**October 20, 2020 Objectives**

**Adrenal Insufficiency:**

1. Describe the clinical symptoms, physical exam findings, and laboratory findings that should prompt an internist to suspect adrenal insufficiency.
2. List and describe several genetic disorders, drugs, and disease states that are associated with adrenal insufficiency (at least 3 of each.)
3. Describe the appropriate testing to diagnose adrenal insufficiency in a patient who is stable and a patient who is unstable.
4. Describe the appropriate management of patients with primary adrenal insufficiency who are stable, mildly sick, and critically ill.
5. Know the equivalent doses of prednisone, methylprednisolone, hydrocortisone, and dexamethasone.

**Adrenal Hyperfunction and nodules:**

1. Describe the clinical symptoms, exam findings, and lab findings that would prompt an internist to suspect Cushing’s syndrome.
2. List several associated diseases.
3. Describe the appropriate testing to confirm the diagnosis.
4. Describe the two main treatment modalities.
5. Know the appropriate serological tests to perform on an adrenal nodule, and the indications (if there are any).
6. List the radiologic features that can indicate a nodule is higher or lower risk for malignancy.

**Pituitary Diseases:**

1. List the types of pituitary adenomas (based on the cell type of origin and the type of hormone secreted), and know their relative frequency from most common to least common. Distinguish between a macroadenoma versus a microadenoma.
2. Describe the three possible clinical scenarios that may signal the possibility of a pituitary neoplasm to the astute clinician and how they may present in men versus women.
3. Describe the appropriate diagnostic work up to evaluate for hormone hypersecretion and hyposecretion.