

DIGESTIVE SYSTEM FUNCTION CHART

Reference Template ID: MED-DIG-001

Patient Name: _____

Date: _____

ORGAN	PRIMARY FUNCTION	ENZYMES / SECRETIONS
Mouth	Ingestion, mechanical breakdown via mastication, and chemical start of carbohydrate digestion.	Salivary Amylase, Lingual Lipase, Mucus
Esophagus	Propulsion of food bolus via peristalsis from pharynx to stomach.	Mucus (lubrication)
Stomach	Mechanical churning, protein denaturation, and storage.	Pepsinogen, HCl, Gastric Lipase, Gastrin
Small Intestine	Primary site of chemical digestion and nutrient absorption.	Enterokinase, Lactase, Maltase, Peptidases
Pancreas	Exocrine secretion of digestive enzymes into the duodenum.	Trypsin, Chymotrypsin, Amylase, Lipase, Bicarbonate
Liver / Gallbladder	Bile production and storage for lipid emulsification.	Bile Salts, Bilirubin
Large Intestine	Absorption of water/electrolytes and formation of feces.	Bacterial fermentation gases, Vitamin K

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