

GENERAL SURGERY

[in EMERGENCY PROCEDURES]

Course ID: MED/18

ECTS: 2

2nd Year: 1st semester

Teacher: PROF. SICA Giuseppe S.

Objectives: The didactic curriculum is designed to provide basis in Emergency medical procedures. This course will review the most common medical emergencies and their underlying causes, pathophysiology, and treatment.

Upon conclusion of this course, participants will be prepared to successfully cooperate with other health professionals to diagnose, stabilize, and treat the majority of acute medical conditions.

The mission of the course is to teach the student systematic management principles and a uniform standard of care in the treatment of a wide range of medical emergencies. These may include: triage, trauma care and general critical care resuscitation skills; non cardiac shock management; wounds and bleedings; heat and cold injuries; poisoning management; acid-base homeostasis disorders; gastroenteric bleedings; acute abdominal pain.

Program:

Basic skills in the management of patient with trauma;

Clinical and radiological diagnosis and principles of emergency care: triage, airway assessment, first aid procedures and basic resuscitation maneuvers;

Non cardiac shock: classification, diagnosis and treatment;

Wounds and bleedings: classification (perforating wounds; punctured wounds; gunshot wounds; abrasions wounds; surgical wounds) and primary care trust;

Theoretical and practical knowledge of standards of care in the treatment of heat and cold injuries
poisoning: causes, symptoms and medical care;

Acid-base homeostasis disorders: principles of diagnosis and pharmacologic treatment;

Gastroenteric bleedings: underlying causes, diagnosis and treatment (drug therapy, endoscopic treatment, medical care and surgery);

Acute abdominal pain: classification, symptoms, differential diagnosis and management.

Textbooks: Principles of Surgery, Schwartz (ed. ridotta)

Exam method: written and oral exam and/or laboratory exam.