

PANCREAS: FUNCTIONAL ANATOMY CHART

Endocrine and Exocrine Systems Overview

[ILLUSTRATION: ANATOMY OF THE PANCREAS]

EXOCRINE FUNCTION (DIGESTION)

Amylase Breaks down carbohydrates and starches into sugars.

Protease Breaks down proteins into amino acids.

Lipase Works with bile to break down dietary fats.

ENDOCRINE FUNCTION (HORMONES)

Insulin (Beta Cells) Lowers blood glucose by facilitating cellular uptake.

Glucagon (Alpha Cells) Raises blood glucose by signaling the liver to release stored sugar.

Somatostatin Regulates and balances the release of other hormones.

Reference Template: Clinical Education Series | Not for Medical Diagnosis