



"MINOR" BRAIN MORBIDITIES PREDICT FUTURE DIFFICULTIES



Pre-term children with "minor" brain injuries are difficult to detect through composite assessments, and "they're not that easily assessed until the child is practically in school," she said.

Dr. Steven Miller, Associate Professor of Paediatrics at the University of British Columbia, said new methods of measuring brain development in premature newborns enable paediatric neurologists to move from qualitative brain imaging to more quantitative measures.

Dr. Miller showed axial brain images from a baby born in Vancouver at 28 weeks gestation captured at two and nine weeks of age. "A really incredible amount of brain development occurs over the period in which we care for babies in the IC nursery," he said. "The challenge is how to allow this process to occur as normally as possible."

The advent of more sophisticated imaging enables practitioners to move beyond cerebral palsy as the outcome of prematurity and look at the more subtle, widespread impacts of premature birth, Dr. Miller said. He noted that 30% of babies have some degree of white matter injury, and neurodevelopmental deficits increase in step with the burden of white matter spots.



CPS Silent Auction Tops \$3,500

The Canadian Paediatric Society wishes to thank everyone who placed a bid at Tuesday afternoon's silent auction. The auction raised \$3,735 for The Faith Based Initiative, a multi-denominational, community-based organization that serves two state hospitals in Johannesburg, South Africa—The Rahima Moosa Mother and Child Hospital and the Helen Joseph Hospital.

The CPS also extends thanks to Tourism Vancouver and their partners for their generous donation of prizes.

Journal Club: Changing Perspectives on Common Problems

The popular Goldbloom Book Club will be held Thursday afternoon in Salons 2 and 3 from 1530-1815. The Journal Club session highlights articles that have had the biggest impact on the management of child and youth health.

"We present articles on controversial and unresolved topics to shed new light on them—and we do so in an engaging way," said Dr. Richard Goldbloom, chair of the Journal Club.

"The Journal Club gives me what I need to know in a simple and straightforward, and very funny manner," said presenter Dr. Ran Goldman, Senior Associate Clinician Scientist at the Child and Family Research Institute (CFRI) and associate professor in the Department of Paediatrics at B.C. Children's Hospital.

From the thousands of medical papers published each month, Dr. Goldman and co-presenter Dr. Andrew Lynk of Cape Breton Regional Hospital select eight to 10 for presentation at the club. It is "an interesting challenge to find a provocative study that gets people talking and debating," Dr. Lynk said.

"We always try to find studies that are surprising and challenge the status quo," said Dr. Goldman.

For example, provocative papers this year include new research on bronchiolitis and a study on improving diagnostic reasoning skills.

Participants can expect ample time for vigorous discussion and debate. Dr. Lynk said he always enjoys the fresh insights offered by colleagues in the audience during the discussion period.

"The ultimate goal is to change the perspective of every paediatrician for the better," said Dr. Goldbloom.

More than the Average Trade Show

If you haven't set aside time to tour the conference trade show, consider taking another look at your calendar.

The show "is an integral part of the conference, because we do need the funding," said Wendy Eligh, CPS Annual Conference Manager.

Moreover, exhibitors deliver educational value. "It gives paediatricians a first look at new products that will give them a leg up to deliver better services faster."

This year's show features a series of raffle gifts including a draw for two air tickets to anywhere in North America with Air Canada.

Today's Highlights

(See program for location details)

Lunch with Exhibitors

Don't miss out on the latest in paediatric research:

- Platform Abstract Presentations B & C (1330)
- Poster Sessions 3 & 4 (0800 & 1200)

Platform Abstract Presentations B & C Concurrent Roundtable Discussions (1330)

Integrated care beyond the office
Education

Goldbloom Journal Club (1530)

Includes Reach for the Top: Best 2010 Resident Abstracts, the winners of the Trainee Clinical Case Competition and Best Resident Papers in Canada

Social Fun Night (1900)

Dinner at the Vancouver Aquarium



Help Desk

Registration

Located on the Bayshore Ballroom Foyer
Open 0700-1700

Conference Office (Thompson Room)

Open 0800-1700, Monday to Saturday
Child Care Services (Prospect Room)
Open 0630-1830

Delegates may arrange child care by contacting Kiddiecorp at 858-397-8909.

Internet Café

An Internet café is available on the Stanley Park Foyer (2nd level). Please limit your time to 10 minutes during busy periods.

Speaker Handouts (Chehalis Room - 2nd level)

Open 0800-1700

Delegates can print and download speaker handouts they require.

Session Pre-registration

Pre-registration is required for roundtable discussions and co-developed symposiums only. Non-registered delegates will be admitted 10 minutes after the session starts. There is no advance selection for seminars and workshops.

Media Room (Fraser Room)

Staff will be available to assist journalists from 0900-1700, Saturday from 0900-1200.

50% Off Membership!

Attention non CPS-members: Join the CPS during the annual conference and receive 50% off membership dues for 2010. Visit the CPS booth for more information.

BOOK DRIVE

Help support literacy for children and youth in Vancouver. Donate a new children's book to this year's book drive. Books will be collected at the CPS publications booth and will be donated to the One to One Literacy Society in Vancouver.



STAY CURRENT: WORKSHOPS ADDRESS INTERNET IMPACTS, AIRWAY SKILLS

As the Internet and other electronic communication technologies play an increasing role in the lives of today's youth, health care workers must clearly understand the real impact of these technologies, say Drs. Mark Norris and Clare Gray, co-presenters of a Thursday morning workshop. Children and youth spend a staggering amount of time text messaging and interacting via computers and it's important to separate myth from fact.

"We will be discussing the associated risks and benefits of these applications on youth from a developmental standpoint," said Dr. Norris. Risks include "Internet addiction" and associated mental and physical health issues, while recognized benefits can include improved ability for multi-tasking, as well as opportunities for online education and personal connections.

This interactive session aims to raise awareness and educate physicians on topics such as cyber bullying, to enable them to engage and interact with youth.

A Thursday afternoon workshop will offer participants a hands-on opportunity to refresh basic airway skills and to learn fundamental airway management. Airway issues arise with low frequency but high acuteness, underlining the importance of a refresher in this area, noted Dr. Angelo Mikrogianakis, workshop facilitator, who will lead the workshop alongside Dr. Vincent Grant, Dr. Jonathan Guilfoyle, and Dr. Stephane Malherbe.

Presenters will use mannequins to demonstrate and practice airway management for children in acute and stressful situations, and will make some high-fidelity equipment—such as simulators and respirators—available for practice. "Physicians will pick up many pointers," said Dr. Mikrogianakis.

"The workshop offers practical advice from experts in a welcoming and non-threatening environment."

Question of the Day

"What is the differential diagnosis of acute binocular blindness in a child?"



To find the answer, visit the Trainee Clinical Case poster located in the Stanley Park Foyer (2nd level).

CONGRATULATIONS TO NEW PAEDIATRICIANS

The Canadian Paediatric Society congratulates all members who received their paediatric certification in 2009 and 2010.

We look forward to your involvement with CPS.



Canadian Paediatric Society



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