

ENDOCRINOLOGY & METABOLISM ROTATION

GOALS AND OBJECTIVES

During the Endocrinology and Metabolism rotation, the resident will achieve the following in their role as:

A. Medical Expert

1. Perform the appropriate history and physical examination, interpret correctly the laboratory and radiologic investigations, and develop the appropriate management plan in the ambulatory and inpatient consultation setting for patients with a variety of endocrine disorders including:
 - a. Diabetes mellitus type 1 and 2
 - b. Insulin resistance
 - c. Thyroid disease
 - d. Disorders of lipid metabolism
 - e. Osteoporosis
 - f. Endocrine disorders in pregnancy
 - g. Obesity
 - h. Calcium disorders
 - i. Adrenal disorders
 - j. Anterior and posterior pituitary disorders
 - k. Hypoglycemic disorders
 - l. Androgen disorders in males and females
2. List the indications for fine needle aspiration biopsy of the thyroid and to perform a biopsy.
3. Describe the indications and procedures of dynamic pituitary testing.

B. Communicator

1. Document and present competently the clinical findings, problem synthesis, and management plans for clinic patients with endocrine disorders.
2. Demonstrate the ability to share information with patients and families, and elicit patients' preferences with regard to treatment decisions;
3. Recognize the importance of non-adherence in the management of endocrine disorders and demonstrate strategies to optimize compliance with treatment regimen. Communicate management plans through effective consultation letters to primary care physicians and other members of the health care team.

C. Collaborator

1. Demonstrate awareness of the importance of the multi-disciplinary approach required in the management of endocrine disorders, and contribute effectively to inter-disciplinary team activities.
2. Work effectively with nurses, patient educators, laboratory physicians, and surgeons to optimize patient outcomes.

D. Manager

1. Effectively coordinate the ambulatory care of patients with a variety of endocrine disorders to prevent costly hospital admissions, and coordinate the inpatient care of patients with a variety of endocrine disorders to reduce length of hospital stay.
2. Investigate and manage patients with endocrine disorders in a cost-effective manner while focusing on optimal patient care and outcomes.
3. Demonstrate management of inpatient consults with the clinical clerk on service

E. Health Advocate

1. Recognize and respond to opportunities to prevent and treat selected endocrine disorders through patient education and counseling.
2. Identifies important determinants of health for patients with endocrine diseases (e.g. diabetes, lipid disorders, pituitary)

F. Scholar

1. Use patient encounters as a stimulus to further reading and review of the current literature.
2. Develop and apply skills in critical appraisal and the practice of evidence-based medicine.
3. Understand the importance of patient education in the management of many common medical conditions, and facilitate such learning wherever possible.
4. Teach other housestaff in the outpatient and inpatient consultation settings.

G. Professional

1. Demonstrate effective, ethical medical care with integrity, honesty, and compassion.
2. Display appropriate professional behaviours and inter-personal skills, including deportment, punctuality, and respect.
3. Recognizes the limitations of their own knowledge