UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurologia

1819-3-H4601D016-H4601D044M

Aims

The**MODULE of NEUROLOGY**aims at providing the Odontoiatric Students with the proper tools for understanding the main
Neurological diseases of the adulthood together
with their odontoiatric reflections and consequences.

Contents

Based on the history, symptoms, neurologic examination and on a few selected laboratory examinations, the student must know
how to make a neurological diagnosis, answering the following questions:

1) "Where is the lesion?"

2) "What is the nature of the lesion?".

To
achieve these goals basic preliminary knowledge is essential
(neuroanatomy, neurophysiology and general pathology), which will be
accompanied by the acquisition of appropriate skills (medical history,
symptomatology and examination neurological) and knowledge (location and
differential diagnosis of major neurological diseases, imaging
studiescomplementary, diagnosis and treatment of common conditions and
neurological emergencies). Furthermore, the student will have to achieve
a practical knowledge of the dental aspects of the main neurological
disorders.

Detailed program

Functional anatomy of the nervous system.

The method in neurology and neurological symptoms.

Instrumental and laboratory exams
in neurology.

Cranial nerves: clinical survey and dental aspects.

Intra-oral pathologies of the Vth nerve.

Cranial Neuralgias and the other Facial
pain disorders.

Oral cavity pain disorders of neurological interest.

Headache and migraine.

Higher cognitive functions, Alzheimer's disease
and other dementias.

Parkinson's disease and other movements disorders.

Multiple sclerosis (MS) and amyotrophic lateral sclerosis (ALS).

Cerebrovascular diseases: stroke and cerebral hemorrhage.

Epilepsy,
syncope and disorders of consciousne ss.

Neuro-muscolar diseases.

Prerequisites

Pass of the Propaedeutic Courses indicated in the Rulebook of the
Degree

Teaching form

Lectures and practical Exercitations (with real or simulated patients).

Textbook and teaching resource

1) Appollonio I, Ferrarese C, Tremolizzo L. Elementi di Neurologia per Odontoiatria. McGraw-Hill 2012

2) Ferrarese C, Appollonio I, Cavaletti C. Coe Curriculum. Malattie del Sistema Nervoso. McGraw-Hill, 2° ediz., 2016.

3) Hauser SL. Harrison's Neurologia Clinica. McGraw Hil Italia, 2007.

Semester

Third Year - Second Semester

Assessment method

Oral examination with evaluation of learning and knowledge on the topics treated in the Module, through a clinical case study and/or in-depth questions on Neurological disorders and their odontoiatric consequences.

Office hours

By Appointment through e-mail contact