

October 10, 2019

## EM122: The rehabilitative approach to the patient with Multiple Sclerosis according to the Bobath Concept



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### Introduction and objectives of the course:

The Bobath concept is a problem solving approach aimed at the evaluation and treatment of people with movement disorders, postural control and function, caused by a central nervous system injury. This approach to adult rehabilitation with central neurological damage originates from the work of Berta and Karel Bobath and has evolved over the last 60 years. The rationale for its application has its roots in current neuroscientific knowledge related to motor control, motor learning, neural and muscular plasticity and current biomechanical knowledge. The aim of the course is to deepen the knowledge on pathophysiological and evolutionary mechanisms of the pathology, the potential medical treatment and the classification of the clinical aspects of the patient suffering from multiple sclerosis. The training objective is to offer the participant the opportunity to acquire new practical strategies and clinical reasoning to address the most common neurological problems in this category of patients such as central weakness / paralysis, spasticity, ataxia, sensory disturbances .

### Specific objectives:

- Promote the evidence based approach based on updated literature
- Acquire specific terminology to describe the rehabilitative approach to the patient with Multiple Sclerosis according to the Bobath Concept
- Updating knowledge in the biomechanical and neurophysiological fields, especially in relation to the specific problems of the patient with multiple sclerosis in the different phases of the rehabilitation process
- Refine the ability to observe and acquire models for the evaluation of the different clinical manifestations of Multiple Sclerosis
- Implement specific treatment techniques for central weakness / paralysis, spasticity, ataxia, sensory

disturbances

- Refine the manual skills at an introductory level
- Support the comparison and discussion between participants and teachers and train clinical reasoning



**40 Seats**



**€450.00**



**24 Hours**



**Richiesti ECM**

#### INTENDED FOR

Doctors, Physiotherapists  
and Occupational  
Therapists

#### PAYMENTS

Deposit €250.00 + VAT  
22% (€305.00) within 7  
days from the  
registration

Balance €200.00 + VAT  
22% (€244.00) by date  
October 3, 2019

**Total: €450.00 + VAT**  
22% (**€549.00**)

#### CALENDAR

10-11-12 October 2019

#### LANGUAGE

Italian - English with  
simultaneous italian  
translation

## SCHEDULE

### First day

08.30-09: 00 Registration of participants and presentation of the objectives of the course

09: 00-11.00 Lecture: Pathophysiology of Multiple Sclerosis and clinical diagnosis

11.00-11.15 Coffee break

11.15-13.00 Lesson: Framing of symptoms, evolution of pathology, medical therapy

13.00-14.00 Lunch

12.00-15.30 Evaluation of a clinical case by teachers in a collective session. Synthesis of clinical reasoning and discussion

15.30-15.45 Coffee break

15.45-17.45 Laboratory: treatment of central weakness / paralysis. Specific outcome scales for the patient with MS

17.45-18.00 Last questions and end of the day

### **Second day**

08.30-11.00 Lesson - Rehabilitative problems in Multiple Sclerosis: fatigue, weakness, central paralysis.  
From clinical evaluation to treatment setting

11.00-11.15 Coffee break

11.15-13.00 Laboratory: techniques for coping with problems related to fatigue, weakness and paralysis

13.00-14.00 Lunch

14.00-15.30 Evaluation of a clinical case by teachers in a collective session. Synthesis of clinical reasoning and discussion

15.30-15.45 Coffee break

15.45-16.45 Lecture: Spasticity in Multiple Sclerosis

16.45-18.00 Laboratory: Evaluation, rehabilitation treatment and management of spasticity

### **Third day**

08.30-11.00 Lesson - Rehabilitative problems in Multiple Sclerosis: ataxia and sensory disturbances. From clinical evaluation to treatment setting

11.00-11.15 Coffee break

11.15-13.00 Laboratory: techniques for coping with the problems related to ataxia. Inclusion of sensory issues in motor treatment

13.00-14.00 Lunch

14.00-15.30 Evaluation of a clinical case by teachers in a collective session. Synthesis of clinical reasoning and discussion

15.30-15.45 Coffee break

15.45-17.00 Presentation of a case study and discussion

17.00-17.30 Last questions, ECM test and conclusion of the course