UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Vascular Clinic and Phisiopathology Elements

2122-2-I0201D138-I0201D175M

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

Objectives of the first-year courses

Teaching form

Lectures

Lessons in attendance, subject to ministerial changes following the COVID pandemic situation

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