



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Adult and Pediatric Cardiac Arrest

2122-5-H4101D326

Aims

Recognising symptoms of cardiac arrest

Supporting vital function by external chest compression and mouth-to-mouth ventilation in adult and paediatric patient

Airways management with less invasive (bag mask ventilation) and more invasive techniques (oro-tracheal intubation) in adult and paediatric patient

Learning algorithms to treat adult and paediatric patients affected by cardiac arrest

Contents

Recognition and treatment of adult patient in cardiac arrest, guidelines, algorithms and maneuvers

Detailed program

Basic Life Support fundamentals:

-Airways: anatomy, bag mask ventilation, oro-tracheal intubation

-Ventricular fibrillation

-Asystolia-Pulseless Electrical Activity-External Pacing

-Cardiac arrest scenarios simulation

Prerequisites

Anatomy, Physiology, Pharmacology, Internal Medicine and General Surgery

Teaching form

Frontal lectures, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

European resuscitation council Guidelines

Semester

Second semester; April-May

Assessment method

Attendance

Office hours

By appointment
