

## SYLLABUS DEL CORSO

### Chirurgia dell'Apparato Cardiovascolare

2223-3-H4101D257-H4101D046M

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#### Aims

Taking the Patient's history, concerning cardiovascular problems, diagnostic assessment with critical data interpretation, physical examination, main clinical signs and symptoms.

#### Contents

Collection and interpretation of patients' medical history, main signs and symptoms of cardiovascular diseases. Information on how to perform correctly a physical examination with particular regards to venous and arterial vessels. To provide the tools for the correct use of biochemical tests, and the definition of their indications and interpretation.

#### Detailed program

- Atherosclerosis and vulnerable plaque: plaque rupture, embolization and thrombosis.
- Vascular physical examination. Arterial pulses.
- Carotid atherosclerosis, pathophysiology of the cerebro-afferent pathology, quantification of the degree of stenosis, evaluation of carotid plaque morphology, definition of symptomatic carotid stenosis.
- Subclavian steal syndrome. Arterial and venous thoracic outlet syndrome (TOS).
- Chronic obliterative arteriopathy of the lower limbs. Leriche syndrome. Arterial ulcers.

- Organ hypoperfusion. Hypoxia, ischemia, necrosis. Acute ischemia of the upper and lower limbs. Compartment syndromes. Ischemia-reperfusion injury.
- Aortic aneurysmal disease. ??Aneurysms caused by connective tissue abnormalities. Rupture of aortic aneurysms.
- Post-catheterization pseudoaneurysm. Traumatic pseudoaneurysms and isthmic aortic rupture.
- Acute aortic syndromes. Aortic dissection, Stanford classification, organ complications. Aortic penetrating ulcer (PAU). Intramural hematoma (IMH).
- 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**

Propaedeutic skills.

## **Teaching form**

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

## **Textbook and teaching resource**

Harrison's: "Principles of Internal Medicine" Ed. McGraw Hill

Sabiston: "Textbook of surgery" Ed. Saunders

## **Semester**

First Semester

## **Assessment method**

Oral test.

## **Office hours**

By email appointment with professor

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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