Pathophysiology is an overview of the pathology and treatment of diseases in the human body and its systems. This course will explain the processes in the body that result in the signs and symptoms of disease, as well as therapeutic procedures in managing or curing the disease. The content draws on a knowledge of anatomy and physiology to understand how diseases manifest themselves and how they affect the body.

Competencies

- **Organization of the Human Body**
  The graduate examines how the organization of the human body and body systems, including tissues, glands and membranes, relates to the physiological functions of the body and impacts disease processes.

- **Musculoskeletal and Integumentary System**
  The graduate examines common disorders of the musculoskeletal and integumentary systems and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.

- **Nervous and Sensory Organ Systems**
  The graduate examines common disorders of the central nervous system, peripheral nervous system, and sensory organs and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.

- **Circulatory, Cardiovascular, Lymphatic, and Immune Systems**
  The graduate examines common disorders of the cardiovascular, circulation, lymphatic, and immune systems and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.

- **Respiratory System**
  The graduate examines common disorders of the respiratory system and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.

- **Digestive System**
  The graduate examines common disorders of the digestive system and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.

- **Urinary, Endocrine, and Reproductive Systems**
  The graduate examines common disorders of the urinary, endocrine and reproductive systems and associates appropriate diagnostic tests, and therapeutic procedures with these disorders.
Welcome to Pathophysiology! This course provides information about pathology and treatment of diseases in the human body. When you are ready to begin the course, select the “Go to Course Material” button to access Soomo, the primary learning platform where you will find your learning materials. Each topic in the course will relate to specific modules in Soomo. A pacing guide is provided as a suggestion for weekly goals and time management. Your course instructor will inform you how to best schedule time for reading and coursework, help you prepare for the pre-assessment, and provide feedback on your progress. Frequent communication with your program mentor will help you succeed. Competency will be demonstrated by the successful completion of an objective assessment at the end of the course.

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Course Instructor Responsibility
How to Work with Course Instructors