

14th Annual Endocrine Residents' Day Review Course – Virtual
Tuesday, October 27, 2020
10:30 a.m. – 2:50 p.m. ET

Resident Representative: Dr. Nadia Moledina, University of Calgary
Faculty Liaison: Dr. Breay Paty, University of British Columbia

Speakers: Dr. Lois Donovan, University of Calgary
Dr. Karin Winston, University of Calgary
Dr. Kirstie Lithgow, University of Calgary
Dr. Greg Kline, University of Calgary
Dr. Adam Millar, University of Toronto

Session Objectives

At the end of this session participants will be able to:

- Understand the use of continuous glucose monitors in pregnancy
- Have a basic approach to short stature
- Review the investigation and management of non-functioning pituitary adenomas
- Learn some pearls and pitfalls of adrenal vein sampling
- Get insights into androgen testing and treatment for budding endocrinologists

Program (all times are Eastern)

10:30 - 10:35 a.m. **Introduction and Opening Remarks**
Dr. Breay Paty and Dr. Nadia Moledina

10:35 - 11:05 a.m. **Continuous Glucose Monitoring in Pregnancy: An interactive session**
Lois Donovan, MD, FRCPC

At the end of this presentation, participants should be able to:

- Review the Evidence about the use of Continuous Glucose Monitoring (CGM) in pregnancy
- Obtain and Interpret CGM information in pregnancy
- Provide users of CGM in pregnancy with helpful support to optimize their use of CGM in pregnancy

11:05 - 11:20 a.m. **Discussion – Live Q&A**

11:20 a.m. - 11:50 a.m. **Abnormal Stature - The Long and the Short of It**
Karin Winston, MD, FRCPC

At the end of this presentation, participants should be able to:

- Describe an approach to short stature with a particular focus on endocrine disorders
- Define tall stature and provide a differential diagnosis for underlying causes
- Discuss treatment options for short and tall stature

11:50 a.m. - 12:05 p.m. **Discussion – Live Q&A**

12:05 - 12:35 p.m. **Break**

12:35 - 1:05 p.m. **Adrenal Vein Sampling: Making It Work**
Greg Kline, MD, FRCPC

At the end of this presentation, participants should be able to:

- Review data around the importance of having a PA/AVS program
- Discuss who should get AVS and how to prepare
- Review of AVS interpretation basics and controversies

1:05 - 1:20 p.m. **Discussion – Live Q&A**

1:20 - 1:50 p.m. **Non-Functioning Pituitary Adenomas and Their Management and Follow-up**
Kirstie Lithgow, BSc, MD

At the end of this presentation, participants should be able to:

- Recognize various clinical presentations of non-functioning adenoma
- Discuss role of endocrinologist in the multidisciplinary management of non-functioning adenoma
- Discuss treatment options, prognostic factors, and strategies for long term follow-up

1:50 - 2:05 p.m. **Discussion – Live Q&A**

2:05 - 2:35 p.m.

Andrology for the Budding Endocrinologist

Adam Millar, MD, FRCPC

At the end of this presentation, participants should be able to:

- Describe the role of sex hormone binding globulin (SHBG) in testosterone interpretation
- Define how male hypogonadism is properly diagnosed
- Outline contraindications and potential adverse effects of testosterone replacement
- Extrapolate principles of sexual differentiation to understand the effects of androgen receptor mutations

2:35 - 2:50 p.m.

Discussion – Live Q&A

2:50 p.m.

Adjournment