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Endocrine System Puzzle

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| **Across****4.** a low blood glucose level**7.** monosaccharide, primary energy source for body cells**13.** hypersecretion of growth hormone in adult, resulting in excessive growth of bones of the face,hands, & feet**14.** the pituitary gland**15.** a hormone secreted by the thyroid gland that increases energy production & protein synthesis **16.** a decrease in secretion of hormones, or low amounts secreted**18.** the endocrine portions of the pancreas that secrete insulin & glucagon**20.** the condition of being abnormally small, caused by deficiency of growth hormone**21.** cells of islets of Langerhans of the pancreas that secrete the hormone insulin**22.** having the same effects as sympathetic impulses, as has epinephrine**23.** a high blood calcium level**24.** hypersecretion of thyroxine, believed to be autoimmune disease, symptoms reflect the metabolic rate | **Down****1.** the conversion of stored glycogen to glucose to be sued for energy production**2.** the conversion of glucose to glycogen to be stored as potential energy**3.** drowsiness, laziness, or indifferent **5.** a low blood calcium level**6.** polysaccharide, storage of excess glucose in liver and or muscle**8.** an increase in secretion of hormones, or high amounts secreted**9.** cells of ISlets of Langerhans of the pancreas that secrete hormone glucagon**10.** hyposecretion of thyroxine in an adult, decreased metabolic rate results in physical & mental lethargy**11.** an enlargment of the thyroid gland, due to lack of dietary iodine**12.** a high blood glucose level**17.** the organ in which a hormone exerts its specific effects**19.** excessive growth of the body or its parts; result of hypersecretion of growth hormone in childhood |