



Internal Medicine – Endocrinology and Metabolism

Contact Information

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Sites

MUHC: Glen-Royal Victoria Hospital
 MUHC: Montreal General Hospital
 Jewish General Hospital

Elective Description

Endocrinology and Metabolism enjoys a unique position within medical specialties. On the one hand, it serves a huge number of patients, given the current obesity, diabetes, hyperlipidemia and osteoporosis epidemics, and how these pathologic processes overlap with several other specialties, both surgical and medical. On the other hand, it benefits from an exceptionally intimate link between basic research and clinical applicability; complex patients challenge the clinician, stimulate the researcher, and fuel molecular discoveries that lead to tomorrow's diagnostic and therapeutic armamentarium.

Each of the elective sites can accommodate one to two students per 4-week academic period.

Elective Duration

2, 3 or 4 weeks

Educational Objectives

At the completion of the Endocrinology and Metabolism elective, students will have gained proficiency in evaluating and treating patients with the following disorders:

- Type 1 and type 2 diabetes mellitus
- Obesity
- Hypoglycemia



Undergraduate Medical Education Elective

- Dyslipidemias
- Thyroid disorders (including Graves' disease, Hashimoto's thyroiditis, and thyroid carcinoma)
- Metabolic bone, calcium, and other mineral disorders
- Adrenal disorders (including Cushing's syndrome, Addison's disease, pheochromocytomas)
- Gonadal disorders (including hirsutism, hypogonadism, menopause, polycystic syndrome and other forms of infertility)
- Hypothalamic, anterior and posterior pituitary disorders (including tumors, diabetes insipidus, and other forms of pituitary dysfunction)

Scope of Work

Students spend approximately half of the elective time seeing out-patients in subspecialty clinics (i.e., either Diabetes, Lipid, Neuroendocrinology, General Endocrinology, etc.). Formal and informal presentations are also held throughout the week.

The remainder of the time is spent answering consultations for and subsequently following in-patients with various endocrine problems throughout the hospital.



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