



BC Pediatric Society Advances 2009

Friday, November 6th, 2009

PLENARY SESSION

Osman Ipsiroglu, MD, FRCPC
Division of Developmental Pediatrics
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and

Les Matthews, RT, Associate Professor Allied Health, Thompson Rivers University

Topic:

Paediatric Sleep Assessment - A Community Based Approach

Learning Objectives:

At the end of this session, participants will have reviewed:

- how cultural background affects our perceptions and understandings re sleeping
- the burden of sleep difficulties resulting from missed clinical diagnosis;
- clinical and technology based screening instruments which could be used to identify sleep problems in the community setting;
- the pros and cons of home based sleep studies;
- possible strategies how to optimize decision making.

Breakout Session 1

Elizabeth Tan Rosolowsky, MD, MPH, FAAP
Division of Endocrinology
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Topic:

The Provincial Pump Program

Learning Objectives:

- Understand Pharmicare's role in supporting insulin pump therapy for youth with insulin-dependent diabetes.
- Understand the potential benefits of insulin pump therapy on diabetes-related health outcomes in children.
- Trouble-shoot some of the more common problems encountered with insulin pump therapy.
- Appreciate the adjunctive use of continuous glucose monitoring in insulin pump therapy.

Breakout Session 2

Dina Panagiotopoulos, MD, FRCPC
Division of Endocrinology
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Topic:

Metabolic Effects of Atypical Antipsychotics in the Pediatric Population

Learning Objectives:

- To review the epidemiology of atypical antipsychotic prescribing practices worldwide
- To review the literature on metabolic effects of atypical antipsychotics in pediatrics
- To present a proposed protocol for metabolic monitoring in pediatrics
- To discuss management strategies in this population



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Breakout Session 3

Kevan Jacobson, MD, FRCPC
 Division of Pediatric Gastroenterology
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Topic:

Biological therapies and Pediatric IBD: Are we there yet?

Learning Objectives:

1. Overview of IBD presentation in children
2. Overview of biological agents used in pediatric IBD
3. Approach to use of biological therapy in pediatric IBD

Breakout Session 4

Richard Schreiber, MD, FRCPC
 Division of Pediatric Gastroenterology
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Topic:

Biliary Atresia in Canada: The timing needs a changin’

Learning Objectives:

1. Understand the clinical phenotypes of biliary atresia
2. Provide a practical approach to the diagnosis of biliary atresia.
3. Review the currently published outcomes for biliary atresia in Canada and highlight the problem of delayed diagnosis.
4. Discuss strategies to optimize the delivery of timely care to Canadian patients with biliary atresia.

PLENARY SESSION

Speaker - to be announced

Topic:

RSV and Steroids

Learning Objectives:

To be announced

Reception and Speaker

Carlo Marra, MD

Value for money in health care decision-making

To provide an overview of the role of health technology assessment in assisting in reimbursement decisions and to illustrate the concept of assessing value for money for new healthcare technologies.



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Saturday, November 7th, 2009

Presentation Breakfast Sponsored by Child Health BC

Topic:

Social Pediatrics - An interdisciplinary and community approach

Speakers:

Dr. Christine Loock and Ms. Lorine Scott

Learning Objectives:

To be announced

PLENARY SESSION - Genetics Panel

Barbara McGillivray, MD, FRCPC

Department of Medical Genetics

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Topic:

Genetic Mechanisms - More than Single Gene

Learning Objectives:

1. review chromosomal and single gene mechanisms of inheritance
2. review additional mechanisms including uniparental disomy, imprinting, microdeletions and duplications, with clinical examples
3. review genetic diagnostics

and

Suzanne Lewis, MD, FRCPC

Department of Medical Genetics

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Topic:

Clinical Genetic Clues to the Origins and Outcomes of Autism Spectrum Disorders

Learning Objectives:

1. To recognize common clinical genetic contributors underlying Autism Spectrum Disorders (ASDs).
2. To understand "whole body" clinical manifestations of ASDs- behavioural, developmental, physical and syndromic.
3. To understand the concept of clinical endophenotyping for earlier identification of ASD causes and susceptibility.
4. To become familiar with the clinical, cytogenetic and molecular genetic approaches to the study of the ASDs and their applications for improving outcomes of persons and families living with autism.

and



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Michael Kobor, MD, FRCPC
Molecular Medicine and Therapeutics
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Topic:

Epigenetic Variation and its Impact on Human Health and Disease

Learning Objectives:

- To understand the biological basis of epigenetics
- To appreciate the extent and causes of epigenetic variation in human populations
- To learn about functional consequences of epigenetic modifications created by different environments
- To recognize the technologies available for inclusion of epigenetic studies into clinical research

Breakout Session 5

Peter Skippen, MD, FRCPC
Division of Critical Care
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Topic:

PICU in 2009 Confronting H1N1 Influenza:

Learning Objectives

Learning Objectives:

- 1) viral illness remains the most common cause of acute respiratory failure for children
- 2) H1N1 influenza appears to present with the usual viral syndromes in children
 - a) Pneumonitis
 - b) Bronchiolitis
- 3) unusual presentations have been seen: shock/diarrhoea
- 4) advances in pediatric critical care over the past 5 years have improved the care we can deliver
 - a) transfusion thresholds have changed
 - b) respiratory support has expanded from noninvasive ventilation to ECLS
 - c) targets have changed - avoid normal
 - d) interventional radiology
 - e) ultrasound placement of CVL
 - f) bedside placement of NJ tubes - minimal TPN
- 5) pediatric critical care is risky business
 - a) nosocomial infections
 - b) communication and handovers
 - c) medication errors
 - d) nursing realities - aging population/shortage

Breakout Session 6

Joseph Lam, MD, FRCPC
Department of Pediatrics & Dermatology
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Topic:

Practical Pediatric Dermatology Pearls for the Practitioner

Learning Objectives:

- 1) To recognize common pediatric dermatological conditions
- 2) To review advances in diagnosis and treatment of various pediatric dermatological diseases
- 3) dermatological diseases



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Lunch and AGM

PLENARY SESSION

Monika Naus, MD, FRCPC
BCCDC
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Topic:

What's new in childhood and adolescent immunization?

Learning Objectives:

1. to report on "lessons learned" from the first year of the HPV vaccine program in BC that will be helpful the BC parents
2. to get updated on recently and soon to be available new vaccines for children and adolescents in BC (e.g., rotavirus, A/H1N1 influenza, conjugate meningococcal)
3. to refresh understanding of new policies for 'old' vaccines for children and adolescents in BC (e.g., Infanrix hexa, conjugate meningococcal, mumps)

Breakout Session 7

Sylvia Stockler, MD, FRCPC
Department of Biochemical Diseases
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Topic:

Treatable inborn errors of metabolism

Learning Objectives:

Learn about inborn errors of metabolism causing mental retardation, epilepsy and movement disorders learn about their clinical presentation and diagnosis
learn about prevention through causal treatments and outcomes
(as examples I will present cases from our clinic with vitamin B6 dependent epilepsy, creatine synthesis defects, and neurotransmitter disorders).

Breakout Session 8

Joseph Lam, MD, FRCPC
Department of Pediatrics & Dermatology
Joseph.mc.lam@gmail.com

Topic:

Infantile hemangiomas: advances in understanding and treatment

Learning Objectives:

1. To review our understanding of the cellular origin of infantile
2. hemangiomas
3. To highlight recent research advances in infantile hemangiomas
4. To detail the use of oral propranolol in infantile hemangiomas



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PLENARY SESSION

Ken Poskitt, MD, FRCPC
Department of Radiology
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and

Linda Huh, MD, FRCPC
Department of Neurology
lindahuh@yahoo.com

Topic:

Imaging Pediatric Pts. With Seizures

Learning Objectives:

- Familiarize yourself with the role of CT and MR in structural evaluation
- Understand the role of functional evaluation including EEG, MEG, nuclear medicine, MRS, AND fMRI

Topic:

A Pediatric Imaging Research Center: Who benefits?

Learning Objectives:

- Familiarize yourself with the CFI grant funded project now underway at BCCH.
- Outline how you can contribute or participate