



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Vascular Surgery

2627-4-H4102D024-H4102D086M

Aims

The course provides the tools and the necessary knowledge to perform a correct clinical diagnosis of vascular diseases, formulating an adequate differential diagnosis. The knowledge and skills provided during the course allow the student to identify the indication to surgical, endovascular and medical therapy, also assessing physical examination and including the study of clinical cases.

Contents

Clinical diagnosis of the various vascular pathologies; differential diagnosis; clinical and practical basis for understanding vascular diseases; physical examination; discussion of clinical cases

Detailed program

Recognize the symptoms and complications, provide the guidelines for the surgical and endovascular treatment of the following vascular diseases:

- Acute aortic syndrome: aortic dissection, intramural hematoma (IMH) and penetrating aortic ulcer (PAU).
- Elective and ruptured thoracic and abdominal aortic aneurysms.
- Popliteal aneurysms.
- Asymptomatic and symptomatic carotid stenosis.
- Peripheral artery disease.
- Critical limb ischemia (CLI).
- Acute ischemia of lower and upper limbs.
- Compartment syndromes in the abdomen and lower limbs.

- Subclavian steal syndrome
- Thoracic outlet syndrome (TOS)
- Pseudoaneurysm following catheterization and trauma
- Vascular trauma
- Varicose veins
- Deep venous thrombosis

Prerequisites

Knowledge of Anatomy, Physiology, Pathology, Pharmacology and Medical Semiology

Teaching form

The course will be conducted as follows:

- Erogative and Interactive Teaching: Lectures with discussion of clinical cases and scenarios
Language: ENGLISH

Textbook and teaching resource

Slides.

Scientific papers.

"Sabiston Textbook of Surgery - The Biological Basis of Modern Surgical Practice". Elsevier

Semester

First semester - Fourth year

Assessment method

The Students' Assessment is divided in two parts.

A first part is composed of a written exam on the platform esameonline elearning: 50 questions with 4 multiple-choice for each and only one correct. The questions are inherent to all specialities of cardiovascular and respiratory track. Sufficiency for the access to Oral part: 30/50.

A second part: Oral, with discussion of clinical cases on topics of the vertical track. Through the discussion of the clinical case, both the problem solving skills and the theoretical knowledge of the student will be examined.

For the Oral part, The examination commission is composed with a rotation of all Physicians and Professors

involved in the Vertical Track.

There are no internal tests for this course.

Office hours

By email appointment with professor Froio at:
alberto.froio@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION
