

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pain Neurophysiology
2122-2-I0201D137-I0201D210M
Aims
Knowledge of pain pathways and neurophysiological mechanisms that mediate pain
Contents
The course will address the topic of pain in physiotherapy by illustrating the current state of knowledge on the subject with the aim of highlighting the neurophysiology related to this area and strategies for assessment, approach, treatment of pain in its various dimensions (biological, psychological, social). All this, exploring the scope of rehabilitation exercise.
Detailed program
Anatomy and physiology of the pain pathways

Prerequisites

Teaching form

- Lectures and clinical case presentations
- Exercises
- Video clips
- Discussion

Textbook and teaching resource

Moayedi M, Davis KD. Theories of pain: From specificity to gate control. J Neurophysiol 2013;109:5-12

Graven-Nielsen, Thomas, and Lars Arendt-Nielsen. "Assessment of mechanisms in localized and widespread musculoskeletal pain." *Nature Reviews Rheumatology* 6.10 (2010): 599

?wieboda P, Filip R, Prystupa A, Drozd M. Assessment of pain: types, mechanism and treatment. Pain. 2013;2(7).

G. Lorimer Moseley and David S. Butler Adelaide City West: NOI Group Publishers, 2017. ISBN: 978-0-6480227-0-1, 238 pages

Semester

Second Semester

Assessment method

Described in the main syllabus of the course (Multiple choice questions, open questions)

Office hours

By appointment

