ICA Endocrinology General

Term Objectives
Students should be aware of the basic principles in the broad areas of endocrinology listed below:

- **Diabetes / Hyperlipidaemia**
  Symptoms and signs, criteria for diagnosis, potential complications, goals of management (including HBA1C) and role of the education team. The role of diet, oral hypoglycaemic agents, insulin, antihypertensives and lipid lowering drugs. Students should do at least one long case on diabetes during the term.

- **Thyroid Disease**
  Diagnosis of hyper and hypothyroidism: symptoms, signs and thyroid function tests. Thyroid nodules, goitre and role of fine needle aspiration biopsy. Thyroid cancer management.

- **Pituitary and Glands**
  Pituitary insufficiency: symptoms, signs, causes and how to interpret basic pituitary function tests. Diagnosis and management of pituitary tumours including ACTH, GH producing adenomas and prolactinomas. Diagnosis of disorders of posterior pituitary function. Symptoms, signs and diagnosis of hypogonadism.

- **Calcium Metabolism**
  Symptoms, signs and diagnosis of hyperparathyroidism including interpretation of serum calcium, albumin and phosphate, PTH and urine calcium.

- **Metabolic Bone Disease**
  Causes and investigation of osteoporosis. Interpretation of bone density studies and basic management principles. Diagnosis and treatment of Paget’s disease.

- **Adrenal Disease**
  Symptoms, signs and biochemical diagnosis of steroid excess and deficiency. Management of acute and chronic steroid deficiency.