



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Cardiac Surgery

2122-4-H4102D024-H4102D085M

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#### 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**

During the Covid-19 emergency the lectures will be delivered in a blended form based on National regulations and of the Rectorate of Milano Bicocca

Practical teaching in Cardiac Surgery Ward and in the Operating Room

## **Textbook and teaching resource**

To be determined

## **Semester**

First semester.

## **Assessment method**

During the Covid-19 emergency the exams will be

Integrated Written exam: 5 multiple-choice questions

## **Office hours**

on appointment by email.

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