



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Emergency Techniques

2526-2-H4101D011-H4101D034M

Aims

Know how to recognize the main emergency conditions and perform initial rescue maneuvers while waiting for advanced help; being able to diagnose cardiac arrest, perform external chest compressions and mask ventilation on a mannequin; learn to use a semi- automatic defibrillator; knowing and applying international guidelines on basic life support. The course includes multiple-choice test.

Contents

The "Emergency Techniques" module within the course Semeiotica su Manichini consists of a theoretical part and practical exercises aimed at the early recognition of cardiac arrest and effective cardiopulmonary resuscitation, as well as the use of a semi-automatic defibrillator

Detailed program

- Complete algorithm for the management of cardiac arrest
- Assessment of consciousness level
- Evaluation of airway patency and presence of spontaneous respiratory activity
- Recognition of airway obstruction and respiratory arrest
- Head tilt
- Early alert to advanced rescue services
- Performance of high-quality external cardiac massage
- Application of defibrillator pads
- Safe use of the semi-automatic defibrillator
- Recognition of signs of circulation return

- Recovery/safety position
- Management of airway obstruction

Prerequisites

Basic knowledge of anatomy and physiology

Teaching form

Standard interactive lectures (2h), practical workshop in groups on mannequins (4 h)

Textbook and teaching resource

Slides

Semester

Second semester

Assessment method

Practical test on a mannequin and a multiple-choice written exam

Office hours

To be arranged via email (Thomas.Langer@unimib.it)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | LIFE ON LAND
