

Endocrinology and Metabolism Elective Residency Rotation
Presbyterian/St. Luke's Hospital

Preceptor:

Drs. Sarah Bull and Leslie Gamache
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Specific Goals:

1. To gain knowledge and skill in the diagnosis and management of a broad range of disorders of the endocrine system. **MK, PC*
2. Develop clinical skills of data collection including history taking, physical examination, and the appropriate request of laboratory and imaging studies. *ISC, PC, PBLI, SBP*
3. Self-interpretation of diagnostic tests and therapeutic procedures common in the practice of Endocrinology and Metabolism. *MK, PBLI*
4. Review the typical clinical, radiographic and laboratory features of common endocrine and metabolic diseases. *MK, PBLI*
5. Recognize the need for appropriate Endocrine consultation. *PC, MK, P*

Educational Objectives:

- I. Know the clinical manifestations, presentations, pathophysiology, and management of common endocrine and metabolic diseases, including: *MK, PC*
 - a. Diabetes Mellitus
 - i. Acute and Chronic complications
 - ii. Diabetic Emergencies
 - iii. Intensive insulin therapy
 - iv. Hospital management of Diabetes
 - v. Diabetes in Pregnancy
 - b. Lipid Disorders
 - i. Approach to lipid management
 - ii. Medication options
 - c. Obesity
 - d. Bone and Mineral Disorders
 - i. Osteoporosis and Osteopenia
 - ii. Osteomalacia, Paget's disease, Fibrous Dysplasia
 - iii. Calcium and Parathyroid disorders
 - iv. Hypocalcemia
 - v. Vitamin D deficiency
 - e. Pituitary Disorders
 - i. Adenomas
 - ii. Panhypopituitarism
 - iii. Hyperprolactinemia
 - iv. Cushing's Syndrome

- f. Adrenal Disorders
 - i. Pheochromocytoma
 - ii. Hyperaldosteronism
 - iii. Adrenal Insufficiency
 - g. Thyroid Disorders
 - i. Hyperthyroidism and Hypothyroidism
 - ii. Thyroiditis
 - iii. Thyroid nodules
 - iv. Thyroid Cancer
 - v. Euthyroid sick syndrome
 - h. Reproductive Endocrinology
 - i. Male hypogonadism and erectile dysfunction
 - ii. Gynecomastia
 - iii. Amenorrhea
 - iv. Polycystic ovarian syndrome
 - v. Menopause
 - vi. Fertility preservation
2. Develop Clinical Skills (history and exam, including a relevant review of systems) **ISC, PC, P**
 3. Interpret the results of specific endocrine laboratory tests **PC, MK, SBP, PBLI**
 4. Recognize the clinical, laboratory and radiographic manifestations of common endocrine diseases. **MK, PBLI**

Curriculum:

The resident is provided with

1. A syllabus containing handouts for didactic lectures
2. Weekly Endocrinology Grand Rounds
3. Daily noon conferences in Internal Medicine topics
4. Weekly Internal Medicine Grand Rounds

Clinical Experiences:

This is a mixed outpatient and inpatient clinical experience. The residents will see outpatients in clinic and inpatient consultations with a broad mix of endocrine disease and severity. The outpatients will be seen at the Denver Endocrinology office with Drs. Bull and Gamache, and the inpatients at Presbyterian/St. Luke's hospital. Resident duty hours are less than 80 hours per week, and there is no call. Residents continue to attend their weekly general medicine continuity clinics and required conferences.

Method of Evaluation of Resident Competence:

The evaluation form provided by the Internal Medicine Residency Office will be completed. This evaluation is competency-based as it pertains to the specific goals and educational objectives of the rotation. The evaluation is shared with the resident.

***ACGME Core Competencies:**

Patient Care	PC
Medical Knowledge	MK
Practice Based Learning and Improvement	PBLI
Systems Based Practice	SBP
Professionalism	P
Interpersonal Skills/Communication	ISC