UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurology

2122-3-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 studies complementary, 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

Frontal lectures and eventual practical exercitations. Both will be delivered in attendance (subject to any different ministerial provisions due to the COVID pandemic situation).

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 (upon e-mail contact)