

Pituitary & Thyroid

Chapter 24

- I. Anatomy
 - A. Hypothalamus
 - 1. master endocrine gland
 - B. Pituitary gland
 - 1. anatomy
 - 1) posterior
 - 2) anterior
 - 2. affects
- II. Anterior Pituitary Hormones
 - A. ACTH
 - 1. cosyntropin
 - B. Growth hormone
 - 1. IGFs
 - 2. somatropin
 - 3. somatostatin (GHIH)
 - a. octreotide
 - b. lanreotide
 - C. Gonadotropins
 - 1. GnRH
 - a. luprolide
 - b. goserelin
 - c. nafarelin
 - d. histrelin
 - 2. gonadotropins
 - 3. FSH
 - 4. LH
 - 5. drugs
 - a. menotropins
 - b. urofollitropin
 - c. follitropin
 - d. choriogonadotropin
 - D. Prolactin
- III. Posterior Pituitary Hormones
 - A. Oxytocin
 - B. Vasopressin = ADH
 - 1. drug
 - a. desmopressin
- IV. Thyroid Hormones
 - A. Gland
 - 1. thyroglobulin
 - B. thyroid hormone (TH)
 - 1. thyroxine = T_4
 - 2. triiodothyronine = T_3
 - C. Physiological actions
 - D. Hormone storage & release
 - E. Drugs
 - 1. levothyroxine
 - 2. liothyronine