ..... 29, 35, 53

Lekhi, Vikram ..... 36, 54  
Lelorier, Jacques ..... 52  
Leonard, Brian ..... 29, 36, 45  
Leonard, Kevin C. ..... 46  
Lesk, Mark R. ..... 23, 46, 52  
Leske, M. Cristina ..... 22, 23  
Lesniak, Aleksandra ..... 36  
Lester, Barry ..... 36  
Letartre, Laurence ..... 54  
Leung, Andrea K. ..... 25  
Leung, Christina ..... 32, 52  
Levallois-Gignac, Samuel ..... 35  
Levin, Alex ..... 46, 54  
Li, Gisele ..... 23, 52  
Liang, Qingyuan ..... 54  
Liao, Walter ..... 35, 53  
Liesegang, Thomas J. ..... 21, 34  
Lin, David ..... 34  
Lindley, Susan K. ..... 54  
Lipton, Jeffrey H. ..... 46  
Little, John M. ..... 53  
Liu, Eugene S. ..... 32  
Liu, Fang ..... 44  
Liu, Hong ..... 53, 54  
Liu, Yang ..... 44  
Lodha, Nidhi ..... 36  
Lueder, Gregg T. ..... 20, 30, 31, 32, 47  
Lutchman, Carla ..... 53  
Lyons, Christopher J. ..... 32, 46, 54

M

Ma, Joseph ..... 43  
Maberley, David ..... 29, 36  
Mabon, Michèle ..... 35  
MacDonald, Ian M. ..... 45  
MacLaren, Robert E. ..... 54  
MacPherson, Thomas C. ..... 46, 54  
Mainville, Norman ..... 37  
Makar, Inas ..... 31  
Mallipatna, Ashwin ..... 31  
Mandelcorn, Efrem ..... 45  
Manusow, Joshua S. ..... 35  
Mao, Alex ..... 44  
Marcoux, Sylvie ..... 27  
Margolin, Edward ..... 25  
Margolis, Todd ..... 20, 21, 34  
Markowitz, Samuel N. ..... 53  
Mashor-Shehadeh, Raneen ..... 35  
Mashour, Raneen S. ..... 53  
Matalia, Jyoti ..... 31  
Mather, Rookaya ..... 34, 35, 42, 53, 54  
Matta, Noelle S. ..... 25, 31, 47  
McGowan, Hugh ..... 29, 46

McKown, Bob ..... 53  
Meleth, Annal D. ..... 45  
Melki, Samir ..... 52  
Merayo, Jesus ..... 20, 29, 34, 35  
Merchant, Alefia S. ..... 31  
Meyer, Dominique ..... 43  
Micks, Taft ..... 46  
Mikelberg, Fred ..... 23  
Miller, Darlene ..... 42  
Millet, Ariane ..... 37  
Mintsioulis, George ..... 35  
Mireskandari, Kamiar ..... 53  
Mishra, Aditya ..... 25  
Mitchell, Robert J. ..... 54  
Moffat, Ashley ..... 44  
Mohamed, Abdolell ..... 37  
Molgat, Yvonne M. ..... 37, 38  
Morrow, Mark ..... 19, 25  
Mouradian, Mikael S. ..... 45  
Munger, Rejean ..... 45  
Muni, Rajeev H. ..... 44, 45  
Murphy, Paul H. ..... 53  
Murphy, Robert P. ..... 20, 44, 45  
Mutti, Gaganpal ..... 23  
Muzychuk, Adam ..... 54

N

Nabih, Mostafa H. ..... 46  
Najm-Tehrani, Nasrin ..... 31, 53  
Naresh, Vasudha ..... 31  
Nasser, Ziad ..... 23  
Nathoo, Nawaaz ..... 24  
Navajas, Eduardo ..... 46  
Nazemi, Fariba ..... 53  
Ndao, Momar ..... 53  
Newson, Timothy A. ..... 46  
Ng, Mancho ..... 24  
Nichols, Bruce ..... 43  
Nicolela, Marcelo ..... 22, 30  
Noble, Jason ..... 52

O

O'Connor, Michael ..... 36, 52  
O'Dorcic, Silvia ..... 46  
Osetreicher, Jamie ..... 37  
O'Keefe, Patrick ..... 54  
Oh, Mila ..... 46  
Olson, Randall J. ..... 42  
Ong-Tone, Lindsay ..... 42, 51  
Orton, Robert ..... 32  
Osborne, Lorraine ..... 27, 39  
Ospina, Luis ..... 37, 47  
Overbury, Olga ..... 54

# Index of Participants - Scientific program

## Liste des participants - programme scientifique

COS Annual Meeting and Exhibition  
Congrès et exposition annuels de la SCO

**Québec**  
2010

|                             |                |  |                |                               |                |
|-----------------------------|----------------|--|----------------|-------------------------------|----------------|
| Oystreck, Darren.....       | 47             | Rootman, Dan B. ....                       | 25, 54         | Stephenson, Gail.....         | 47             |
| P                           |                | Rootman, David S. ....                     | 29, 35, 53     | Stiles, Michael C. ....       | 22             |
| Pal, Bishwanath .....       | 44, 54         | Rootman, J. ....                           | 38             | Stuart, James I. ....         | 34             |
| Paluzzi, Daniel.....        | 52             | Roozitalab, Mohammad H. ....               | 53, 54         | Su, Ying .....                | 42             |
| Pan, Irene .....            | 42             | Roper-Hall, Gill .....                     | 47, 51         | Su, Zhuo .....                | 24             |
| Parliament, Matthew .....   | 38             | Rosser, Paul .....                         | 38             | Summers, Gail .....           | 53             |
| Patel, Praveen J. ....      | 54             | Rossi, Patrizia .....                      | 43             | Superstein, Roseanne .....    | 37             |
| Patel, Vivek .....          | 25, 38         | Roszman, David .....                       | 37, 38         | Sweeney, James.....           | 49             |
| Pavlin, Charles J. ....     | 46             | Roy, Francis .....                         | 34             | T                             |                |
| Payne, David .....          | 46             | Rubab, Shehla .....                        | 47, 53         | Talajic, Julia .....          | 52, 53         |
| Pe'er, Jacob .....          | 26, 41         | Rudnisky, Chris J. ....                    | 22, 24, 52     | Tam, Diamond Y. ....          | 42, 43         |
| Perez, Julio .....          | 43             | Ruiz, Luis A. ....                         | 34             | Tambe, Emmanuel .....         | 24             |
| Pezda, Matthew .....        | 44             | S  |                | Teichman, Joshua C. ....      | 38             |
| Piggot, Jacqueline R. ....  | 31             | Saheb, Hady .....                          | 46             | ten Hove, Martin .....        | 25, 32         |
| Pirbhai, Adnan .....        | 25, 32, 35     | Sansanayudh, Wiwan .....                   | 35             | Tennant, Matthew T. ....      | 22, 24, 45     |
| Pocrnich, Cady .....        | 54             | Sargeant, Michael .....                    | 32             | Ting, Jessica L. ....         | 22             |
| Podtetenev, Michel .....    | 43             | Saunders, Chad .....                       | 54             | Todani, Amit .....            | 52             |
| Pollock, Travis J. ....     | 32             | Savage, Melissa .....                      | 54             | Tokarewicz, Alexander C. .... | 35, 53         |
| Pop, Mihai .....            | 34             | Schaus, D. ....                            | 53             | Toren, Andrew.....            | 38             |
| Post, Joel .....            | 53, 54         | Schertzer, Robert.....                     | 49             | Torres, Carlos .....          | 25             |
| Powell, Julie .....         | 37             | Schwartz, Carol .....                      | 44             | Tourville, Éric .....         | 29, 46         |
| Powers, Janet.....          | 27             | Sexton, Briar .....                        | 47             | Trattler, William.....        | 29, 34, 41, 43 |
| Pribila, Jonathan .....     | 53             | Shahrzad, Sabah .....                      | 53             | Trope, Graham .....           | 22, 23         |
| Proulx, Stéphanie .....     | 35, 53         | Shao, Qing .....                           | 52, 54         | Tsai, James C. ....           | 22             |
| Punja, Karim .....          | 38             | Sharan, Sapna .....                        | 32             | Tsilou, Ekaterini .....       | 46, 54         |
| Q                           |                | Sharpen, Linda .....                       | 35, 53         | Tsui, Edmund .....            | 52             |
| Qian, Xin-ya C. ....        | 53             | Shehadeh-Mashor, Raneen .....              | 53             | Tucker, Nancy .....           | 37             |
| Qingyuan, Liang .....       | 54             | Sheidow, Thomas .....                      | 46, 54         | Tufail, Adnan .....           | 44, 54         |
| R                           |                | Sheidow, Tom .....                         | 29, 32, 44, 46 | Turcotte, Pierre .....        | 54             |
| Rabinovitch, Theodore ..... | 33, 34         | Sheng, Li .....                            | 52             | Tutay, Marcela .....          | 27             |
| Rafferty, John M. ....      | 33             | Shields, Carol .....                       | 46             | U                             |                |
| Rafuse, Paul .....          | 30             | Shoham, Nir .....                          | 23             | Uwamaliya, Jeanne D'Arc ..... | 35             |
| Rahman, Waheeda .....       | 44             | Shuaib, Ashfaq .....                       | 45             |                               |                |
| Rai, Amandeep S. ....       | 52             | Shukla, Shefalee .....                     | 35, 44         |                               |                |
| Ramsay, Tim .....           | 42             | Si, Francie F. ....                        | 42             |                               |                |
| Ramsey, Kevin .....         | 45             | Siebert, Lee .....                         | 32, 46, 54     |                               |                |
| Rastikerdar, Elham .....    | 54             | Silbert, David I. ....                     | 25, 31, 47     |                               |                |
| Rawlings, Nigel .....       | 44             | Simpson, E. Rand .....                     | 46, 52         |                               |                |
| Rhame, Elham .....          | 52             | Singh, Harmanjit .....                     | 53             |                               |                |
| Rhoades, William .....      | 44             | Singman, Eric L. ....                      | 25, 31, 47     |                               |                |
| Richardson, Susan .....     | 32             | Sloan, Brian .....                         | 38             |                               |                |
| Rinfret, Pascale .....      | 27             | Slomovic, Allan R. 20, 21, 29, 35, 41, 43, |                |                               |                |
| Ritenour, Rusty .....       | 50             | 53   |                |                               |                |
| Roberts, Steve .....        | 47             | Smith, Corey A. ....                       | 46             |                               |                |
| Robitaille, Johane M. ....  | 46, 53, 54     | Smith, Michael .....                       | 22             |                               |                |
| Rocha, Guillermo .....      | 29, 34, 43, 50 | Snyder, Michael E. 19, 35, 42, 43, 44, 51  |                |                               |                |
| Rodriguez, Amadeo.....      | 47             | Sogbesan, Enitan A. ....                   | 22, 52         |                               |                |
| Rogers, Ronan .....         | 52             | Sohn, Elliott .....                        | 54             |                               |                |
| Rohekar, Gina .....         | 25             | Sorensen, Tyler .....                      | 42             |                               |                |
| Romanchuk, Kenneth .....    | 47, 54         | Spitellie, Peter.....                      | 38             |                               |                |
|                             |                | Stein, Raymond .....                       | 43             |                               |                |
|                             |                | Steinbach, Martin .....                    | 21             |                               |                |
|                             |                |  |                | W                             |                |
|                             |                |  |                | Walker, Randy A. ....         | 37, 47, 53     |
|                             |                |  |                | Wallace, Karin .....          | 46, 54         |
|                             |                |  |                | Wallerstein, Avi .....        | 53             |
|                             |                |  |                | Walsh, Leah .....             | 53             |
|                             |                |  |                | Wan, Michael .....            | 23             |
|                             |                |  |                | Wang, Bing Q. ....            | 24             |
|                             |                |  |                | Wang, Hai .....               | 45             |
|                             |                |  |                | Wang, Qian Qian .....         | 46             |
|                             |                |  |                | Warrian, Kevin J. ....        | 54             |
|                             |                |  |                | Weaver, Richard G. ....       | 46, 54         |

|                         |                    |
|-------------------------|--------------------|
| Webb, Michael .....     | 39                 |
| Webster, Andrew R. .... | 54                 |
| Weis, Ezekiel .....     | 38, 45             |
| Williams, Charles ..... | 46, 54             |
| Williams, Geoff .....   | 36, 54             |
| Wong, Agnes .....       | 25, 47, 51         |
| Wong, David .....       | 29, 44, 45, 46, 54 |
| Wong, John .....        | 38                 |
| Wong, Vincent A. ....   | 37                 |
| Wong, Wai T. ....       | 45                 |
| Wu, Albert .....        | 38                 |

X

|               |    |
|---------------|----|
| Xu, Wei ..... | 46 |
|---------------|----|

Y

|                    |    |
|--------------------|----|
| Yan, David .....   | 30 |
| Yan, Peng .....    | 52 |
| Yau, Gary .....    | 46 |
| Yeun, Darana ..... | 52 |
| Yeung, Jacky ..... | 32 |
| Yeung, Sonia.....  | 36 |
| Yin, Vivian .....  | 52 |
| Yuen, Darana.....  | 22 |

Z

|                          |        |
|--------------------------|--------|
| Zackon, David .....      | 25, 48 |
| Zalish, Miriam .....     | 23     |
| Zborovski, Stephen ..... | 25     |
| Zhang, Alice Y. ....     | 46     |
| Zhao, Xu .....           | 45     |
| Zheng, Binyou .....      | 46, 54 |
| Zhou, Alysia .....       | 54     |
| Zhou, Jian .....         | 36     |
| Ziai, Setareh.....       | 27     |
| Zurakowski, David .....  | 22     |

## Exhibitors' Directory Répertoire des exposants



## Exhibition - Exposition

See the latest, most innovative products, services, technology and educational resources available from more than 30 ophthalmic companies. **This is the largest exhibition of its kind in Canada.** Join us in the Exhibition Hall for the Welcome Reception, lunch and refreshment breaks, and poster viewing.

This educational meeting could not be possible without the generous support of our exhibitors. Please take time to visit each exhibiting company.

### ***Viewing Schedule***

#### **Saturday, June 26 - Sunday, June 27**

0900-1700

#### **Monday, June 28**

0900-1330

Voyez les derniers développements en matière de services, de technologie et de sources de perfectionnement accessibles chez plus de 30 société ophtalmiques. **C'est la plus grande exposition du genre au Canada.** Joignez-vous à nous à la Salle d'exposition pour la Réception de bienvenue. Vous pourrez aussi prendre un casse-croute et des rafraîchissements tout en regardant l'exposition d'affiches.

Cette rencontre de formation n'aurait pas été possible sans le soutien généreux de nos exposants. Prenez le temps de visiter chacune des sociétés exposantes.

### ***L'horaire***

#### **Samedi 26 juin - Dimanche 27 juin**

0900-1700

#### **Lundi 28 juin**

0900-1330

## Exhibitor Information - Information des exposants

### ***Registration***

All company representatives participating in the exhibition must be registered. Only company employees or representatives who will staff the exhibit may be registered as exhibitor representatives. Exhibitor representatives not pre-registered must produce a business card showing their affiliation with the exhibiting company or be accompanied by a pre-registered representative. Any individual who would normally pay a fee to attend the exhibit may not register as an exhibitor.

### ***Inscription***

Les représentants de sociétés qui participent à l'exposition doivent tous s'inscrire. Seuls les employés ou représentants des entreprises qui formeront le personnel du kiosque peuvent être inscrits en tant que représentants de l'exposant. Ceux qui n'auront pas été inscrits à l'avance devront présenter une carte d'affaires attestant leur affiliation avec la société exposante ou être accompagnés d'un représentant déjà inscrit. Toute personne qui devrait normalement payer des frais d'admission ne peuvent pas s'inscrire comme exposant.

### ***Exhibitor Lounge***

COS is pleased to offer exhibitors the use of an exclusive lounge. This will be your space where you can take a break from the Exhibition Hall, grab a coffee and relax. For your convenience, all meals will also be served in this room.

### ***Bar salon des exposants***

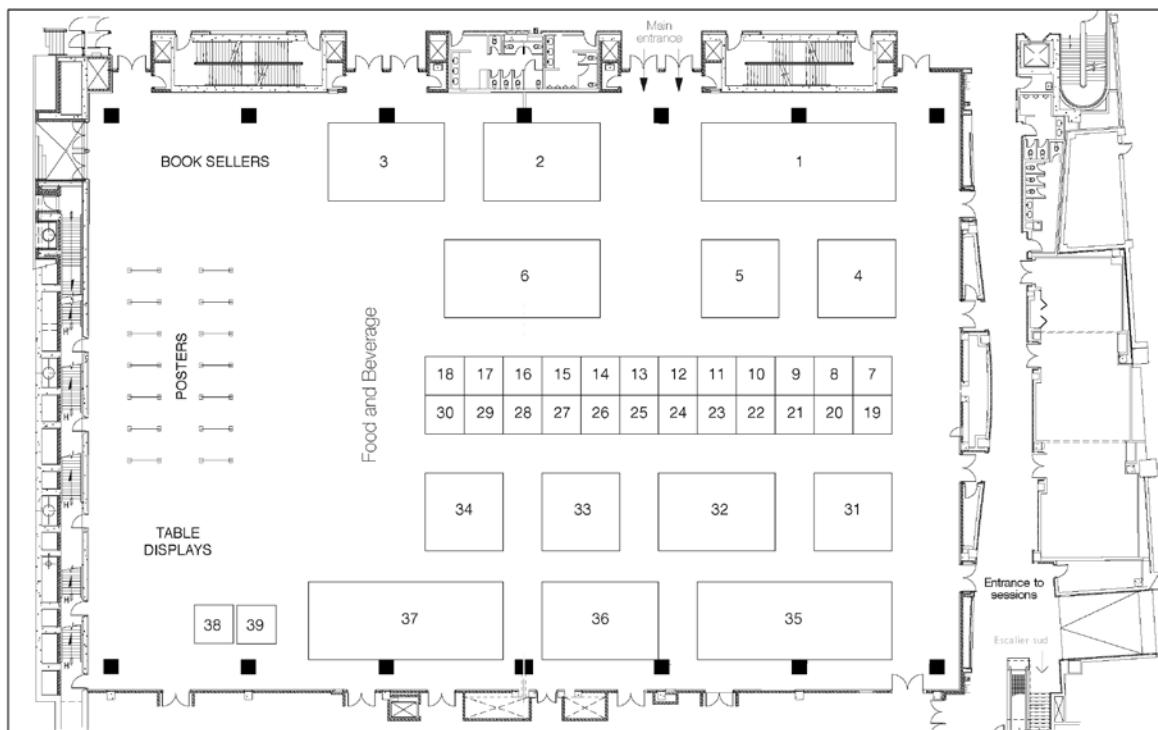
La SCO a le plaisir d'offrir aux exposants l'utilisation d'un bar salon exclusif. Ce sera pour vous un endroit où prendre une pause de la salle d'exposition, prendre un café et vous détendre. On y servira les repas à votre convenance.

Location: Solarium, level 3

Hours: 0800-1700

Endroit : Solarium, niveau 3

Horaire : 0800-1700



|   |       |  |     |
|---|-------|--|-----|
| <u>Abbott Medical Optics</u>            | 36    | <u>LEO Pharma Inc.</u>                           | 14  |
| <u>Alcon Canada Inc.</u>                | 6     | <u>mdBriefCase</u>                               | 26  |
| <u>Allergan, Inc.</u>                   | 1     | <u>MD Physician Services</u>                     | 22  |
| <u>Bausch &amp; Lomb Canada Inc.</u>    | 32    | <u>Medical Technology Service Providers Inc.</u> | 30  |
| <u>Canadian Health Systems</u>          | 27    | <u>Merck</u>                                     | 7-8 |
| <u>Canon Canada Inc.</u>                | 10    | <u>Novartis Pharmaceuticals Canada Inc</u>       | 3   |
| <u>Carl Zeiss Canada Ltd.</u>           | 2     | <u>Orasis Medical Technologies Inc.</u>          | 28  |
| <u>Clarion Medical Technologies</u>     | 37    | <u>Pacific Medical</u>                           | 9   |
| <u>Cutting Edge Surgical, Inc.</u>      | 33    | <u>Pfizer Ophthalmology</u>                      | 5   |
| <u>The Fresnel Prism &amp; Lens Co.</u> | 20    | <u>Precision Ophthalmic</u>                      | 11  |
| <u>Genzyme Canada</u>                   | 15    | <u>Revenue Canada Disability Tax Credit</u>      | 38  |
| <u>Good-Lite</u>                        | 23    | <u>Sacor Inc.</u>                                | 18  |
| <u>Ifa Systems Ag</u>                   | 29    | <u>Scican Inc.</u>                               | 39  |
| <u>I-MED Pharma Inc.</u>                | 4     | <u>Science With Vision Inc.</u>                  | 21  |
| <u>Innova Medical Ophthalmics</u>       | 31-35 | <u>Sigmacon</u>                                  | 16  |
| <u>Instrumentarium</u>                  | 19    | <u>Tecksoft</u>                                  | 24  |
| <u>Labtician Ophthalmics, Inc.</u>      | 12-13 | <u>Topcon Canada Inc.</u>                        | 34  |

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For more information, please visit the company's web site at [www.abbottmedicaloptics.com](http://www.abbottmedicaloptics.com) or for information on Abbott, visit [www.abbott.com](http://www.abbott.com).

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[CanadianBlindSports.ca](http://CanadianBlindSports.ca)

Canadian Blind Sports is a national network of 9 provincial member organizations that provide sport and recreation programming for Canadians who are blind or visually impaired. We organize Canada's National Goalball competitions, Paralympic Goalball Teams, coaching educating programs, and facilitate the sports **classification** system for athletes who are blind or visually impaired through a network of **ophthalmologists**.

**Classification** is the process where an athlete's level of vision is evaluated by a team of **ophthalmologists** so that athletes compete against others with a similar degree of disability. Canadian Blind Sports needs to recruit interested **ophthalmologists**; especially those of you specialize in low vision, to become classifiers across the country. We also hope that you will consider referring our services to your clients: our goal is the promotion of a healthy, active, lifestyle through sport and recreation.

Please visit Matt, Canadian Blind Sports Participation Director, at his table in the exhibitor hall for more information, and to find out how you can get involved!

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**Orasis Medical Technologies**

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Canada  
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Fax: 450 491-5365  
Contact: Vicky Ikonomou, [vicky@orasismedtech.com](mailto:vicky@orasismedtech.com)  
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Fax: 514-388-1545  
[www.precisioninc.ca](http://www.precisioninc.ca)

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Tel: 416.665.6616  
Fax: 416.665.8395  
[www.sigmacon.com](http://www.sigmacon.com)



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Montréal QC H1V 1G5  
Tel: 514.357.0876  
[www.tecksoft.com](http://www.tecksoft.com)



Tecksoft inc. is a developer of applications and solutions for the medical sector. Tecksoft inc. conceived and created a robust EMR for ophthalmology called EyeVu. This software facilitates the capture, processing and transmission of data from a variety of medical devices and medical records.

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### Topcon Canada, Inc.

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Tel: (800) 387-6768  
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Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive

Canadian Glaucoma Society  
Société canadienne du glaucome

Canadian Neuro-ophthalmology Society  
Société canadienne de la neuro-ophtalmologie

**Sociétés affiliées et Groupes d'intérêt particulier**

Canadian Society of Oculoplastic & Reconstructive Surgery  
Société canadienne de l'oculoplastie et de la chirurgie reconstructrice

Canadian Ophthalmic Pathology Society  
Société canadienne de la pathologie oculaire

Canadian Association of Pediatric Ophthalmology  
Association canadienne des ophtalmologistes pédiatriques

Canadian Retina & Vitreous Society  
Société canadienne de la rétine et du vitré

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Société canadienne de l'uvéite

Canadian Society for International and Public Health Ophthalmology  
Société canadienne de l'ophtalmologie internationale et de la santé publique

Comprehensive Ophthalmology  
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Vision Rehabilitation  
Déficience visuelle : la réadaptation

Surgical Teaching  
Enseignement de la chirurgie

**Allied Health  
Sociétés connexes de la santé**

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

Canadian Society of Ophthalmic Registered Nurses  
Société canadienne des infirmières et infirmiers en ophtalmologie

Canadian Orthoptic Society  
Société canadienne d'orthoptique