UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Vascular Surgery

2122-6-H4101D336-H4101D124M

Aims

The course provedes 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, in addition to the correct identification of the various diseases, to understand the surgical interest pathologies, also by means of the physical examination and 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

ARTERIAL DISEASES

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 aneuryms.
- Asymptomatic and symptomatic carotide stenosis.
- Chronic 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

VENOUS DISEASES

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

- Varicose veins
- Deep venous thrombosis

Prerequisites

Propaedeutic skills.

Teaching form

Lectures. Clinical cases.

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

Textbook and teaching resource

"Sabiston Textbook of surgery”. Elsevier

Regina G "Chirurgia vascolare ed endovascolare". Piccin

Semester

First semester - Sixth year

Assessment method

Multiple choice test comprising 30 questions with only one correct answer (among 5).

Oral test

Office hours

By email appointment with professor