



ACROSS

- 1 Thin, watery fluid composed of water, digested nutrients, hormones, etc.
- 6 Disease caused by oversecretion of growth hormone causing enlargement of hands and feet
- 8 Gland located in the brain that helps regulate the sleep/wake cycle
- 12 Filter the lymph and remove the impurities circulating in the body such as cancer cells, pathogens and dead blood cells
- 13 Cancerous disease of the lymph system requiring chemotherapy and radiation
- 15 Gland that regulates absorption of sodium in the kidneys and stimulates the "fight or flight" syndrome
- 17 Type of diabetes caused by decreased secretion of a diuretic hormone causing water not to be reabsorbed by the kidneys
- 19 Gland attached to the brain that aids in the control onset of puberty
- 22 Disease caused by decreased secretion of adrenal gland
- 23 Temporary gland of the female whose only function is to act as a link between mother and infant during pregnancy

- 25 Overactivity of the thyroid gland which increases metabolism, rapid pulse, tremors, etc.
- 26 Gland that aids in digestion and produces insulin which aids in the absorption of sugar
- 29 Organ located beneath the diaphragm that produces leukocytes and antibodies
- 30 Masses of lymphatic tissue that filter fluid
- 31 Gland found under the sternum that aids in development of immunity; atrophies after puberty

DOWN

- 2 4 small glands found behind the thyroid gland; regulates calcium in the blood and important for blood clotting
- 3 Disease that is a severe form of hyperthyroidism; more common in women; causes goiters, irritability, weight loss, etc.
- 4 Gland that regulates amount of calcium and phosphate in the blood
- 5 Undersecretion of growth hormone that results in small body size and short extremities, but normal mental development
- 7 Gland that regulates body's metabolism and controls the level of calcium in the blood
- 10 Gland that acts on the body's metabolism and absorption of calcium by the bones
- 11 Gland that activates immune system but

- atrophies during puberty
- 13 "chemical messengers" transported throughout the body by the bloodstream
- 14 Considered to be the "master gland" because it produces many hormones that affect other glands
- 16 Female glands that promote female sex characteristics and aids in maintaining pregnancy
- 18 Underactivity of thyroid gland and a deficiency in hormones resulting in lack of growth, intolerance to cold, weight gain, etc.
- 20 Oversecretion of growth hormone causing excessive growth of long bones and, most times, mental retardation
- 21 Gland that aids in digestion of food and responsible for production of insulin needed to absorb sugar
- 24 Specialized lymphatic capillaries that pick up digested fats and transport them to the bloodstream
- 27 Glands found above each kidney; responsible for "fight or flight" syndrome
- 28 Enlargement of the thyroid gland causing a large mass to appear at the base of the neck leading to difficulty swallowing and a choking sensation

Endocrine System

