



North American Society of Obstetric Medicine

2019 ANNUAL CONFERENCE

PROGRAM



March 29-30th

Marriott Pinnacle Downtown Hotel

Vancouver, BC

Pregnant women with complicated medical disorders often constitute a real challenge for clinicians. Diagnostic tests may have to be modified or interpreted differently and therapeutic options are constrained by concerns for fetal safety. The North American Society of Obstetric Medicine Annual Meeting focuses on the diagnosis and management of medical disorders in pregnancy, and emphasizes the importance of a multidisciplinary approach to the care of this complex and unique population.

Scientific Committee:

Chair: Dr. Michèle Mahone
Dr. Nadine Sauvé
Dr Meena Kandelwal
Dr Tabassum Firoz
Dr Jayson Potts
Dr Wee-Shian Chan

Meeting Organizing Committee:

Chair: Dr. Michèle Mahone
Scientific Direction: Dr. Nadine Sauvé

Abstracts Graders:

Dr. Gillian Ramsay
Dr. Courtney C Bilodeau
Dr. Jose Antonio Rojas Suarez
Dr. Lindsay Porteous
Dr. Buck Bania
Dr. Sophie Grand'Maison
Dr. Tanya Melnik
Dr. Tabassum Firoz
Dr. Jayson Potts

CME Accreditation :

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada. This activity was approved by the Canadian Society of Internal Medicine.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Friday March 29, 2019

7:00-8:15 **Breakfast**

8:30-8:40 **Welcoming Address – NASOM President**

Moderators: Dr. Nadine Sauvé and Dr. Jayson Potts

8:40-9:30 ***Genetics in the Next Decade***
Dr. Millan Patel

At the end of the conference, the participant will be able to:

1. Recognize the recent advances in genetic medicine related to pregnancy
2. Select pregnant women with medical conditions that should be referred to genetic medicine in 2018.
3. Understand and apply the basics of genetic counseling around pre-test counseling and genetic test result interpretation (lifelong implications of a pathological mutation, uncertainty about pathogenicity of some mutations, etc.)

9:30-10:30 **Oral Abstract Presentations**

1. *South Asian Women’s Perspectives on Delivering Postpartum Cardiovascular Risk Reduction Care*

Dr. Tabassum Firoz

2. *Evaluation of The Systemic Inflammatory Response Syndrome Criteria for The Diagnosis of Sepsis During Pregnancy: New Cut-Off Points Could Solve the Problem*

Dr. Fabian Maza Arnedo

3. *Optimizing High-fidelity Simulation for Teaching Obstetric Medicine Concepts: A Curriculum Mapping and Development Project*

Dr. Kelle Hurd

4. *Rationalization of Clinic Scheduling for Women with Subclinical Hypothyroidism in Pregnancy*

Dr. Siobhan Bacon

5. *Poisoning in Pregnancy: A Retrospective Study from the Ontario Poison Centre*

Dr. Jonathan S. Zipursky

At the end of the conference, the participant will be able to:

1. Appreciate the diversity of research in the field of obstetric medicine
2. Implement some changes in their own practice based on the results of research or case series

10:30-11:15 Break and Poster Viewing Session

**11:15-11:40 *Exercise in Pregnancy: What is New*
Dr. Margie Davenport**

At the end of the conference, the participant will be able to:

1. Recognize the role of exercise in prevention of maternal and fetal complications (diabetes, preeclampsia, etc.)
2. Recommend the appropriate program of exercise for pregnant women depending on the clinical situation

**11:40-12:05 *That Struck a Nerve*
Dr. Sadiq Abdulla**

At the end of the conference, the participant will be able to:

1. Review the potential complications associated with epidural analgesia
2. Review the causes of peripartum nerve injury unrelated to epidural analgesia
3. Discuss the outcomes of peripartum nerve injury and strategies for prevention

**12:05-13:30 Lunch
&
Announcement of Karen Rosene-Montella Lifetime Achievement Award**

Moderators: Dr Meena Khandelwal and Dr Wee-Shian Chan

13:30-15:00 Oral Abstract Presentations

1. *Is Management of Mild Intrahepatic Cholestasis of Pregnancy Associated with Maternal and Fetal Complications?*

Dr. Marie-Alexandra Campo

2. *NSAID use in the Immediate Postpartum Period of Women with Preeclampsia*

Dr. Gofran Tarabulsi

3. *Pregnancy Weight Gain by Body Mass Index (BM) Category and Adverse Birth Outcomes*

Dr. Vivian Ukah

4. *Home Blood Pressure Monitoring in the Diagnosis and Treatment of Hypertension in Pregnancy: A Systematic Review*

Dr. KC Tran

5. *Impact of an Educational Pamphlet on Knowledge about Future Pregnancy and Health Risks after a Pregnancy Complicated by Hypertension: A Randomized Controlled Trial*

Dr. Maria Parfenova

6. *Identifying Cardiovascular Severe Maternal Morbidity in Epidemiologic Studies*

Dr. Isabelle Malhame

7. *Characteristics of Women with Disorders of Pregnancy and Future Cardiovascular Diseases*

Dr. Ugochi Vivian Ukah

8. *Life-threatening Events in Pregnant Women with Cardiac Disease*

Dr. Birgit Pfaller-Eiwegger

At the end of the conference, the participant will be able to:

3. Appreciate the diversity of research in the field of obstetric medicine
4. Implement some changes in their own practice based on the results of research or case series

15:00-15:25 Aspirin Dosing: Too Many Choices

Dr. Wee-Shian Chan

At the end of the conference, the participant will be able to:

1. Prescribe the optimal dosage of aspirin for the prevention of preeclampsia in selected patients
2. Discuss the rationale behind the usage of higher dose of aspirin

15:25-16:15 Break and Poster Viewing Session

16:15-17:15 Member's Symposium: Postpartum Cardiovascular Risk Reduction Clinics: The North American Experience

At the end of the conference, the participant will be able to:

1. Demonstrate collaboration between multiple specialties
2. Offer evidence-based educational content

17:30-18:30 NASOM Business Meeting

20:00 NASOM dinner at the Stanley Park Tea House

Saturday March 30, 2019

7:00-8:30 Breakfast & Meet the President (For new members)

Moderators: Dr. Michele Mahone and Dr. Tabassum Firoz

**8:30-9h30 Top 5 of the 2018 Obstetric Medicine Literature
Dr. Jayson Potts and Dr. Serena Gundy**

At the end of the session, the participant will be able to:

1. Revise the key articles published in 2018 in Obstetric Medicine
2. Critically analyze data and decide if changes in practice should be made

9:30-10:15 **Closing the Loop from Risk Counseling to Research on the Safety of Pregnancy Exposures: the MotherToBaby Model**

Dr. Christina Chambers

At the end of the conference, the participant will be able to:

1. Describe the current availability of human data on risk or safety of prescription medications for use in pregnancy
2. Identify methods and challenges in enrolling pregnant women in pregnancy registries
3. Understand the small prospective cohort study model for evaluating safety of new drugs and how this has been applied in the real world

10:15 -11:00 **Break and poster-viewing session**

11:00-11:50 **Oral abstract presentations**

1. *Sleep disturbances in Pregnant Latina Women in South America*

Dr. J. Rojas-Suarez

2. *Title Comparison of Postpartum HbA1c to Fructosamine in Normal Pregnancy*

Dr. Cynthia Kearse

3. *Hemophagocytic Lymphohistiocytosis in Pregnancy Evolving Towards Fulminant Hepatitis: A Case Report and Literature Review*

Dr. Camille Simard

4. *Gastric Perforation After Cesarean Delivery: An Unintended Consequence of the Opioid Epidemic*

Dr. Elena I. Gore

5. *Primary Autoimmune Myelofibrosis: A Unique Presentation of Macrocytic Anemia in Pregnancy*

Dr. Xiaolei Chen

At the end of the conference, the participant will be able to:

1. Appreciate the diversity of research in the field of obstetric medicine
2. Implement some changes in their own practice based on the results of research or case series

11:50-12:50 When You Hear Hoof Beats, Think Pregnant Zebras

Case Presenters: Dr. Tessa Chaworth-Musters

Panel Members:

- Dr. Thalia Shoshana-Field (neurology)
- Dr. Anton Chau (anesthesia)
- Dr. Julie Robertson (MFM)
- Dr. Leslie Zypchen (Hematology)
- Dr. Tessa Chaworth-Musters (internal Medicine)

At the end of the conference the participant will be able to

1. Appreciate the details of a challenging case, including the deliberations of an expert multidisciplinary panel
2. Review the complexities of determining timing of delivery in the face of maternal catastrophic illness, and the role of various obstetrical and non-obstetrical care-providers
3. Review the use of therapeutic options infrequently used in the pregnant patient
4. Highlight the difficulty in differentiating pregnancy from non-pregnancy associated diagnoses

12:50-13:00 Closing Remarks and Awards