



**UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA**

COURSE SYLLABUS

Training in Emergency Room 3

2526-6-H4101D337-H4101D228M

Aims

The internship aims to expose the student to the acute manifestations of the most common pathologies and to the typical case studies of emergency and urgency departments. The student will follow emergency room activities during day and night shifts with direct involvement in patient approaches. In particular, the student will assist and participate in defining diagnostic frameworks and setting therapeutic pathways.

Contents

1. Approach to the patient with altered consciousness
2. Approach to the patient with fever and/or septic state
3. Approach to the patient with chest pain
4. Approach to the patient with dyspnea and respiratory difficulty
5. Approach to the patient with abdominal pain
6. Approach to the patient with symptoms or alterations of the urinary system
7. Approach to the patient with nausea, vomiting, and bowel habit alterations
8. Approach to the patient with gastrointestinal tract hemorrhages
9. Approach to the patient with syncope and fainting
10. Approach to the patient with headache and dizziness
11. Approach to the patient with altered mental status
12. Approach to the patient with simple or complex trauma
13. Pain management
14. Management of wounds and burns

Detailed program

1. Approach to the patient with altered consciousness

- Classification of coma, delirium, and altered consciousness

2. Approach to the patient with fever and/or septic state

- Recognition of sepsis signs
- Establishing a diagnostic framework
- Early antibiotic therapy

3. Approach to the patient with chest pain

- Recognition and treatment of acute coronary syndromes
- Recognition and treatment of major arrhythmias

4. Approach to the patient with dyspnea and respiratory difficulty

- Diagnostic framework of major causes of respiratory difficulty
- Setting up the correct diagnostic pathway
- Recognition of respiratory failures
- Acute treatment

5. Approach to the patient with abdominal pain

- Diagnostic framework of common causes of abdominal pain
- Use of correct diagnostic methods including clinical ultrasound

6. Approach to the patient with symptoms or alterations of the urinary system

- Diagnostic framework of urinary tract infections
- Diagnostic framework of renal colic
- Therapeutic setting

7. Approach to the patient with nausea, vomiting, and bowel habit alterations

- Diagnostic framework
- Pharmacological treatment

8. Approach to the patient with gastrointestinal tract hemorrhages

- Classification of hemorrhagic patients and recognition of shock signs
- Diagnostic framework
- Acute treatment

9. Approach to the patient with syncope and fainting

- Diagnostic framework
- Pharmacological treatment

10. Approach to the patient with headache and dizziness

- Diagnostic framework
- Pharmacological treatment

11. Approach to the patient with altered mental status

- Diagnostic framework and patient approach
- Acute pharmacological treatment

12. Approach to the patient with simple or complex trauma

- Classification of traumatized patients
- Classification and management of polytrauma patients

13. Pain management

- Setting up and adequately managing analgesic therapy

14. Management of wounds and burns

- Dressing simple wounds and burns
- Suturing and managing simple wounds

Prerequisites

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

Teaching form

Internship (42 hours)

Textbook and teaching resource

No teaching materials provided.

Semester

First semester

Assessment method

See generaal Syllabus of the Course Urgenze ed Emergenze Medico Chirurgiche

Office hours

By appointment
giuseppe.foti@unimib.it
emanuele.rezoagli@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION
