

## Children's Hospital Paediatric Update Conference Wednesday, September 25<sup>th</sup>, 2024 Best Western Lamplighter Inn

**Moderators: Rahul Ojha, Jag Brar, Sepideh Taheri**

By the end of this conference participants will be able to:

- Identify a range of common clinical conditions and associated medical challenges in paediatrics
- Identify innovative medical tools and applications to enhance paediatric and clinical care
- Use appropriate evidence-based guidelines and recommendations to diagnose and implement treatment strategies for delivering safe, effective patient- centered care

0800-0830		<b>Breakfast &amp; Registration</b>	
0830-0840	Welcome Notes and Opening Remarks	<b>Dr. Rahul Ojha &amp; Dr. Craig Campbell</b>	
0840-0910 Q&A 0910-0920	Paediatric Emergency Medicine – Quick hits	<b>Dr. Sheena Belisle</b>	
0920-0950 Q&A 0950-1000	Choosing wisely: Tests and Treatments you should think twice about	<b>Dr. Sepideh Taheri</b>	
1000-1030 Q&A 1030-1040	Interesting cases in Paediatrics	<b>Dr. Breanna Chen</b>	
1040-1055	<b>BREAK</b>		
1055-1125 Q&A 1125-1135	New guidelines and trends in CMV and syphilis	<b>Dr. Michelle Barton Forbes and Leah Ethier</b>	
1135-1225 Q&A 1225-1235	Audience Interactive Session: Paediatric Brain Teasers Emergency Medicine General Paediatrics	<b>Dr. Gurinder Sangha Dr. Sepideh Taheri</b>	
1235-1345	<b>LUNCH</b>		
1345-1700	<b>BREAK-OUT SESSIONS</b>		
	<b>Room 1</b>	<b>Room 2</b>	<b>Room 3</b>
1345-1415 Q&A 1415-1425	Golden Moments – Insights and strategies for paediatric jaundice and liver health <b>Dr. Andreanna Zizzo</b>	Neonatal emergencies – what to know & when to refer in <b>Dr. Anita Cheng</b>	Kawasaki presentation, evaluation, management and F/U <b>Dr. Jonathan Park</b>
1425-1430	<b>MOVE TO NEXT ROOM</b>		
1430-1500 Q&A 1500-1510	Disordered eating: General Paediatrics office-based approach and management <b>Dr. Renee Pang</b>	Tricky ECG – Findings that matter and how to manage them and when to refer <b>Dr. Marisha McClean</b>	Is this seizure? What next. <b>Dr. Andrea Andrade</b>
1510-1515	<b>MOVE TO NEXT ROOM</b>		
1515-1545 Q&A 1545-1555	Update in the management of growth faltering: Outpatient and inpatient perspectives <b>Dr. Elise Lu and Dr. Mia Sethna</b>	Review of complicated pneumonia and requirements for a chest tube insertion/management in children <b>Dr. Jag Brar and Anwaar Aldaher</b>	Drug, bug or none of the above. An approach to adverse drug reactions in children <b>Dr. Blanca DelPozza-Magana</b>
1555-1600	<b>MOVE TO NEXT ROOM</b>		
1600-1630 Q&A 1630-1640	Approach to rickets in community <b>Dr. Funmbi Babalola</b>	Comprehensive sexual health care for adolescents <b>Dr. Lisette Yorke</b>	Approach to the Management of The Gender Diverse Paediatric Patient <b>Dr. Robert Stein</b>
1640-1700	<b>Evaluations</b>		<b>Dr. Rahul Ojha</b>

25% of this program is dedicated to physician interaction

## Children's Hospital Paediatric Update Session Specific Learning Objectives

### Paediatric emergency medicine quick hits – Dr. Sheena Belisle

1. Review the differential diagnosis of the limping child
2. Identify red flags in the evaluation of the limping child
3. Review management of non-urgent presentations of the limping child

### Choosing wisely: tests and treatments you should think twice about – Dr. Sepideh Taheri

1. Choose Wisely based on recommendations to reduce unnecessary tests and treatments in children
2. Describe available resources to help implement Choosing Wisely recommendations
3. Provide information to colleagues on wider participation of healthcare professionals in Choosing Wisely initiatives

### Interesting cases in Paediatrics –Dr. Breanna Chen

1. Review and discuss atypical or rare clinical presentations of paediatric disease
2. Appraise the process of making a difficult diagnosis
3. Describe an approach to managing challenging paediatric cases

### New guidelines and trends in CMV and syphilis – Dr. Michelle Barton Forbes and Leah Ethier

#### Part 1

1. Describe recent surge in syphilis and review potential contributors
2. List new guideline and summarize key approach
3. Describe importance of PH reporting, antenatal syphilis screening (modified by risk) and maternal point of care testing

#### Part 2

1. Describe the experience of ON universal screening program in West region: 2019-2024
2. Highlight expanded screening beyond DBS (rollout of saliva testing)
3. List new approaches to treatment of moderate to severe CMV and SNHL

### Brain teaser – Dr. Gurinder Sangha; Emergency Medicine and Dr. Sepideh Taheri; Paediatric Academic Medicine

1. Review and discuss challenging cases in Emergency Medicine and General Paediatrics
2. Appraise how the diagnosis was made
3. Evaluate the approach to managing these Emergency Medicine and General Paediatrics challenging cases

### Golden Moments – Insights and strategies for paediatric jaundice and liver health – Dr. Andreeanne Zizzo

1. Describe an evidence-based approach to neonatal jaundice
2. Have a clear approach to jaundice in the older child and adolescent
3. Describe the role of cholestasis in the development of pruritis.

### Neonatal Emergencies – What to know & when to refer in – Dr. Anita Cheng

1. Describe the approach to acute collapse in the newborn
2. List approach to abdominal emergencies in the newborn
3. Describe approach to neurological emergencies in the newborn

### **Kawasaki presentation, evaluation, management & F/U – Dr. Jonathan Park**

1. Describe the clinical presentation of Kawasaki Disease (KD) including severe complications of KD and identifying patients at higher risk for coronary artery abnormalities.
2. Recognize when situations require different management beyond IVIG and ASA.
3. Review important considerations when discharging a patient with KD.

### **Disordered eating: General Paediatrics office-based approach & management –Dr. Renee Pang**

1. Review screening tools for eating disorders in a general paediatric
2. Discuss common pitfalls in managing disordered eating in children and adolescents.
3. Describe principles to implement office-based management

### **Tricky ECG - Findings that matter and how to manage them and when to refer – Dr. Marisha McClean**

1. Brief review of a practical approach to the pediatric ECG interpretation.
2. Review a series of ECGs and identify the tricky/high risk features of the ECGs.
3. Discuss when to manage conservatively vs when a cardiology referral is required.

### **Is this seizure? What next. - Dr. Andrea Andrade**

1. Recognize the most common paroxysmal events in children
2. Differentiate between epileptic and non-epileptic events in paediatrics
3. Review the diagnosis of epilepsy and the utility of ancillary testing in children

### **Update in the management of growth faltering: Outpatient and inpatient perspectives – Dr. Elise Lu & Dr. Mia Sethna**

1. Define growth faltering and give criteria for outpatient follow up vs inpatient admission
2. Assess the available literature on underlying etiologies for growth faltering and the utility of laboratory work-up.
3. Develop a strategy for management of growth faltering in outpatient and inpatient settings.

### **Review of complicated pneumonia and requirements for a chest tube insertion/management in children – Dr. Jag Brar & Anwaar Aldaheer**

1. Review and describe the latest literature/guidelines in place for insertion of chest tubes in children
2. Review the management of chest tubes inserted for parapneumonic effusions in children
3. Review and describe when fibrinolytic therapy may be required in parapneumonic effusions in children.

### **Drug, bug or none of the above. An approach to adverse drug reactions in children – Dr. Blanca DelPozza-Magana**

1. Describe the relevance of adverse drug reactions (ADRs) in Children
2. List diagnostic challenges in the evaluation of possible ADRs
3. Review the most common and serious ADRs developed in children

### **Approach to rickets in community – Dr. Funmbi Babalola**

1. Describe a diagnostic approach for presentation of rickets
2. Discuss the utility of phosphate in the differential diagnosis of Rickets and the importance of CALIPER and age/sex adjusted phosphate
3. Review common etiology of Rickets (Vitamin D deficiency Rickets/Nutritional Rickets) and rare etiologies of Rickets (X-linked Hypophosphatemic Rickets, Hypophosphatasia, 1-25 Vitamin D deficiency Rickets)
4. Review the management of Rickets

**Comprehensive sexual health care for adolescents – Dr. Lisette Yorke**

1. Provide framework for discussing sexual health with adolescents (7 P's approach)
2. Review importance of trauma-informed approach and special considerations for LGBTQ2SA+ populations
3. Discuss STI screening, treatment, and contraception recommendations for Adolescents

**Approach to the Management of the Gender Diverse Paediatric Patient – Dr. Robert Stein**

1. List the diagnostic criteria for transgender and gender non-conforming patients
2. Review the gender-affirming approach to care
3. Review medical options available for transgender and gender non-conforming patients

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This program has received an educational grant or in-kind support from:

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