UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiac Surgery

2324-4-H4102D024-H4102D085M

Aims

To provide the concepts necessary for understanding pathologies, indications and procedures of the cardiac surgery field.

Contents

The lessons will cover the most important aspects related to surgical treatment of ischemic, valvular and congenital heart diseases. Students will acquire the basic knowledge required to recognize the main cardiac pathologies suitable of surgery and the most important technical procedures.

Detailed program

1. Anatomical concepts related to ischemic, valvular and congenital heart diseases.
2. Basic concepts regarding treatment of coronary artery diseases.
3. Basic concepts regarding treatment of mitral, aortic and tricuspid diseases.
4. Basic concepts regarding treatment of congenital heart diseases.

Prerequisites

Basic knowledge of fundamentals of biology, genetics, morphology, histology, physiology of the cardiovascular system

Teaching form

Lectures will be delivered in the classroom. A discussion time will be included in each lesson with opportunities to discuss practical cases.
Sustainable development goals: lessons will be delivered under goal N.3: Good health and wellbeing.

Textbook and teaching resource

To be determined

Semester

Fourth year of study; first semester

Assessment method

Integrated Written exam: 5 multiple-choice questions within the exam for the Cardiovascular track.

Office hours

Contact by e-mail

Sustainable Development Goals