

# Endocrinology

## 1. Medical Expert

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- ❑ Demonstrates an evidence based approach to the basic science, clinical presentation, diagnosis and management of diabetes mellitus including:
  - Classification of Diabetes including secondary causes of diabetes
  - Diabetic ketoacidosis and hyperosmolar non-ketotic states
  - Acute and Chronic management of DM 1 and DM 2
  - Perioperative management of diabetes
  - Diabetes and pregnancy
  - Diabetic complications
- ❑ Demonstrates an evidence based approach to the clinical presentation, investigations, diagnosis and management of diseases of the thyroid including:
  - Thyroid nodule
  - Hypothyroidism
  - Hyperthyroidism
  - Ordering and interpretation of thyroid testing procedures
  - Thyroid storm
  - Myxedema coma
- ❑ Demonstrates an approach to the clinical presentations, investigation, diagnosis and management of :
  - hyperlipidemia
  - menstrual disorders and female infertility including Irregular or absent menstrual cycles including hyperandrogenemia and galactorrhea
  - evaluation of the male with infertility and gynecomastia
  - metabolic bone disease, especially osteoporosis
  - endocrine causes of hypertension
  - adrenal insufficiency
  - adrenal masses
  - pituitary disease (hyper and hypo function)
- ❑ Correlates relevant pathophysiology to ordering and interpreting the investigations of common endocrine illnesses
- ❑ Develops comfort in explaining the principles behind continuous and intermittent blood glucose monitoring and various insulin delivery devices

## 2. Communicator

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- ❑ Engages in relevant and patient centered counseling for patients with a variety of endocrine disorders (adrenal, pituitary, thyroid diseases etc)
- ❑ Facilitates education to assist patients with diabetes in the self-management of their diabetes
- ❑ Communicates effectively with other health professionals about individual patients

## 3. Collaborator

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- ❑ Interacts effectively in interdisciplinary endocrine programs
- ❑ Works with referring physicians to optimize and share care, namely with nurse educators, dietitians, psychologists, social workers
- ❑ Consults effectively with other physicians involved in endocrine care, e.g. surgeons, radiologists, nuclear medicine, obstetrics and gynecology and neurosurgeons

## 4. Manager

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- ❑ Considers cost-effective approaches to the investigation and management of endocrine disorders
- ❑ Demonstrates time management skills to reflect and balance priorities for patient care, sustainable practice, and personal life

## 5. Health Advocate

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- ❑ Assists patients with endocrine disorders to access information on their diseases
- ❑ Ensures timely access to relevant consultations and investigations

## 6. Scholar

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- ❑ Accesses medical information resources to answer clinical questions and support decision making
- ❑ Appraises the quality of medical information resources and select among them based on the characteristics of the clinical question
- ❑ Applies clinical evidence, as appropriate, in the provision of patient care

## 7. Professional

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- ❑ Treats patients with dignity, civility and respect

- ❑ Demonstrates integrity in all interactions with colleagues and patients
- ❑ Ensures prompt completion of clinical, administrative and curricular tasks
- ❑ Demonstrates insight into personal strengths and weaknesses

Reviewed and Updated by Dr. George Fantus 2010, H. McDonald-Blumer, 2012