



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### **La Sclerosi Laterale Amiotrofica: dalla Diagnosi alla Gestione Multidisciplinare**

1718-5-H4101D285

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#### **Aims**

Learning about concepts regarding multidisciplinary management of a complex disease such as ALS. Specifically, the aim of integrating knowledge between different fields of medicine will be pursued, proposing a model in which ALS patients and their caregivers are in a central position and the various healthcare professionals change at the interface according to the specific needs of the moment

#### **Contents**

This course will describe the principles of management of a complex neurological disorder, such as amyotrophic lateral sclerosis.

From diagnosis, to multidisciplinary management, an example of integration between different healthcare professionals, aiming at satisfying patients, caregivers and their needs in continuous evolution throughout the course of this disorder

#### **Detailed program**

Five lectures:

1a) A.L.S.: why the need for an integrated multidisciplinary management? - L. Tremolizzo – 20 min

1b) From biological mechanisms to clinical expression – E. Susani – 50 min

1c) EMG and other diagnostic tests - L. Marzorati – 50 min

2) Respiratory management - G. Messinesi – 1.5 h

3) Nutritional management - A. Manfio – 1.5 h

4) The role of physical therapy - O. Mauri – 1.5 h

5) Communication throughout the disease course - M. Strozzi – 1.5 h

## **Prerequisites**

Medical students starting from the 5th year

Before taking this course we advice to read: Core curriculum. Malattie del sistema nervoso. The McGraw-Hill Companies. Cap. 19: Motor neuron diseases

## **Teaching form**

Frontal lecturing

## **Textbook and teaching resource**

Current European and US guidelines (Eur J Neurol 2012;19:360-75 and Neurology 2009;73:1218-26 plus 1227-33, respectively)

## **Semester**

## **Assessment method**

Interactive verification at the course conclusion

## **Office hours**

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