



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Vascular Clinic and Physiopathology Elements

2526-2-I0201D138-I0201D175M

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#### Aims

At the end of the Course, the student should:

- Identify the pathophysiology of vascular diseases.
- Define the most appropriate Rehabilitative strategy, modifying risk factors and promoting preventive strategies.
- Identify emergency vascular conditions, addressing the patient to the appropriate treatment.

#### Contents

At the end of the Course, the student should:

- know the fundamental knowledge about cardiovascular patho-physiology
- understand the usefulness of such information for the definition of a correct and tailored rehabilitation.

#### Detailed program

- Atherosclerosis.
- Vascular physical examination.
- Carotid atherosclerosis and pathophysiology of the cerebro-afferent vascular pathology.
- Arterial and venous thoracic outlet syndrome (TOS).

- Organ hypoperfusion. Hypoxia, ischemia, necrosis. Acute ischemia of the upper and lower limbs. Compartment syndromes. Ischemia-reperfusion injury.
- Chronic obliterative arteriopathy of the lower limbs. Leriche syndrome. Arterial ulcers.
- Venous thromboembolic disease: deep venous thrombosis and superficial thrombophlebitis. Venous ulcers.
- Chronic venous disease and insufficiency. CEAP Classification.
- Differential diagnosis of pain, edema and inflammation in lower limbs.

## **Prerequisites**

No

## **Teaching form**

Frontal teaching

## **Textbook and teaching resource**

Slides.

## **Semester**

Second year - Second semester

## **Assessment method**

Multiple choice test with 5 alternatives and only one correct answer

## **Office hours**

Contacting professor Froio at the following email address:

[alberto.froio@unimib.it](mailto:alberto.froio@unimib.it)

# Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

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