



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Physical Modalities

2021-2-I0201D137-I0201D211M

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#### Aims

General principles of modalities, mechanical energy and electrical energy. Field of application.

#### Contents

#### Detailed program

##### Electrotherapy

- When, why and limitations
- physical and therapeutic action
- use on the innervated muscle
- use on the denervated muscle
- antalgic currents

mechanical vibrations

- when, why and limitations
- ultrasounds
- shock waves

thermic and radiant energy

- when, why and limitations
- radar therapy
- short wave diathermy

magnetic fields

- when, why and limitations

laser

- when, why and limitations

Laser types

## **Prerequisites**

## **Teaching form**

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Lectures

## **Textbook and teaching resource**

Handouts

## **Semester**

1st semester

## **Assessment method**

Described in the subject's syllabus

## **Office hours**

By appointment

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