

Course Description:

Provides an understanding of the anatomic structures, physiology, and pathophysiologies encountered during assessment and the provision of care for medical emergencies encompassing immunology, infectious disease including HIV/AIDS, the endocrine system, psychiatric conditions, toxicology, and hematology.

Upon completion of this course, the student can:

1. Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and families.
2. Compile essential and accurate information regarding the chief complaint.
3. Devise informed decisions about diagnostic and therapeutic interventions based on patient information, preferences, and clinical judgment.
4. Develop and carry out patient management plans.
5. Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.
6. Describe the incidence, morbidity and mortality associated with medical emergencies.
7. Analyze the steps involved in assessing and managing medical emergencies using critical thinking, organizational skills, and rational processes.
8. Associate the principles of pathophysiology with physical examination findings to identify and provide treatment for medically compromised patients.
9. Identify, compare, and contrast the pathophysiology, management, and potential consequences of specific medical emergencies.
10. Determine the indications, contraindications, and clinical pharmacology of emergency drugs that may be used in the medical emergency setting.
11. Relate academic knowledge with clinical practice to best resolve the clinical question in each patient situation presented.
12. Recognize the necessity of modifying therapeutic procedures based on patient's response.
13. Demonstrate personal and professional behaviors for sound legal and ethical practice.