**AHD OBJECTIVES 4-17-18, ENDOCRINOLOGY MONTH**

**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 decadron.

**Pituitary Diseases:**

1.Describe 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 including the appropriate tests to evaluate for hormone hypersecretion and hyposecretion. Understand the indications for imaging and visual field testing.

4.Describe the appropriate management for prolactinoma, and specifically in the patient who wishes to become pregnant.

5.Describe the appropriate management for patients with growth hormone producing pituitary adenomas (both medical and surgical).

**Obesity:**

1.What are the BMI cut offs for obesity and overweight.

2. What are the tools and guidelines for screening obesity?

3. What are the lifestyle measures used in the treatment of obesity?

4. What are the criteria to use pharmacological therapy in weight loss?

5. What are the drugs uses, list their mechanism of actions and side effects.

6. What are the criteria for bariatric surgery in the treatment of obesity?

7. List the various types of bariatric surgeries and underlying procedures.