

# Teaching Course on Movement Disorders

Movement Disorders Section, Portuguese Neurological Society

23<sup>rd</sup> November 2008, Porto, Portugal

## Introduction and purpose

This is a teaching course on Movement Disorders organized by Movement Disorders Section of the Portuguese Neurological Society to attend to the educational needs of general neurologist and residents. Other health professional with an interest in movement disorders might also benefit from participating.

The faculty will be composed of renowned experts in the field. The course will have 4 main lectures designed to provide a basic introduction to the topic where the specific issue named on the title belongs in nosologic terms, later the lecture will focused on the specifics. The first part is intended to suit novices and the second for those already versed in the topic. Each lecture will be followed by a discussion. This discussion will be centred in clinical practice issues through active facilitation. Attendees will be evaluated before the course starts and at its end to check the impact of this educational activity on the acquisition of knowledge.

The course will have an total duration of 6h.

## Objectives and learning goals:

The aims of the course are to alert the participants to some important and/or recent issues in Movement Disorders, which have a bearing either in the accuracy of the diagnosis or on the benefit-risk evaluation of widely used therapeutic interventions. The topics included emergencies in movement disorders, dopamine dysregulation syndrome in Parkinson's disease, imaging as a diagnostic tool, and psychogenic movement disorders. After each presentation there will be time for discussion with the audience, as well as questions and answers.

By the end of the teaching course every participant should have attained the following learning points:

- Identification of the most common emergencies in movement disorders and recognition of the critical points in their management.
- Current concepts on dopamine dysregulation syndrome (pathologic gambling and shopping, punding, hypersexuality, and compulsive eating) and its association

with dopaminergic treatments. Participants should be able to recognize patients at risk and be able to establish assessment and risk minimization measures.

- Knowing the value of different imaging techniques in the diagnosis of parkinsonism.
- Identification of the main features of psychogenic movement disorders. The importance of a multidisciplinary approach, emphasizing the role of the Neurologist.

It will consist of twenty written multiple-choice questions previously prepared by the faculty.

**Program (each presentation will take 30 min, followed by a 5 minute discussion and Q&A session):**

-Welcome and introduction (Cristina Sampaio. Laboratório de Farmacologia Clínica e Terapêutica, Faculdade de Medicina de Lisboa e Instituto de Medicina Molecular, Lisboa, Portugal) (10 min)

-Test ( 20 min)

-Emergencies in Movement Disorders (Mário Miguel Rosa. Neurological Clinic Research Unit, Institute of Molecular Medicine, Faculdade de Medicina de Lisboa, Lisboa, Portugal) ( 45 min)

- Discussion (15 min)

-Dopamine Dysregulation Syndrome (Sean O'Sullivan. Reta Lila Weston Institute of Neurological Studies, Institute of Neurology, University College London, London, UK) (45 min)

- Discussion (15 min)

-Neuroimaging as a biomarker for the diagnosis PD (Klaus Seppi. Department of Neurology, Innsbruck Medical University, Austria) (45 min)

- Discussion (15 min)

-Psychogenic Movement Disorders (Kailash Bhatia, Institute of Neurology Queen Square, London, UK) (45 min)

- Discussion (15 min)

-Test ( 20 min)

**Organizing Committee (Movement Disorders Section Board):**

Cristina Sampaio (Laboratório de Farmacologia Clínica e Terapêutica, Faculdade de Medicina de Lisboa e Instituto de Medicina Molecular, Lisboa, Portugal)

Maria José Rosas (Department of Neurology, Hospital de S. João, Porto, Portugal)

Miguel Coelho (Department of Neurology, Hospital de Santa Maria, Lisboa, Portugal)

João Massano (Department of Neurology, Hospital de S. João, and Faculty of Medicine University of Porto, Porto, Portugal)