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DECEMBER 1-2 2017



NASOM 2016 Annual Meeting

Saturday, October 29th, 2016 & Sunday, October 30th, 2016
Westin Hotel, Montréal, Canada

In conjunction with  **GEMOQ**
Groupe d'étude
en médecine obstétricale
du Québec




North American Society of Obstetric Medicine

NASOM and GÉMOQ welcome you to Montreal!

Our goal

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, in conjunction with the Groupe d'Étude en Médecine Obstétricale du Québec, focus on the diagnosis and management of medical disorders in pregnancy, and emphasizes the importance of a multidisciplinary approach to this complex and unique population.

Target Audience

Internists, Obstetricians, Family Physicians, Nurse Practitioners, Nurses, Pharmacists, Physician Assistants, Medical Students, Residents and Fellows, Medical Specialists, Other health care practitioners.

NASOM executive committee

Dr. Ghada Bourjeily

Dr. Annabelle Cumyn

Dr. Stephen Lapinsky

Dr. Nadine Sauvé

Dr. Rshmi Khurana

Dr. Meena Khandelwal

Dr. Michael Carson

Dr. Courtney Bilodeau

Meeting Organizing Committee

Scientific Direction: Dr. Michèle Mahone, Dr. Nadine Sauvé and Dr. Meena Khandelwal

In collaboration with GÉMOQ CME committee: Dr. Hélène Marchand, Dr. Natalie Dayan, Dr. Annie Lacombe

Abstracts graders

Dr. Michael Carson

Dr. Courtney Bilodeau

Dr. Lindsay Porteous

Dr. Winnie Sia

Dr. Tanya Melnik

Dr. Jessica Sheehan Tangren

Dr. T. Lee-Ann Hawkins

Dr. Susan Cowchock

Dr. Margaret Miller

Dr. Gillian Ramsay

Dr. Meena Khandelwal

Oral presentations Judges

Dr. Natalie Dayan

Dr. Wee-Shian Chan

Dr. Ray Powrie

Dr. Catherine Marnoch

Poster Judges

Dr. Annabelle Cumyn

Dr. Stephen Lapinsky

Dr. Hélène Marchand

Dr. Allan Karovitch

Dr. Gillian Ramsay

Dr. Michael Carson

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.

SATURDAY October 29th, 2016

7h30 – 9h00 **BREAKFAST AND REGISTRATION NASOM/GEMOQ**
(Foyer des reporters, 3rd floor)
Participants to NASOM/GEMOQ **only** will have breakfast at the Foyer des reporters on 3rd floor.
Participants also registered to the **CSIM meeting** will have breakfast provided by the CSIM.

8h00 – 9h00 **NASOM Business Meeting** (Room St-Jacques, 3rd floor)

9h30 – 12h25 **CSIM-NASOM-GEMOQ**

9h30 – 10h45 **WORKSHOP: *Prédicteurs cliniques et biomarqueurs dans la prééclampsie: que devons-nous dire à nos patientes?***
(In French) (Salle: Beaver Hall, 8th floor)

Dr. Evelyne Rey

Au terme de la conférence, le participant sera en mesure de :

- Extraire des éléments spécifiques des antécédents médicaux, examens physiques et antécédents obstétricaux pouvant prédire une prééclampsie
- Sélectionner les patientes qui peuvent bénéficier de techniques d'imagerie (utérine/artères ombilicales, Doppler, etc.) pour mieux prévoir la prééclampsie
- Reconnaître l'utilité clinique des biomarqueurs actuels ou prometteurs (albuminurie, podocyturie, sFit-1, PIGF, etc.) pour prédire la prééclampsie

OR...

WORKSHOP: *Dermatosis of pregnancy*

(In English) (Salle: Palais, 8th floor)

Dr. Annabelle Cumyn

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

- Evaluate a pregnant woman with cutaneous lesions and diagnose the major dermatoses specific to pregnancy (PUPPP, pemphigoid gestationis, atopic eruption of pregnancy, pustular psoriasis).
- Decide when a biopsy is needed.
- Start treatment for dermatoses of pregnancy.
- Plan the fetal follow-up required for gestational pemphigoid and advise the patient about possible neonatal lesion and risk of recurrence in a future pregnancy.

10h45 – 11h15 **Networking Break** (Foyer, 9th floor)

11h15 – 12h30 **WORKSHOP: *Clinical Predictors and biomarkers in preeclampsia: what should we tell our patients?***

(In English) (Salle: Beaver Hall, 8th floor)

Dr. Évelyne Rey

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

- Research specific elements from past medical history, history, physical examination and obstetric history that can help predict preeclampsia.
- Select patients that can benefit from imaging techniques (uterine/umbilical arteries dopplers, etc.) to help predict preeclampsia.
- Recognize the clinical utility of existing or promising biomarkers (albuminuria, podocyturia, sFit-1, PIGF, etc.) for prediction of preeclampsia.

SATURDAY October 29th, 2016

OR... **WORKSHOP: *Troubles dermatologiques de la grossesse***

(In French) (Salle : Palais, 8th floor)

Dr. Annabelle Cumyn

Au terme de la conférence, le participant sera en mesure de :

- Évaluer le cas d'une femme enceinte présentant des lésions cutanées et diagnostiquer les dermatoses principales spécifiques à la grossesse (papules et plaques urticariennes prurigineuses ou PUPPP, pemphigoïde gestationnel, éruption atopique de la grossesse, psoriasis pustuleux).
- Décider si une biopsie cutanée est nécessaire pour diagnostiquer une lésion cutanée chez une patiente enceinte.
- Mettre en route un traitement pour une dermatose liée à la grossesse.
- Planifier le suivi nécessaire du fœtus en cas de pemphigoïde gestationnel et aviser la patiente de la possibilité de complications néonatales et du risque de récurrence lors de grossesses ultérieures.

12h30 – 13h30 **Lunch for NASOM/GEMOQ** (Room Montreal – 11th floor)

- 13h00
- **Introduction**
 - **Distinguished Career Award**

13h30 – 17h50 **NASOM-GEMOQ MEETING** (Room Fortifications, 9th floor)

13h30 – 14h10 ***Microbiome effect on the newborn and in pregnancy***

Dr Sacha Sidani

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

- Define the concept of a microbiome and its relevance to childbirth and health.
- Describe the differences observed in children born either vaginally or by caesarean section and the consequences resulting from maternal microbiome exposure.
- Explain how this concept may be integrated into our practice.

14h10 – 15h10 **SHORT SNAPPERS**

***Maternal cystic fibrosis* - Dr. Stephen Lapinski**

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

- Perform a preconception evaluation of a woman with cystic fibrosis and discuss maternal and fetal risks, including prenatal diagnosis issues for the baby.
- Propose a maternal and fetal follow-up plan during pregnancy for a woman with cystic fibrosis.
- Plan an optimal delivery with the interdisciplinary team.

***Atypical cholestasis in pregnancy* - Dr. Florence Weber**

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

- Recognize atypical presentation of pruritus in pregnancy.
- Recognize diseases that may mimic intrahepatic cholestasis (hepatitis C, autoimmune hepatitis and genetic disorders).
- Use second or third line treatment for intractable pruritus in these patients.

***Maternal Turner syndrome* - Dr. Francine Morin and Dr. Line Leduc**

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

- Proceed to a pre-conception evaluation of a woman with Turner syndrome contemplating pregnancy (assessment of vascular, renal and metabolic issues).
- Plan the appropriate maternal follow-up during pregnancy and participate to the interdisciplinary discussion about the mode of delivery.

15h10 – 16h00 Break and poster viewing session(Foyer & Room Ville Marie, 9th floor)**16h00 – 16h50 ORAL ABSTRACT PRESENTATIONS**(Room Fortifications, 9th floor)

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

- Appreciate the diversity of research in the field of obstetric medicine.
 - Implement some changes in their own practice based on the results of research or case series presented.
- ***Utility of B-Type Natriuretic Peptide in Evaluating Dyspneic Pregnant or Postpartum Women***
Mehta N, Raker C, Poppas A
 - ***Feasibility of an intervention to improve the cardiovascular health of postpartum women with a history of hypertensive disorders of pregnancy***
Younger-Lewis D, McDonnell L, Westcott C, Elias N, Perron S, Martin N, Ives S, Pipe A, Reid R, Nerenberg K
 - ***Incidence of Myocardial Infarction in Pregnancy: A Systematic Review and Meta-analysis of Population-based Studies***
Gibson P, Narous M, James M
 - ***Admission to the Intensive Care Unit Pre- and Post-Establishment of an Obstetric High-Dependency Unit: A Single Center Experience***
Porteous L, Mehta N
 - ***Impact of Pregnancy Complications on Presentation, Severity and Outcomes of Acute Coronary Syndrome***
Grand'Maison S, Pilote L, Dayan N

16h50 – 17h50 DEBATE: Use of bromocriptine for peripartum cardiomyopathy: are we there yet?**Dr. Uri Elkayam, Dr. Marc Jolicoeur**

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

- Appreciate the pathophysiology underlying the potential effects of Bromocriptine in PPCMP.
- Evaluate the pros and cons of Bromocriptine use in women with PPCMP in 2016, based on evidence-based data and clinical experience.
- Select which patients will benefit the most from its use.



20h00

NASOM dinner

(Auberge St-Gabriel)

Registration needed

Auberge St-Gabriel is at walking distance (10 minutes) from the Westin, in beautiful Old Montreal. Enjoy the architecture while walking there with friends! TO GET THERE: Start west on Rue St-Antoine for 400m, then turn right on Boulevard St-Laurent for 200m. Then left on Rue Notre-Dame East for 100m and then turn right on Rue St-Gabriel (426 rue St-Gabriel) for 100m.



22h00

Dancing (Cabaret LaTulipe)

Registration needed

TO GET THERE: Taxis will wait for us at the end of the dinner to bring us there. Return by taxi will be individual at your preference. 15 minutes' drive.

Sunday, October 30th, 2016

8h00 – 8h30 **Breakfast** (Room Montreal – 11th floor)

ALL MORNING PRESENTATIONS WILL BE HELD IN ROOM FORTIFICATIONS – 9th FLOOR

8h30 – 9h10 ***Selective serotonin reuptake inhibitors in pregnancy and lactation***
Dr. Tuong Vi Nguyen

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

- Describe and review the risks associated with selective serotonin reuptake inhibitor use in the first trimester, the third trimester and long term effects in children exposed during pregnancy.

9h10 – 9h50 ***Placental pathology for the non-pathologist***
Dr. Drucilla Roberts

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

- Evaluate the utility and relevance of placental pathology in pre-conception counseling and/or assessment of newborn risk.
- Understand the clinical implications of commonly used terms in placental pathology.

9h50 – 10h30 ***Pregnancy in cancer survivors***
Dr. Elyce Cardonick

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

- Evaluate a woman pre-conception who had cancer in the past, including the effect of pregnancy on the risk of recurrence, evaluation of the consequences of past surgery, chemo or radiotherapy that can impact pregnancy.
- Propose a follow-up plan during pregnancy/postpartum when appropriate, especially regarding the risk of post-chemo cardiomyopathy.

10h30 – 11h00 **Break and poster-viewing session** (Foyer & Room Ville Marie, 9th floor)

11h00 – 11h50 **ORAL ABSTRACT PRESENTATIONS**

- ***Postpartum Glucose Tolerance in Early Onset Gestational Diabetes***
Vachon I, Djemli A, Nyalendo C, Rey E
- ***Use of Blood Products in Peripartum Critical Illness***
Contino K, Moradi BN, Schorr C, Kali Staman K, Kaigh C, Greene J, Ryan RN, Krystal Hunter K, Jagga S, Nahra R
- ***Childhood maltreatment is associated with increased cytokine production among pregnant women with gestational diabetes mellitus***
Bublitz M, De La Monte S, Martin S, Larson L, Bourjeily G
- ***Maternal Eclampsia and Long Term Seizures (MELTS) Study***
Nerenberg KA, Park AL, Vigod S, Saposnik G, Berger H, Hladunewich M, Gandhi S, Silversides C, Ray JG
- ***Acute Kidney Injury and Future Hypertensive Disorders of Pregnancy – a matched cohort study***
Tangren JS, Powe CE, Ankers E, Ecker J, Bramham K, Hladunewich MA, Karumanchi SA, Thadhani R

11h50 – 12h50 ***Interdisciplinary approach to a complex problem:
Sickle cell disease: a challenge in pregnancy***

Hematologist: Dr. Véronique Naessens

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

- Propose a pre pregnancy evaluation plan, including counselling about maternal risks, indication for transfusions, medication and immunization.
- Propose an appropriate plan for follow-up, prevent, identify and treat complications of sickle cell disease for the pregnant woman

MFM: Dr. Catherine Taillefer

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

- Assess genetic counselling that should be done.
- Describe the different obstetrical complications of sickle cell disease on the placenta and fetus, and recommend appropriate follow-up.
- Appraise the special care and precautions of these patients during the peripartum period.
- Describe specific postpartum care including breastfeeding and contraception.

Anaesthesiologist: Dr. Marnie Haig

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

- Propose an anesthetic plan around delivery focussing on the special care required for pregnant women with sickle cell disease, to minimize risks.

- 12h50
- **Conclusion of the meeting**
 - **Richard Lee Award**
 - **Peter Garner and other Awards**

13h00 – 14h00 **GEMOQ Business meeting (lunch)**
(Room Fortifications – 9th floor)