UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Vascular Surgery

2627-6-H4101D336-H4101D124M

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 aneuryms.
- 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 Europen 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: The Biological Basis of Modern Surgical Practice". 22nd edition. Elsevier

Semester

First semester - Sixth year

Assessment method

The exam consists of two parts:

- Written exam with multiple-choice questions (31 questions), 16 on Vascular Surgery, 15 on Cardiac Surgery, on topics from the program as indicated in full in the Syllabus. +1 point for each correct answer. 0 points for each incorrect answer. Exam duration: 45 minutes.
  Admission to the oral exam in General Surgery is granted by correctly answering at least 18 questions.
- Oral exam in General Surgery and Surgical Oncology

Office hours

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

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION