



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Amputee Rehabilitation

2122-3-I0201D146-I0201D163M

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#### Aims

Introduce the student to various possible rehabilitation pathways for functional restoration following amputation and adequate prosthetics of a limb.

To introduce the main rehabilitation protocols for functional recovery after surgery with external synthesis means and Ilizarov.

#### Contents

- Morphological and biomechanical characteristics of the abutments after surgery for the upper and lower limbs
- Post-operative problems and phantom limb syndrome
- Trophism care, prevention and functional ability improvement for the preparation of the different types of abutments based on the type of prosthesis and the quality of functionality expected
- From the simplest to the robotic prostheses, criteria for choosing a prosthesis
- Weaning and training in the use of the prosthesis up to the packaging of the most appropriate, exemplification through clinical cases

#### Detailed program

## **Prerequisites**

## **Teaching form**

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

## **Textbook and teaching resource**

Handouts

## **Semester**

secondo semestre

## **Assessment method**

Exam in attendance

Multiple choice test comprising 5 questions with only one correct answer

Open questions

Oral exam according to the professor

## **Office hours**

On appointment

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