



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Neurofisiologia del Dolore

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

