UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Emergency Techniques

2122-2-H4101D011-H4101D034M

Aims

Know how to recognize the main emergency conditions in the area and put in place the first rescue maneuvers awaiting the advanced rescue, recognize the cardiac arrest condition, simulate the external cardiac massage and mask ventilation, use a semi-defibrillator on mannequin -automatic, know and apply the international guidelines on basic rescue.

Contents

The Semeiotic Course on simulator carried out with practical exercises with dummies-simulators is aimed at the first learning of the techniques of approach to the patient and the main semeiological maneuvers to be applied in the objective examination, in preparation for the future professional activity carried out in the following years directly on the patient. The tutoring activity involves small groups of students, with the constant presence of the teacher in order to provide the basis for the first approach to theoretical knowledge and to the practical learning of multiple medical, surgical and emergency semeiological maneuvers

Detailed program

ABC of the evaluation of the patient in an emergency

- Assessment of the state of consciousness and of the main neurological syndromes in emergency: coma, convulsive crisis, stroke

- Evaluation of the airway patency and the presence of spontaneous respiratory activity.

- Recognition of respiratory obstruction and respiratory arrest

- Evaluation of the presence of the peripheral pulse and recognition of the cardiac arrest.

- Recognition of the main cardio-circulatory emergencies: ischemia, infarction, syncope.

Basic life support techniques using semi-automatic defibrillator (BLS-D)

- Knowledge of the main basic rescue algorithm according to the International Guidelines.

- Patient positioning

- Airway management: head hyperextension maneuver

- External cardiac massage

- Safety position

- Use of semi-automatic defibrillator

Prerequisites

Knowledge of the introductory courses indicated in the Degree Course regulations

Teaching form

Lectures, exercises

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

Slides

Semester

Second semester

Assessment method

Oral exam and practical test (subject to any ministerial changes following the COVID pandemic situation)

Office hours

By appointment. Contact riccardo.pinciroli@unimib.it.