

# ENDOCRINOLOGY



STARTING DATE: \_\_\_\_\_

RATING: ☆☆☆☆☆

## HIGH YIELD TOPICS:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### PART 1 : EMBRYOLOGY

- PHARYNGEAL POUCH \_\_\_\_\_
- PHARYNGEAL GROOVES (CLEFTS) \_\_\_\_\_
- THYROID GLAND \_\_\_\_\_
- LINGUAL THYROID \_\_\_\_\_
- THYROGLOSSAL CYST \_\_\_\_\_
- THYROGLOSSAL FISTULA \_\_\_\_\_
- DIGEORGE SYNDROME (22Q11 DELETION) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### PART 2 : ANATOMY & PATHOPHYSIOLOGY

- HYPOTHALAMIC-ANTERIOR PITUITARY SYSTEM \_\_\_\_\_
- PITUITARY GLAND \_\_\_\_\_
- ANTERIOR PITUITARY \_\_\_\_\_
- POSTERIOR PITUITARY \_\_\_\_\_
- ANTERIOR & POSTERIOR PITUITARY HORMONES \_\_\_\_\_
- HYPOTHALAMIC-PITUITARY HORMONES \_\_\_\_\_
- GROWTH HORMONE \_\_\_\_\_
- GIGANTISM \_\_\_\_\_
- ACROMEGALY \_\_\_\_\_
- PITUITARY DWARFISM \_\_\_\_\_
- PITUITARY ADENOMA \_\_\_\_\_
- HYPERPROLACTINEMIA \_\_\_\_\_

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## PART 3 : ANATOMY & PATHOPHYSIOLOGY

- CRANIOPHARYNGIOMA
- SHEEHAN SYNDROME
- PITUITARY APOPLEXY
- EMPTY SELLA SYNDROME
- POSTERIOR PITUITARY
- ANTIDIURETIC HORMONE (VASOPRESSIN)
- DIABETES INSIPIDUS
- PRIMARY (PSYCHOGENIC) POLYDIPSIA
- SIADH
- OXYTOCIN
- \_\_\_\_\_
- \_\_\_\_\_

## PART 4 : ADRENAL GLAND

- ADRENAL GLAND
- PHYSIOLOGICAL EFFECT OF CORTISOL (GLUCOCORTICOID)
- \_\_\_\_\_
- PHYSIOLOGICAL ACTION OF ALDOSTERONE
- JUXTAGLOMERULAR APPARATUS
- PHYSIOLOGICAL ACTION OF ANDROGENS AND ESTROGENS
- \_\_\_\_\_
- CUSHING SYNDROME
- ADRENAL INSUFFICIENCY**
- PRIMARY ADRENAL INSUFFICIENCY
- SECONDARY ADRENAL INSUFFICIENCIES
- TERTIARY ADRENAL INSUFFICIENCIES

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## PART 5 : ADRENAL GLAND

- ADRENAL CRISIS
- PRIMARY HYPERALDOSTERONISM (CONN'S SYNDROME)
- SECONDARY HYPERALDOSTERONISM
- CONGENITAL ADRENAL HYPERPLASIA
- 21-HYDROXYLASE DEFICIENCY
- 11 B-HYDROXYLASE DEFICIENCY
- 17 A-HYDROXYLASE DEFICIENCY
- ADRENAL MEDULLA**
- PHEOCHROMOCYTOMA
- NEUROBLASTOMA
- \_\_\_\_\_
- \_\_\_\_\_

## PART 6 : THYROID GLAND

- THYROID HORMONES
- PHYSIOLOGICAL ACTION OF THYROID HORMONES
- REGULATION OF THYROID HORMONES
- HYPOTHYROIDISM
- HASHIMOTO'S THYROIDITIS
- SUBACUTE THYROIDITIS
- RIEDEL THYROIDITIS
- CONGENITAL HYPOTHYROIDISM (CRETINISM)
- POSTPARTUM THYROIDITIS
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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## PART 7 : THYROID GLAND

- HYPERTHYROIDISM
- GRAVE'S DISEASE
- TOXIC MULTINODULAR GOITER
- THYROID STORM
- JOD-BASEDOW PHENOMENON
- THYROID ADENOMA
- THYROID CANCER
- PAPILLARY CARCINOMA
- FOLLICULAR CARCINOMA
- MEDULLARY CARCINOMA
- UNDIFFERENTIATED/ANAPLASTIC CARCINOMA
- CALCIUM HEMOSTASIS

## PART 8 : PARATHYROID HORMONE

- CALCITONIN
- VITAMIN D (CHOLECALCIFEROL)
- DISORDERS OF CALCIUM METABOLISM
- HYPERCALCEMIA
- PRIMARY HYPERPARATHYROIDISM
- SECONDARY HYPERPARATHYROIDISM
- TERTIARY HYPERPARATHYROIDISM
- HYPOCALCEMIA
- PSEUDOHYPOPARATHYROIDISM TYPE 1A
- PSEUDOPSEUDOHYPOPARATHYROIDISM
- \_\_\_\_\_
- \_\_\_\_\_

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## PART 9 : PANCREAS

- INSULIN
- GLUCAGON
- DIABETES MELLITUS
- TYPE 1 VS. TYPE 2 DIABETES MELLITUS
- COMPLICATION OF DIABETES MELLITUS
- CHRONIC COMPLICATIONS
- ACUTE COMPLICATIONS**
- DIABETIC KETOACIDOSIS
- HYPEROSMOLAR HYPERGLYCEMIC STATE (HHS)
- HYPOGLYCEMIA
- \_\_\_\_\_
- \_\_\_\_\_

## PART 10 : PANCREAS

- INFANT OF DIABETIC MOTHER
- METABOLIC SYNDROME (SYNDROME X)
- INSULINOMA
- ZOLLINGER-ELLISON SYNDROME
- GLUCAGONOMA
- SOMATOSTINOMA
- NEUROENDOCRINE TUMORS
- MULTIPLE ENDOCRINE NEOPLASIA
- APPETITE REGULATION**
- GHRELIN
- LEPTIN
- ENDOCANNABINOID

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## PART 11 : PHARMACOLOGY

- DIABETES MELLITUS THERAPY
- INSULIN PREPARATIONS**
- SHORT ACTING INSULIN (REGULAR)
- RAPID ACTING INSULIN (LISPRO, ASPART, GLULISINE)
- \_\_\_\_\_
- INTERMEDIATE ACTING INSULIN (NPH)
- LONG ACTING INSULIN (DETEMIR, GALARGINE)
- ORAL HYPOGLYCEMIC DRUGS**
- BIGUANIDES (METFORMIN)
- SULFONYLUREAS
- GLITAZONES/THIAZOLIDINEDIONES
- GLP-1 ANALOGS

## PART 12 : PHARMACOLOGY

- DPP-4 INHIBITORS
- ALPHA-GLUCOSIDASE INHIBITORS
- SGLT-2 INHIBITORS
- AMYLIN ANALOGS
- THIONAMIDES
- RADIOACTIVE IODINE
- LEVOTHYROXINE (T4), LIOTHYRONINE (T3)
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
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## PART 14 : HYPOTHALAMIC PITUITARY DRUGS

- |   |                                |
|---|--------------------------------|
| <input type="checkbox"/> <u>ADH ANTAGONISTS (CONIVAPTAN, TOLVAPTAN)</u> | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____  | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>DESMOPRESSIN ACETATE</u>                    | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>GH</u>                                      | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>OXYTOCIN</u>                                | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>SOMATOSTATIN (OCTREOTIDE)</u>               | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>DEMECLOCYCLINE</u>                          | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>GLOCOCORTICIDS</u>                          | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>FLUDROCORTISONE</u>                         | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>CINACALCET</u>                              | <input type="checkbox"/> _____ |
| <input type="checkbox"/> <u>SEVELAMER</u>                               | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____  | <input type="checkbox"/> _____ |

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