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Endocrine System

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| **Across**  **4.** Excessive hunger  **9.** Severe form of hyperthyroidisms more common in women than men  **11.** Gonads of the male  **16.** Fished shaped organ located behind the stomach  **17.** "Chemical Messengers"  **19.** Synthesizes hormones that regulate the body's metabolism and control of calcium  **22.** Sex glands of the female  **24.** Caused by decreased secretion of aldosterone on the part of the adrenal cortex  **25.** Obtained from certain foods and iodized salt  **26.** Oversecretion of somatrotropin in an adult usually caused by a benign tumor of pituitary gland  **27.** Decreased secretion of vasopressin, or antidiuretic hormone (ADH)  **28.** Causes low level of calcium in the blood | **Down**  **1.** Can be treated with injections of somatotropic hormone for 5 or more years until long bone growth complete  **2.** Temporary endocrine gland produced during pregnancy  **3.** Excessive thirst  **5.** Classic symptom of this disease is weight loss. Can treat with radiation or thyroidectomy.  **6.** Sugar in urine  **7.** 4 small glands located behind and attached to the thyroid gland  **8.** Group of ductless glands that secrete substances directly into the bloodstream  **10.** Chronic disease caused by decreased secretion of insulin  **12.** Two forms exist of this disease: Myxedema and Cretinism  **13.** "Master gland"  **14.** Protruding eyeballs  **15.** Oversecretion of glucocorticoids on the part of the adrenal cortex  **18.** Low blood sugar  **20.** Subrenal glands because one is located above each kidney  **21.** Causes excessive growth of long bones, extreme tallness, decreased sexual development  **23.** Caused by a hyperactive thyroid, an iodine deficiency. Can cause dysphagia. |