

NURSING HEALTH ENDOCRINE SYSTEM CASE STUDY_ Endocrine System Study Guide

Adrenal gland - ✓✓ANSWER✓✓either of a pair of complex endocrine glands situated near the kidney. Triggers the body's response to an emergency situation known as the "flight or fight" reaction in the nervous system.

diabetes - ✓✓ANSWER✓✓A medical condition that can cause the body to require the endocrine system to have negative feedback. This condition is marked by excessive urination and persistent thirst

Endocrine system - ✓✓ANSWER✓✓The system of glands that produce endocrine secretions that help to control bodily metabolic activity, and the organs that have major functions outside the system: pancreas, gonads, hypothalamus.

Glucose - ✓✓ANSWER✓✓The body's blood sugar; a simple form of carbohydrate

Homeostasis - ✓✓ANSWER✓✓The body's ability to maintain balance in the nervous system to offset disrupting changes from the environment.
(EXAMPLE: body temperature stays 98.6 when you walk outside and it's 32 degrees)

Insulin - ✓✓ANSWER✓✓hormone secreted by the pancreas; lowers blood glucose levels.

Melatonin - ✓✓ANSWER✓✓ A hormone secreted by the pineal gland; regulates sleep/ wake cycles.

Pancreas - ✓✓ANSWER✓✓ a large elongated exocrine gland located behind the stomach. It releases insulin and glucagon to break down food for energy.

Parathyroid gland - ✓✓ANSWER✓✓ Any one of four endocrine glands situated above or within the thyroid gland