

Gastrointestinal Physiology // Kim Barrett // 2005 // 250 pages // 9780071423106 //

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Welcome to Anatomy and Physiology, an OpenStax resource. This textbook was written to increase student access to high-quality learning materials, maintaining highest standards of academic rigor at little to no cost. About OpenStax. This book offers one of the most comprehensive reviews in the field of gastrointestinal (GI) physiology, guiding readers on a journey through the complete digestive tract, while also highlighting related organs and glandular systems. It is not solely limited to organ system physiology, and related disciplines like anatomy and histology, but also examines the molecular and cellular processes that keep the digestive system running. The gastrointestinal system is responsible for the breakdown and absorption of various foods and liquids needed to sustain life. Other diseases and disorders treated by clinicians in this area include: food allergies, constipation, chronic liver disease and cirrhosis, gallstones, gastritis, GERD, hemorrhoids, IBS, lactose intolerance, pancreatic, appendicitis, celiac disease, Crohn's disease, peptic ulcer, stomach ulcer, viral hepatitis, colorectal cancer and liver transplants. Pathophysiology of the gastrointestinal tract and exocrine pancreas PART V. Pathophysiology of the liver PART VI. Pathophysiology of the kidneys PART VII. Pathophysiology of the endocrine system PART VIII. 2. Increased blood loss: Hemorrhages from gastrointestinal tract (gastritis, gastric ulceration, tu