



Canadian Association of Pediatric Ophthalmologists Association canadienne des ophtalmologistes pédiatriques

Pediatric Ophthalmology & Strabismus Ophtalmologie pédiatrique et le strabisme

Tuesday, June 23 | 0800–0930 | Harbour B
Mardi 23 juin

Objectives - Objectifs

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

- assess when retinal diseases can be treated by gene therapy.
- describe the findings and treatment, when available, of congenital abnormalities of the retina and retinal pigment epithelium.
- describe new findings in various research topics: parainfectious optic neuritis, optic nerve hypoplasia, eye alignment and strabismus surgery, retinoblastoma, retinopathy of prematurity, persistent fetal vasculature, cobalamin-C disease and amblyopia.

À la fin de la session, les participants pourront :

- estimer quand les maladies de la rétine peuvent être traitées par thérapie génétique.
- décrire les données et le traitement, si disponible, des anomalies congénitales de la rétine et de l'épithélium pigmentaire rétinien.
- décrire les nouveaux résultats de diverses recherches topiques : névrite optique para-infectieuse, hypoplasie du nerf optique, alignement des yeux et chirurgie du strabisme, rétinoblastome, rétinopathie de prématurité, système vasculaire fœtal, déficience en cobalamine C et amblyopie.

Guest - Invité

Anthony Moore, MA, BM, BCH

Moderator - Animateur

Patrick Hamel

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| 0800 | Welcome
Patrick Hamel |
| 0801 | Gene therapy for childhood retinal disease
Anthony Moore |
| 0821 | Discussion |
| 0827 | Does chemotherapy prior to enucleation alter recognition of optic nerve and choroid invasion in late stage retinoblastoma eyes?
Junyang Zhao, Xiaolin Xu, Bin Li, Jitong Shi, Dongsheng Huang, Brenda Gallie |
| 0834 | Discussion |
| 0840 | Achieving national consensus for Canadian Guidelines for Retinoblastoma Care
Helen Dimaras, Nataly Weizblit, Peggy Gronsdahl, Robert R. Downie, Brenda L. Gallie, Cynthia Lank |
| 0847 | Discussion |

0853 | Long-term visual outcome of cobalamin-C disease and other remethylation disorders
Robert Gizicki, Jaqueline Orquin, Luis H. Ospina

0900 | Discussion

0906 | Treatment of amblyopia using macular stimulation with telescopic magnification
Johnny Wu, Fariba Nazemi, Agnes Wong

0913 | Discussion

0919 | What is the prevalence of amblyopia in children living in at-risk Toronto communities?
Theodore Christakis, Matthew Schlenker, Rosa M. Braga-Mele

0926 | Discussion

0930 | Break

Tuesday, June 23 | 1245–1700 | Harbour B
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1245 | The Canadian Paediatric Surgical Wait Times Project (CPSWT)
Rena Menaker, G. Robert LaRoche

1330 | Comparing a traditional single optotype visual acuity test with a computer based visual acuity test for childhood amblyopia vision screening
Matthew B. Schlenker, Theodore J. Christakis, Rosa M. Braga-Mele

1337 | Discussion

1343 | Defining the critical period for smooth pursuit development in infant primates: Effects of binocular decorrelation
Kim T. Le, P. Foeller, D. Bradley, L. Tychsen, A. M. Wong

1350 | Discussion

1356 | Congenital abnormalities of the retina and retinal pigment epithelium
Anthony Moore

1416 | Discussion

Short poster presentations

1422 | Comparison of ocular and systemic findings in children with unilateral and bilateral optic nerve hypoplasia
Linda Cooper, William F. Astle, Kenneth G. Romanchuk



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- 1434 | The advantages of the short adjustable suture for both adult and pediatric strabismus
Andrew Budning, Cathie Day, Alphonse Nguyen
- 1440 | Defining the critical period for eye alignment development in infant primates: Effects of binocular decorrelation
Kay Lam, Paul Foeller, Dolores Bradley, Lawrence Tychsen, Agnes M. Wong
- 1446 | Chronic progressive external ophthalmoplegia: Diagnosis and management
Michael Flanders, Mahshad Darvish, Jella Angela An
- 1452 | Surgery for persistent fetal vasculature: Outcomes and prognosis
Hannah Chiu, Peter Kertes, Wai-Ching Lam
- 1500 | Break
- 1530 | Comparison of incidence of retinopathy of prematurity between conventional oxygen therapy and strictly controlled blood oxygen level
Reza Karkhaneh, Mohammad Riazi-Esfahani, Yousef Alizadeh, Mliheh Kadivar, S. Zeinab Mousavi, Ramak Rouhipour, Mehdi Nili Ahmad Abadi, Laila Ghalichi, Fateme Nayeri, Shahin Behjati, Paymaneh Alizadeh Taheri
- 1536 | Fluorescein angiographic features of severe Retinopathy of Prematurity
Nasrin N. Tehrani, Cynthia VandenHoven
- 1542 | Photoleukocoria study: Encouraging the early detection of retinoblastoma
Mallipatna C. Ashwin, Helen Dimaras, Cynthia VandenHoven, Lindsay Hampton, Maria Pezzente, Brenda L. Gallie
- 1548 | Case presentations
Jane Gardiner
- 1615 | Business meeting