



Educational Goals and Objectives for Rotations on:
Endocrinology

Educational Goals and Objectives:

Patient Care and Procedural Skills:

PGY-3

- Demonstrate the ability to obtain and document an accurate and complete history from patient, caretaker or outside resources independently.
 - Specific historical areas include:
 - Symptoms of DM and complications
 - Symptoms of hypo and hyperthyroidism, hypercalcemia and osteoporosis
 - Use of diabetic monitoring equipment
 - Risk factors for diabetes and osteoporosis
- Demonstrate the ability to obtain and document an accurate and complete history from patient, caretaker or outside resources with occasional input from faculty.
- Know the differences between various diabetic monitoring and drug administration equipment
- Able to successfully discuss sensitive topics such as:
 - Compliance and adherence issues
 - Complications such as limb or sight loss
- Provides feedback to junior team members on their history taking skills.
- Demonstrates the ability to independently perform an accurate physical examination with both normal and abnormal physical findings:
 - Screening Thyroid exam
 - Screening Diabetic foot exam using monofilament
 - Diabetic ulcers
 - Neurologic exam for evidence of stocking glove neuropathy and other diabetic neuropathies (mononeuritis, amyotrophy)
 - Screening exam for kyphosis
 - Thyromegaly and thyroid nodules
 - Recognizes evidence of diabetic retinopathy or prior laser therapy to the retina
- Reliably recognizes critical illness and can independently initiate emergent and ongoing management strategies.
- Writes progress notes that identify important data and demonstrate thoughtful problem based assessment and plan.
- Recognizes, initiates management for, and outlines therapeutic goals for:
 - Uncontrolled DM (Hyperosmolar states, DKA, Asymptomatic hyperglycemia)
 - New onset DM
 - Hyperthyroidism and thyroid storm
 - Adrenal Disorders (Cushing's, pheochromocytoma)
 - Pituitary disorders
 - Pheochromocytoma



- Dyslipidemia
- Hypothyroidism in the young and in the elderly
- Hypertension and dyslipidemia in a diabetic patient

Procedural Skills:

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- Independent in performing, interpreting and planning appropriate procedures for patients with endocrine disease
 - Bone Density Scans
 - Pheochromocytoma screens
 - MRI of the pituitary
 - FNA of the thyroid
 - Thyroid uptake scan for Grave's disease, factitious hyperthyroidism

Medical Knowledge:

PGY-3

- Understanding and application of medical literature and relevant basic science knowledge related to common endocrine conditions.
- Applies in the following common medical conditions:
 - Chronic Diabetes Mellitus
 - Thyroid Disease
 - Adrenal Insufficiency
 - Hypercalcemia
 - Osteoporosis and Metabolic Bone Disorders
 - Cushing's Syndrome
 - Endocrine neoplasms

Practice-Based Learning and Improvement:

PGY-3

- Seeks and accepts feedback from team about patient care, organization and presentations.
- Understands EBM principles, and utilizes relevant research to support decision-making and teaching of junior team members.
- Appropriately integrates EBM with expert opinions and professional judgment.
- Ability to accurately self-assess skills and performance
- Identifies knowledge deficiencies and seeks to correct them.

Interpersonal and Communication Skills:

PGY-3

- Effectively establishes rapport with patients and families.
- Able to deal with the most challenging patients and families with minimal direction.
- Provides timely and thorough electronic documentation of patient care.
- Effectively carries out difficult discussions, such as sensitive topic discussions with moderate faculty input.



- Provides teaching and feedback to more junior team members on their communication styles.
- Coordinates team communication to optimize patient care.
- Functions as an effective team leader with decreasing reliance on attending.

Professionalism:

PGY-3

- Demonstrates integrity, respect for others, honesty and compassion.
- Strives for patient care and knowledge excellence.
- Reliably identifies and accomplishes necessary tasks.
- Sets a tone of respect and collegiality for the team.
- Acts as role model for patient care and professional behavior.

Systems-Based Practice:

PGY-3

- Utilizes the multidisciplinary resources necessary to care optimally for patients.
- Effectively collaborates with other members of the health care team to ensure comprehensive care for patients with medical illness, including residents at all levels, medical students, nurses, clinical pharmacists, occupational therapists, physical therapists, nutrition specialists, patient educators, speech pathologists, respiratory therapists, social workers, case managers, discharge planners, and providers of home health services
- Uses cost-conscious strategies in the diagnostic, treatment, and care of patients with endocrine disease.
- Demonstrates willingness and ability to teach medical students and junior residents.

Evaluation Methods Used in this Rotation:

- Procedure logs
- End of Rotation Competency Assessment
- End of Rotation quiz