UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medical-Surgical Emergencies

2324-6-H4101D337

Aims

The course, organized in theoretical modules and training modules in the emergency room, provides the student with the skills to describe the fundamentals, pathophysiological mechanisms, clinical pictures, monitoring and treatment of the main urgent surgical diseases. It will also include intensive inpatient experiences characterized by primary patient care responsibilities and direct relationships with senior faculty

Contents

Evaluation of the patient's general condition. Guidelines for the restoration and maintenance of vital functions.

The internship in PS is divided into three shifts, all characterized by the same type of organization. Therefore the same syllabus will be presented for the three rounds

Detailed program

Anaesthesiology

- Etiology, diagnosis and treatment of acute (pneumonia, ARDS) and chronic respiratory failure
- Etiology, diagnosis and treatment of exacerbation of bronchial asthma and COPD
- Diagnosis and treatment of pulmonary embolism
- Diagnosis and treatment of pneumothorax
- Treatment and differential diagnosis of potentially evolutionary clinical situations: disorders of consciousness, haemodynamic instability, dyspnea
- Pathophysiology, diagnosis and treatment of shock

- Identification and treatment of the main metabolic and endocrinological emergencies and of acid-base disorders
- Diagnosis and treatment of the main neurological emergencies and differential diagnosis of altered mental status
- Diagnosis and treatment of the principal intoxications
- Acute and chronic pain management
- Cardiac arrest, cardiopulmonary resuscitation, management of post-cardiac-arrest-syndrome.

Internal medicine

- Approach and management of the patient presenting with dyspnea;
- Approach and management of the patient presenting with chest pain;
- Approach and management of the patient presenting with hyper and hypotension;
- Approach and management of the patient presenting with endocrinological emergencies.

General surgery

- Development and organization of trauma system for major trauma
- Principles of cardio-respiratory stabilization of trauma patient
- Clinical and instrumental diagnosis in major trauma
- General therapeutic strategies in major trauma
- Evaluation of abdominal pain and general approach to peritonitis.

Prerequisites

To be enrolled in the 6th year of the Master Course in Medicine and Surgery

Teaching form

Frontal lessons. Internship subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

- Manuale di Medicina di Emergenza - Francesco Della Corte et all. ? McGraw?Hill Education (seconda edizione)
- Urgenze ed emergenze ? Maurizio Chiaranda - Piccin, Nuova Libraria (quarta edizione).

Semester

First semester

Assessment method

Multiple choice quiz or direct examination according to the number of student applications

Office hours

on demand according e-mail request

Sustainable Development Goals

QUALITY EDUCATION