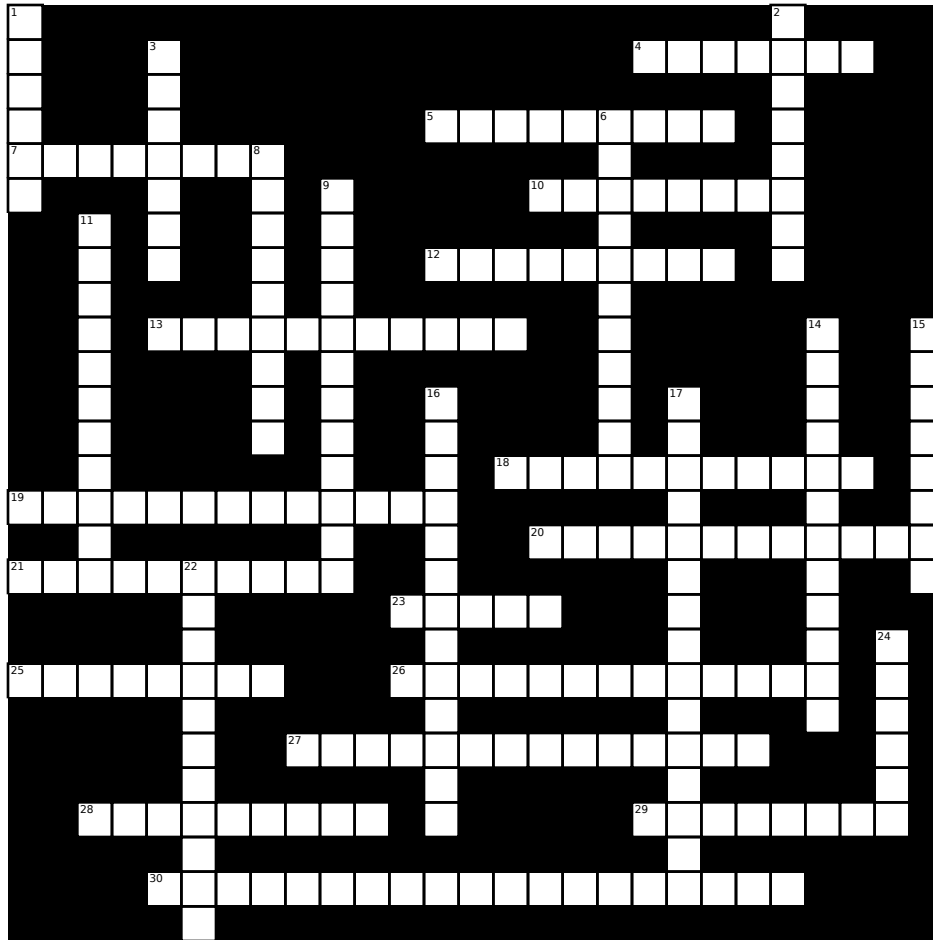


Endocrine System

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Across

- 4 located in the front part of the lower neck, is shaped like a bow tie or butterfly
- 5 It's often called the "master gland" because it makes hormones that control several other endocrine glands.
- 7 _____ glands such as the sweat and salivary glands, release secretions in the skin or inside the mouth.
- 10 triggers the contractions of the uterus in a woman having a baby.
- 12 a hormone that may help regulate when you sleep at night and when you wake in the morning.
- 13 secreted by the pituitary gland
- 18 increases blood pressure and heart rate when the body experiences stress.
- 19 stimulates the growth of bone and other body tissues and plays a role in the body's handling of nutrients and minerals
- 20 regulates the activity of the thyroid, adrenals, and reproductive glands.
- 21 chemicals that act on the nervous system and reduce feelings of pain.
- 23 is a group of cells that produces and secretes, or gives off, chemicals. A gland selects and removes materials from the blood, processes them, and secretes the finished chemical product for use somewhere in the body.
- 25 part of the body's hormone-secreting system, even though it is also associated with the digestive system because it produces and secretes digestive enzymes.
- 26 stimulates the adrenal gland to produce certain hormones
- 27 condition in which the levels of thyroid hormones in the blood are very low.
- 28 activates milk production in women who are breastfeeding
- 29 When the pancreas fails to produce enough insulin, type 1 _____ occurs.
- 30 _____ helps control the balance of water in the body

Down

- 1 are located in the scrotum
- 2 transfer information and instructions from one set of cells to another.
- 3 located in her pelvis
- 6 stimulates the thyroid gland to produce thyroid hormones
- 8 _____ glands release more than 20 major hormones directly into the bloodstream where they can be transported to cells in other parts of the body.
- 9 Nerve cells in the _____ control the pituitary gland by producing chemicals that either stimulate or suppress hormone secretions from the pituitary.
- 11 Attached to the thyroid are four tiny glands that function together called the _____
- 14 one on top of each kidney
- 15 involved when a girl begins to go through puberty
- 16 produces hormones called corticosteroids that influence or regulate salt and water balance in the body
- 17 condition in which the levels of thyroid hormones in the blood are very high.
- 22 is located in the middle of the brain
- 24 are the main source of sex hormones