

## COURSE SYLLABUS

### Emergency Techniques

2627-2-H4103D161-H4103D16106

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#### 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

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