

FUNCTIONAL ANATOMY OF THE PANCREAS

[Anatomical Diagram: Head, Neck, Body, Tail, and Ductal System]

GROSS ANATOMY

Region	Description
Head	Nestled in the C-loop of the duodenum.
Body	Extends horizontally behind the stomach.
Tail	Tapered end reaching the splenic hilum.
Ducts	Main (Wirsung) & Accessory (Santorini).

FUNCTIONAL HISTOLOGY

Component	Function
Exocrine (Acini)	Secretes digestive enzymes (Lipase, Amylase).
Endocrine (Islets)	Hormone production (Insulin, Glucagon).
Alpha Cells	Secrete Glucagon (Increases blood glucose).
Beta Cells	Secrete Insulin (Decreases blood glucose).

CLINICAL NOTES / OBSERVATIONS

Ref: Clinical Anatomy Template & For Educational Purposes Only