4th International Symposium on

GAIT AND BALANCE IN MULTIPLE SCLEROSIS:

THE ROLE OF COGNITION

OCTOBER 10TH & 11TH, 2014

Cleveland, Ohio

This conference focuses on the role of cognitive dysfunction on postural control, mobility problems, and accidental falls in persons with multiple sclerosis. The morning session will discuss assessment of cognition and cognitive-motor interference during balance and mobility tasks, and the mechanisms underlying cognitive-motor interference. The afternoon sessions will discuss evidence for cognitive dysfunction affecting motor performance, identify gaps in knowledge, and present strategies to address cognitive-motor interference as it contributes to gait and balance dysfunction in persons with MS.

CONFERENCE OBJECTIVES

After attending this symposium, attendees will be able to:
- Describe and discuss the minimal recommended cognitive assessment in persons with MS.
- Describe and discuss the mechanisms underlying cognitive-motor interference.
- Describe and discuss methods for assessing cognitive-motor interference as it affects gait and balance.
- Describe and discuss the evidence for and gaps in knowledge regarding cognitive motor interference in persons with MS.
- Identify strategies to reduce the impact of cognitive-motor interference in persons with MS.

WHO SHOULD ATTEND

Physicians (Neurologists, Physiatrists), physical therapists, occupational therapists, rehabilitation scientists, nurses, and physician assistants working in the area of multiple sclerosis clinical practice or research.

IN PARTNERSHIP WITH: OHSU Multiple Sclerosis Center, Portland VA Medical Center-MS Center of Excellence West, and Cleveland Clinic

HOSTED BY: Cleveland Clinic
4th International Symposium on Gait and Balance in Multiple Sclerosis: The Role of Cognition

AGENDA - FRIDAY EVENING OCTOBER 10, 2014

6:00 pm - 9:00 pm  Poster presentations and reception with opening remarks
Francois Bethoux, MD
Cleveland Clinic - Cleveland, OH

AGENDA - SATURDAY OCTOBER 11, 2014

8:00 am  Registration
Continental breakfast

8:30 am -  Introduction and welcome
Kathleen Zackowski, OT, PhD, MSCS
Kennedy Krieger Institute, Johns Hopkins University – Baltimore, MD

MORNING SESSIONS

8:45 am -  Cognitive dysfunction in multiple sclerosis
John DeLuca, PhD, ABPP
Kessler Foundation and Rutgers New Jersey Medical School – West Orange and Newark, NJ

9:30 am  Mechanisms underlying cognitive-motor interference in neurodegenerative diseases
Anat Mirelman, PhD
Tel Aviv Medical Center – Tel Aviv, Israel

10:45 am -  Assessment of cognitive interference during gait and balance
Jacob Sosnoff, PhD
University of Illinois at Urbana-Champaign – Urbana, IL

12:00 pm  LUNCH

AFTERNOON SESSIONS

1:00 pm -  Evidence of cognitive-motor interference in MS:
Alon Kalron, PhD, PT
Sheba Medical Center at Tel-Hashomer – Tel Aviv, Israel

2:05 pm  BREAK

2:25 pm -  Rehabilitation strategies to address cognitive-motor interference as it affects gait and balance: A model of dual-task training in MS
Nora Fritz, PT, DPT, PhD
Kennedy Krieger Institute, Johns Hopkins University – Baltimore, MD

3:55 pm  Case studies in MS
Robbin Howard, PT, DPT, NCS
University of Southern California – Los Angeles, CA

4:00 pm -  Putting it all together
Michelle Cameron, MD, PT
Oregon Health & Science University – Portland, OR
Joanne Wagner, PT, PhD
Saint Louis University – St. Louis, MO
Kathleen Zackowski, OT, PhD, MSCS
Kennedy Krieger Institute, Johns Hopkins University – Baltimore, MD

5:00 pm  End of program

HOSTED BY: Cleveland Clinic

HOSTED BY: OHSU & Science University
CALL FOR POSTERS

Please send abstracts for posters to Kathleen Zackowski at zackowski@kennedykrieger.org by August 1st, 2014 for review. Abstracts should be a maximum of 300 words on topics related to gait and balance in multiple sclerosis. If accepted, poster size must be 4’ x 8’ or smaller.

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