LEARNING OBJECTIVES: <u>EL INTERNAL MEDICINE ENDOCRINOLOGY ELECTIVE</u>

| Overarching Goals of Curriculum | Elective objectives: By the end of the rotation, students will be expected to: | Where/how taught | Taught by | How achievement of objective is assessed | How feedback is given | Quantity target |
|---------------------------------------|---|---|------------------------------------|--|--|-----------------|
| 1, 2, 3, 4, 5, 6 | 1. History skills: Gather the important information that is needed for the Endocrinology & Metabolism history and complete a history in the medical record for at least 8 patients. a. The student should name all the routine questions that are involved in taking a history of the diabetes, osteoporosis and other metabolic bone diseases, and the most common disorders of the thyroid, adrenal and pituitary glands, and why they are being asked. | YNHH wards/ICUs; Endocrine clinics (VA, Smilow, Dana 2) | Endocrine Attending/ Fellows | Direct observation of history taking and/or direct evaluation of presentation. | Immediate verbal feedback; written feedback at end of rotation. | 8 patients |
| 1, 2, 3, 4, 5 | 2. Physical examination skills: Complete a pertinent Endocrinology & Metabolism physical examination on at least 8 patients. The student should demonstrate the ability to perform this pertinent physical examination while being observed by at least one attending or fellow. a. The student should know how to differentiate clinical signs of diabetes and its complications, osteoporosis and other metabolic bone diseases, and disorders of the thyroid, adrenal and pituitary glands. b. The student should be able to explain each part of the physical examination as it relates to diabetes, osteoporosis and other metabolic bone diseases, and the most common disorders of the thyroid, adrenal and pituitary glands; why they are being performed; and what abnormalities are being sought. | YNHH wards/ICUs; Endocrine clinics (VA, Smilow, Dana 2) | Endocrine Attending/ Fellows | Direct observation of examination and/or discussion of exam findings during presentation; confirmation of pertinent physical findings in clinic. | Immediate verbal feedback; written feedback at end of rotation. | 8 patients |
| 1, 2, 3, 4, 5, 6, 7, 8 | 3. Knowledge/diagnostic and treatment skills: Know about common endocrine and metabolic conditions, for example: a. Know the underlying causes of Type 1 and Type 2 diabetes, osteoporosis and other metabolic bone diseases, and the most | YNHH wards/ICUs; Endocrine clinics (VA, Smilow, Dana 2) | Endocrine Attending/ Fellows | Direct evaluation of presentation; ad hoc discussions during work and attending rounds, conferences, and clinic. | Immediate verbal feedback; written feedback at end of rotation. | 8 patients |

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|---------------------------------------|---|---|------------------------------------|--|---|---|
| | common disorders of the thyroid, adrenal and pituitary glands. b. Recognize at the main laboratory and/or radiographic abnormalities that are seen in these conditions. c. Describe the first line therapies for each of these conditions. | | | | | |
| 4 | 4. Procedural skills . None. | N/A | N/A | N/A | N/A | N/A |
| 4, 5, 6 | 5. Attitude: Demonstrate professional responsibility in working as a team member with other members of the Endocrinology & Metabolism care team, patients and families. a. The student should exhibit sensitivity to the particular psychosocial issues faced by endocrine patients and their families. b. The student should exhibit honesty, accuracy and integrity in all interactions with patients, families, colleagues and others. | YNHH wards/ICUs; Endocrine clinics (VA, Smilow, Dana 2) | Endocrine Attending/ Fellows | Direct observation during work rounds, attending rounds, clinic, and conferences; ad hoc interactions with team. | Immediate verbal feedback; ad hoc feedback while the inpatient and outpatient experiences; written feedback at end of rotation. | None - continuous during elective. |
| 5, 6, 8 | 6. Career/context: Know the training/career pathway for Endocrinology & Metabolism. a. Know 3 aspects of career satisfaction in this specialty. b. Know key roles that the specialty plays in the health care system. | YNHH wards/ICUs; Endocrine clinics (VA, Smilow, Dana 2) | Endocrine Attending | Direct discussion during attending rounds and clinic. | Ad hoc feedback during the inpatient and outpatient experiences. | N/A |