UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiac Surgery

2021-4-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

During the Covid-19 emergency the lectures will be delivered from remote in asynchronous/synchronous manner and video recorded

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.