

October 7, 2023

EM294: Workshop - Ataxia as a symptom common to several neurological conditions: clinical evaluation and rehabilitation treatment according to the Bobath Concept



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ALBA MAGRI

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Introduction and objectives of the course:

Ataxia is a clinical symptom common to various neurological conditions (acute or degenerative lesions of the cerebellum, head trauma, multiple sclerosis, neuropathies/deficits in sensory transmission, etc.): the treatment of choice remains rehabilitation in order to support neuroplasticity, guide recovery mechanisms, improve sensorimotor control and 24-hour symptom management. The aim of the course is to promote understanding of the nature of this clinical symptom to guide the physiotherapist in acquiring technical and manual skills aimed at building a specific treatment based on recent scientific evidence on the subject. The Bobath concept is a problem solving approach aimed at the assessment and treatment of people with movement, postural control and function disorders caused by a lesion of the central nervous system. This approach to rehabilitation of the adult with central neurological impairment originates from the work of Berta and Karel Bobath and has evolved over the past 70 years. The rationale for its application is rooted in current neuroscientific knowledge relating to motor control, motor learning, neural and muscular plasticity and current biomechanical knowledge.

Specific objectives:

- Deepen the theoretical knowledge on the subject on the basis of recent literature
- Use the Clinical Practice Model of the Bobath Concept in patients with ataxic disorder by deepening the ability of clinical classification and identification of specific outcome scales
- - Acquire facilitation techniques (manual, verbal and environmental) to adapt the therapeutic intervention to the clinical characteristics of the patient and the severity of the ataxic disorder
- Refine manual dexterity and technical competence
- Support the comparison and discussion between participants and teachers and train clinical reasoning



40 Seats



€549.00



24 Hours



28 richiesti ECM

INTENDED FOR

Doctors,
Physiotherapists,
Occupational Therapists

PAYMENTS

Deposit €305.00 within 7
days from the
registration

Balance €244.00 by date
September 11, 2023

Total: €549.00

CALENDAR

7-8-9 October 2023

LANGUAGE

Italian - English with
italian consecutive
translation

Course Location: Brescia @Sala Formazione Edumed

SCHEDULE

First day

8.30-9.00 Registration of participants and presentation of course objectives

9.00-11.00 Lecture: Clinical overview of the ataxic disorder and principles of treatment

11.00-11.15 Coffee breaks

11.15-12.45 Demonstration of a clinical case by the teacher in a collective session

12.45-13.00 Summary of clinical reasoning and discussion

13.00-14.00 Lunch

14.00-15.30 Practical laboratory 1: The COM-BOS relationship and the definition of the limits of stability in standing position

15.30-15.45 Coffee breaks

15.45-17.30 Practical laboratory 2: The COM-BOS relationship in stand-to-sit and vice versa and variables to facilitate the transition (hand contact and low support)

17.30-17.45 Summary of learning, questions and conclusions.

Second day

8.30-10.30 Discussion of a case report presented on the outline of the Model of Bobath Clinical Practice (MBCP)

10.30-11.15 Practical laboratory 3: The selective activation of the foot at the basis of stability against gravity
11.00-11.15 Coffee breaks
11.15-12.45 Demonstration of a clinical case by the teacher in a collective session
12.45-13.00 Summary of clinical reasoning and discussion
13.00-14.00 Lunch
14.00-15.30 Practical laboratory 4: Selective activation of the pelvis as a critical element for the stability of the COM
15.30-15.45 Coffee breaks
15.45-17.30 Practical workshop 5: Supporting central stability without staring – practical examples for stimulating the trunk's active anti-gravity competence Use of external supports (trunk constraint in different postural settings / role of elastomeric tissues)
17.30-17.45 Summary of learning, questions and conclusions.

Third day

8.30-11.15 Practical laboratory 6: Carpet work as an integral setting of the antigravity and selective motor skills of the ataxic patient - brief theoretical and practical introduction (prepare the kneeling position for descent to the ground)
11.00-11.15 Coffee breaks
11.15-12.45 Demonstration of a clinical case by the teacher in a collective session
12.45-13.00 Summary of clinical reasoning and discussion
13.00-14.00 Lunch
14.00-16.00 Practical workshop 7: kneeling, prone-kneeling and ascent
16.00-17.00 ECM practical test and conclusion of the course