

Resident Representatives: Dr. Jenny Gu,
Dr. Zachary Raizman,

Faculty Liaison: Dr. Breay Paty, University of British Columbia

Program Speakers: Dr. Kirstie Lithgow, University of Calgary
Dr. Jamie Benham, University of Calgary
Dr. Jonathan Dawrant, University of Calgary
Dr. David Campbell, University of Calgary
Dr. Emma Billington, University of Calgary
Dr. Erik Venos, University of Calgary

Professors: Dr. Paola Luca, University of Calgary
Dr. Lois Donovan, University of Calgary
Dr. Chris Symonds, University of Calgary
Dr. Hanan Bassyouni, University of Calgary

Learning Objectives

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

- Review basic embryology and cell lines of pituitary development
- Describe reproductive cycle physiology
- Discuss the manifestations and diagnosis of delayed puberty
- Identify the causes of endocrine hypertension
- Outline the etiologies of hypocalcemia
- Compare approaches and management strategies for hypertriglyceridemia

PROGRAM

All times are Mountain Standard. Each presentation includes a live Q&A discussion.

8:00 a.m. – 8:25 a.m.	Registration and Breakfast
8:25 a.m. – 8:30 a.m.	Introduction and Opening Remarks Dr. Breay Paty, Dr. Zachary Raizman, and Dr. Jenny Gu
8:30 a.m. – 9:15 a.m.	Topic #1 – Pituitary/hypopituitary management Dr. Kirstie Lithgow At the end of this presentation, participants should be able to: <ul style="list-style-type: none"> • Review basic embryology and cell lines of pituitary development • Describe the investigation of hypopituitarism • Outline the management of specific hormone deficiencies in hypopituitarism
9:20 a.m. – 10:05 a.m.	Topic #2 – Reproduction and endocrinology Dr. Jamie Benham At the end of this presentation, participants should be able to: <ul style="list-style-type: none"> • Review reproductive cycle physiology • Describe the investigation of secondary amenorrhea • Discuss an approach to the diagnosis and management of PCOS
10:05 a.m. -10:25 a.m.	Break
10:25 a.m. – 11:10 a.m.	Topic #3 – Pediatric: Puberty topic Dr. Jonathan Dawrant At the end of this presentation, participants should be able to: <ul style="list-style-type: none"> • Review of normal physiology of puberty • Describe the manifestations and diagnosis of delayed puberty • Review the management of delayed puberty (puberty induction)

11:15 a.m. – 12:00 p.m.	<p>Topic #4 – Evaluation of Endocrine Hypertension Dr. David Campbell</p> <p>At the end of this presentation, participants should be able to:</p> <ul style="list-style-type: none"> • Review the causes of endocrine hypertension • List who should be investigated for endocrine hypertension • Identify the treatable forms of endocrine hypertension 								
12:05p.m. – 12:50 p.m.	Lunch (Resident Council Meeting)								
12:55 p.m. – 1:40 p.m.	<p>Topic #5 - Pseudohypoparathyroidism Dr. Emma Billington</p> <p>At the end of this presentation, participants should be able to:</p> <ul style="list-style-type: none"> • Describe etiologies of hypocalcemia, including review of types of pseudohypoparathyroidism • Identify manifestations and mechanisms of pseudohypoparathyroidism • Review the management of pseudohypoparathyroidism, including long-term follow-up and monitoring for other endocrinopathies 								
1:45 p.m. – 2:30 p.m.	<p>Topic #6 - Lipids Dr. Erik Venos</p> <p>At the end of this presentation, participants should be able to:</p> <ul style="list-style-type: none"> • Review lipid physiology • Compare approaches & management strategies for hypertriglyceridemia • List diagnostic criteria for Familial hypercholesterolemia 								
2:30 p.m. – 2:50 p.m.	Break								
2:50 p.m. – 3:00 p.m.	<p>Introduction to Meet the Professor Session Dr. Breay Paty, Dr. Zachary Raizman, and Dr. Jenny Gu</p>								
3:00 p.m. – 4:05 p.m. (Participants choose 1 from each 30-minute session)	<p>Meet the Professor</p> <table> <tr> <td>Dr. Paola Luca – Pediatric</td> <td>(Room TBC)</td> </tr> <tr> <td>Dr. Lois Donovan – Thyroid & Pregnancy</td> <td>(Room TBC)</td> </tr> <tr> <td>Dr. Hanan Bassyouni – Cushing’s</td> <td>(Room TBC)</td> </tr> <tr> <td>Dr. Chris Symonds – Osteoporosis management</td> <td>(Room TBC)</td> </tr> </table>	Dr. Paola Luca – Pediatric	(Room TBC)	Dr. Lois Donovan – Thyroid & Pregnancy	(Room TBC)	Dr. Hanan Bassyouni – Cushing’s	(Room TBC)	Dr. Chris Symonds – Osteoporosis management	(Room TBC)
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Dr. Hanan Bassyouni – Cushing’s	(Room TBC)								
Dr. Chris Symonds – Osteoporosis management	(Room TBC)								
4:05 p.m.	Adjournment								

Endocrinology Trivia – Pub Night 6 pm