

ENDOCRINOLOGY AND METABOLISM ROTATION 2008 – 2009

Learning Venues/ Activities

- Weekly Endocrinology Clinics at LSUHSC and VA Medical Center. Take relevant history, perform pertinent physical examination of patients in clinic, and discuss with staff.

Schedule

Monday morning	Endocrine Clinic LSUHSC
Monday afternoon	Endocrine Clinic LSUHSC
Tuesday morning	Endocrine Clinic VAMC
Wednesday morning	Diabetes Clinic VAMC
Thursday morning	Endocrine Clinic VAMC
Friday morning	Endocrine Clinic LSUHSC

- See all new inpatient and outpatient consults at LSUHSC and VA Medical Centers. Read relevant literature and discuss each case with an Endocrinology staff physician.
- Monthly Endocrinology Journal Club: Prepare and present an article from the recent literature at the monthly Endocrinology Journal Club, which meets the third Thursday of each month at 6:30 p.m. at a place to be announced.
- Weekly Endocrinology Conference at 1:30 p.m. each Wednesday, Room 6-201 LSUHSC.
- Note: Residents are excused from routine responsibilities on the half-day of their continuity clinic and at times when participation conflicts with ACGME duty hour regulations.

Learning Resources

- Read the relevant sections of UpToDate and Harrison's or Cecil's textbook of Internal Medicine
- Review the chapter and test questions of the Endocrinology Section of the most recent Medical Knowledge Self-Assessment Program (MKSAP).

Evaluation Methods

- Global faculty evaluation each month (*all competencies*)
- Clinical evaluation exercises: Interviewing skills, examination skills; counseling skills; medical knowledge and diagnostic interpretation; documented through *MyEvaluations (medical knowledge, patient care; interpersonal and communication skills)* Specific medical knowledge, medical knowledge, and diagnostic interpretation exercises may focus on, but are not limited to:

- Interpretation of thyroid function panels
- Interpretation of tests of pituitary and adrenal function

Educational Goals

Patient Care

- Learn to obtain a focused medical history in patients with possible endocrine dysfunction.
- Learn to perform a detailed physical examination of a patient with endocrine or metabolic problems.
- Learn the pharmacologic management of dyslipidemia
- Learn the appropriate laboratory evaluation of the pituitary-adrenal axis
- Learn to manage patients with diabetes during the perioperative period
- Learn to manage patients on corticosteroid therapy during the perioperative period
- Learn the principles of management of thyrotoxicosis
- Learn the appropriate workup and treatment of endocrine hypertension
- Learn the appropriate treatment of adrenal insufficiency
- Learn to evaluate and manage goiters and thyroid nodules

Medical Knowledge

- Understand the use and interpretation of thyroid function tests
- Understand the pathophysiology of Grave's disease
- Understand the etiologies and pathophysiology of hypothyroidism
- Understand the pathophysiology of diabetic ketoacidosis and hyperosmolar states
- Understand the pharmacology of drugs used in treating dyslipidemia
- Understand the natural history of diabetes mellitus and its complications

Practice-based learning and improvement

- Research one or more key clinical question related to a learning objective under the *Patient Care* and *Medical Knowledge* competencies

Common Subspecialty Educational Goals

Interpersonal and Communication Skills

- Develop skill in interviewing patients with problems in the scope of the subspecialty, with attention to education and culturally-sensitive language.
- Develop skill in giving a focused presentation of clinical findings to the attending faculty.
- Develop skill at communicating findings and recommendations of consultations to primary physicians, both verbally and in writing

- Learn to communicate appropriate information to patients who are seen in consultation, and in obtaining informed consent for procedures performed by the subspecialty.

Professionalism

- Demonstrate a commitment to excellence and continuous professional development.
- Demonstrate punctuality and preparation for consultation rounds.
- Demonstrate courteous and professional behavior during encounters with patients and families.
- Demonstrate appropriate professional relationships with colleagues, faculty, and other members of consultation team.
- Demonstrate respect for patients' primary physicians in discussions with patients and within the consult team.
- Demonstrate a habit of evaluating consultations patients and conveying information in a timely manner

Practice-based Learning and Improvement

- Demonstrate a pattern of self-evaluation of performance, identifying gaps in medical knowledge during the evaluation and management of patients, and incorporating feedback into performance.
- Demonstrate a pattern of replicating the effective clinical decision making of faculty and fellows
- Demonstrate a pattern of independent reading and study related to the diseases encountered in the clinics and through hospital consultations.
- Demonstrate a pattern of using library and Internet resources to appraise the literature related to problems encountered during the rotation, and of applying evidence to patient care.
- Learn to critically appraise articles in the subspecialty.

Systems-based Practice

- Develop an understanding of the hospital resources available to the evaluation and management of patients with problems encountered by the subspecialty.
- Demonstrate sensitivity to health care costs, and insight into balancing costs and quality care.
- Demonstrate sensitivity in working with case managers, clinical coordinators, technicians, and other paramedical personnel to enhance the effectiveness of patient care.
- Demonstrate a knowledge of and commitment to the rules governing confidentiality of patient information.