UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiac Surgery

2122-6-H4101D336-H4101D125M

Aims

The course aims to provide students with the practical tools essential to be able to carry out a diagnostic-therapeutic process regarding cardiac and cardiovascular diseases

Contents

Understanding of the cardiovascular patient's problems and learning of the surgical diagnostic-therapeutic process

Detailed program

History of cardiac surgery, extracorporeal circulation, cardioplegia, circulation arrest, congenital heart disease

Coronary artery bypass grafting, complications of heart attack

Aortic and Mitral Valvular Diseases, new implantation techniques and devices

Endocarditis, Cardiac neoplasms

Aneurysms, Aortic dissection, endovascular techniques

Heart Failure Surgery, Ventricular Assistance Systems, Cardiac Transplantation

Prerequisites

Enrollment in the sixth year of the Degree in Medicine and Surgery

Cardiological knowledge

Teaching form

The course is divided into 6 lessons of 2 hours

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

Content of the lessons

Cardiac Surgery in the Adult, Laurence H. Cohn, McGrawHill

Guideline American Heart Association

Guideline European Society of Cardiology

Semester

1st semester

Assessment method

Test at the end of the course

Office hours

By appointment