

The Alimentary Tract: Basic Principles and Case Problems, 9780721632681, Saunders, 1974, 1974, Harvey J. Dworken

of absorption Basic mechanisms of absorption: - diffusion (movement along electrochemical gradient). May be passive or facilitated. - secondary active transport (coupled with Na) Energy gives NaK-ATPase of contraluminal surface. - both ways: Na-cotransport through luminal membrane of enterocyte and diffusion through the contraluminal one Water is absorbed by the process of osmosis - the chyme remains isoosmotic. - Absorption of sodium ions: - crucial for energization of nutrient uptake and water absorption! - active component: NaK-ATPase of contraluminal surface - passive component: various ways how to move sodium from the lumen of intestine to the cytoplasm Problems associated with dyspepsia; diseases of the gall bladder and the pancreas; various gastrointestinal problems; and rare gastrointestinal disorders are also explained. The book also describes Crohn's disease, disorders of the colon, as well as gastrointestinal tract involvement in some systemic diseases. Professional gastroenterologists and students taking courses related to gastroenterology will find the book invaluable. The Alimentary Tract; book. Read reviews from world's largest community for readers. - Let us know what's wrong with this preview of The Alimentary Tract; by Harvey J. Dworken. Problem: It's the wrong book It's the wrong edition Other. Details (if other): Cancel. Thanks for telling us about the problem. Return to Book Page. Not the book you're looking for? Preview - The Alimentary Tract; by Harvey J. Dworken. The Alimentary Tract;: Basic Principles and Case Problems. by. Harvey J. Dworken. The alimentary tract is a musculomembraneous canal about 8.5 metres in length. It extends from the oral cavity to the anus. It consists of the mouth, pharynx, esophagus, stomach, small intestine, and large intestine. The liver with the gallbladder and the pancreas are the large glands of the alimentary tract. The first division of the alimentary tract is formed by the mouth. Important structures of the mouth are the teeth and the tongue which is the organ of taste. The soft and hard palates and the salivary glands are also in the oral cavity. From the mouth food passes through the pharynx to the stomach. Eighth edition. - Saunders, 2015. - 3904 p. - ISBN 978-1-4557-4801-3. After thirty five years, Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 8th Edition is still the reference of choice for comprehensive, global guidance on diagnosing and treating the most challenging infectious diseases. Drs. John E. Bennett and Raphael Dolin along with new editorial team member Dr. Martin Blaser have meticulously updated this latest edition to save you time and to ensure you have the latest clinical and scientific knowledge at your fingertips.