UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiac Surgery

2122-4-H4102D027-H4102D094M

Aims

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

Contents

The clerkship 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) Clinical approach and management of the patients presenting with ischemic, valvular or congenital heart diseases in the cardiac surgery ward.

2) Basic concepts regarding surgical treatment of coronary artery diseases.

3) Basic concepts regarding surgical treatment of mitral, aortic and tricuspid diseases.

4) Basic concepts regarding surgical treatment of congenital heart diseases.

Prerequisites

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

Teaching form

Practical guided observation activities with briefings and debriefings by hospital tutor

Practical teaching in Cardiac Surgery Ward and in the Operating Room

Textbook and teaching resource

to be defined

Semester

First Semester

Assessment method

Practical skills observation both in the ward and in the operating room and rating scale assessment

Office hours

Contact by e-mail