



Mosby's Pathophysiology for Health Care Professionals

Bringing Pathophysiology to Life

We Believe in the Power of Education.

Mosby's Pathophysiology for Health Care Professionals immerses you in an interactive learning experience with state-of-the-art narrated animations and algorithms to help visualize some of the most challenging pathophysiologic processes. Animations provide an understanding of how the disease process impacts patient care.

Mosby's Pathophysiology for Health Care Professionals empowers hospital staff with the knowledge to make better decisions concerning the care of patients. This program provides consistent in-house training for hospital staff, while improving staff confidence when interacting with patients.

Features include:

- Narrated animations to help visualize some of the most challenging pathophysiologic processes
- High-quality images to illustrate difficult concepts and key clinical presentations of disease processes for all body systems
- Case studies to reinforce critical thinking skills
- Immediate feedback on all activities and assessments throughout, reinforcing learning and encouraging subject mastery
- Glossary to provide quick, easy access to definitions of new and unfamiliar terms

For a list of courses, see side two:



mc strategies
MISSION CRITICAL PERFORMANCE NOW

Course topics include:

- Genes and Genetic Diseases
- Altered Cellular and Tissue Biology
- Fluid and Electrolytes
- Immunity
- Inflammation
- Hypersensitivities, Infection, and Immunodeficiencies
- Biology of Cancer
- Alterations of Neurologic Function
- Alterations of Hormonal Regulation
- Alterations of Hematologic Function
- Alterations of Cardiovascular Function
- Alterations of Pulmonary Function
- Alterations of Renal and Urinary Tract Function
- Alterations of the Reproductive Systems
- Alterations of Digestive Function
- Alterations of Musculoskeletal Function

webinService®

Close ContentViewer | Lesson Info

< Back Next >

Alterations of Digestive Function

Glossary • Module Outline

5b. Gastroesophageal Reflux Disease

Gastroesophageal reflux disease (GERD) is a common condition in which the lower esophageal sphincter (LES) is incompetent. In other words, gastric contents move from the stomach back up into the lower esophagus because the LES is unable to maintain a high pressure that would otherwise prevent this reflux. Stomach contents include acid and digestive enzymes that can injure the esophageal mucosa, resulting in inflammation of the esophagus known as **reflux esophagitis**. If reflux esophagitis is severe and untreated, the lower mucosa of the esophagus may develop dysplastic changes called Barrett esophagus, which is a serious risk factor for esophageal cancer.

Individuals with GERD complain of abdominal pain, heartburn, dysphagia, and even cough (irritation of the autonomic nerves in the chest). Coughing, lifting, and bending can worsen the condition, as can ingestion of foods that compromise LES function such as caffeine and alcohol.

GERD is usually diagnosed by endoscopy and ambulatory esophageal pH testing. Management includes avoidance of foods and activities that compromise LES function, raising the head of the bed, weight loss, and antacid medications such as proton pump inhibitors.

About MC Strategies

MC Strategies, Inc. has been providing web-based training and education products and services for the healthcare industry since 1986. We offer nursing and clinical-related courses to meet your nurses' education and training needs. As part of Elsevier Health Sciences, home to some of the world's premier names in healthcare publishing, such as **Mosby** and **Saunders**, our library continues to grow.

About WeblnService® Knowledge Deployment System®

Mosby's Pathophysiology for Health Care Professionals is powered by a comprehensive Learning Management System, known as the WeblnService® Knowledge Deployment System® (KDS). WeblnService KDS not only delivers and tracks e-learning, but also schedules, tracks, and generates reporting for all your other learning activities, including classroom training, outside seminars, skill checks, and competencies. Whether at the computer terminal, in the classroom or on the unit, the WeblnService KDS provides a comprehensive training solution for healthcare.

To speak to one of our professional sales associates, please call MC Strategies at 800-999-6274 or visit us online at www.webinService.com/AP.

COMPANION ONLINE PRODUCT - Mosby's Anatomy and Physiology for Health Care Professionals

