

## COURSE SYLLABUS

### Vascular Surgery

2425-6-H4101D336-H4101D124M

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#### 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**

Basic knowledge of vascular surgery (Patologia Medico Chirurgica 1)

## **Teaching form**

The course will be conducted as follows:

- Erogative and Interactive Teaching: Lectures with discussion of clinical cases and scenarios
  - Supervised Didactics: Students will be provided with educational material (guidelines of the European Society of Vascular and Endovascular Surgery - ESVS) to prepare at home in advance of the lectures (3 hours)
- Language: ITALIAN

## **Textbook and teaching resource**

"Sabiston Textbook of surgery". Elsevier

## **Semester**

First semester - Sixth year

## **Assessment method**

There are no intermediate tests.

The final exam consists of a written test: multiple-choice test (30 questions with five answers each, only one correct, covering topics discussed in class and not covered in class but included in the syllabus). To pass the written test, at least 18 questions must be answered correctly.

## **Office hours**

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

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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