UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Amputee Rehabilitation

2425-3-I0201D146-I0201D163M

Aims

Introduce the student to various possible rehabilitation scenarios for functional restoration following amputation and adequate prosthesis of a limb. Introduce the main rehabilitation protocols for functional restoration after surgery with external fixation device 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

previous years lessons

Teaching form

mixed version between didactic teaching (frontal lessons) and interactive teaching (discussion in small groups on observation of the gait)

Textbook and teaching resource

Handouts

Semester

second

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

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING