

2025 Pediatric Infectious Disease Conference Titles & Objectives

Overall course objectives:

1. Provide an update on Pediatric Infectious Disease
2. Identify and develop an approach to common infectious diseases and immunization concerns.
3. Provide a forum for exchange of information relevant to infectious diseases for pediatricians, family physicians, residents and allied health professionals.

Overall learning objectives:

By the end of this session / course /activity participants will be able to

1. Summarize updates on Pediatric Infectious Disease
2. Identify and develop an approach to infectious disease and immunization concerns.

COVID 19 Infection In Pediatrics: Past, Present and Future

Dr. Pham-Huy

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

1. Describe the current epidemiology and clinical features of Covid-19 infection in children and youth
2. List current recommendations for Covid-19 vaccines in pediatrics
3. Summarize the potential clinical impact of Covid-19 infection in children and youth

Chancres and snuffles and pseudoparalysis, oh my!! A Review of Congenital Syphilis in Canada

Dr. Brophy

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

1. Describe the evolving epidemiology of syphilis in Canada and its impact on congenital syphilis
2. Recognize the presentation of early and late manifestations of congenital syphilis
3. Outline the diagnosis and treatment of congenital syphilis

Vaccines in the Immunocompromised

Dr. Murguia-Favela

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

1. Outline how vaccine recommendations change according to type and level of immunocompromise
2. List common immunocompromising conditions and vaccination recommendations
3. Highlight new advances and changes to allow for some live vaccines in immunocompromising conditions

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Titles & Objectives

Challenging Cases

Dr. Danah Alsharrah and Dr. Yara Falatah

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

1. Discuss the case clinical presentation and the usual approach for such presentation
2. Explore the infectious diagnostics pertinent to the case
3. Outline the management options and the most recent guidelines and recommendations

Re-emerging Infections

Dr. Top

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

1. Discuss trends in measles epidemiology and the risk for children in Canada
2. Describe an approach to fever and rash in the underimmunized child and when to investigate for measles
3. Describe trends in congenital syphilis infection in Canada
4. Discuss an approach to interpretation of perinatal syphilis serology in a mother and newborn and management of the infant

How To Recognize Primary Immunodeficiency In A Community Setting

Dr. Murguia-Favela

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

1. Review pertinent components of history and physical examination that would highlight inborn errors of immunity
2. Outline an investigative approach to inborn errors of immunity
3. Recognise life threatening presentations of inborn errors of immunity and review when such children need to be assessed in the emergency department

Vaccine Pipeline: A Focus on Pneumococcus, HPV, RSV

Dr. Pham-Huy

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

1. List the different approaches to preventing RSV disease in infants and young children.
2. Review the new HPV vaccine recommendations
3. Discuss meningococcal vaccines with patients and families
4. Learn how to optimize pneumococcal vaccination for high-risk children and youth

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Hot Rashes - Rash With Fever and Emerging Infectious Skin Diseases

Dr. Ramien

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

1. Use morphology to generate a Ddx
2. Identify common infections that cause rash and fever
3. Identify emerging infections that cause rash and fever

Skin Detectives: Clues To Common Skin Infections

Dr. Ramien

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

1. Recognize key features on history that suggest skin infection
2. Identify signs of common skin infections
3. Confirm and manage common skin infections

STAT ID Calls / Consultations – Dr. Top

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

1. Describe an approach to management of bite wounds in a child and antimicrobial prophylaxis
2. Discuss the management of needlestick injuries in children
3. Describe common presentations of Lyme disease in children and indications for prophylaxis
4. Describe resources available to support the pediatrician or primary care provider in managing infectious disease concerns including when to wake up Peds ID!

Pediatric TB Update – Dr. Brophy

What's new in the world of pediatric TB?

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

1. Describe the epidemiology of pediatric tuberculosis in Canada and globally
2. Distinguish between latent tuberculosis infection and TB disease
3. Summarize new treatment approaches and products for latent and active TB infection
4. Recognize when there is TB infection in your patients

Infectious Disease Jeopardy

Dr. Danah Alsharrah and Dr. Yara Falatah

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

1. Experience learning in infectious disease via gamification in medical education