



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**

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AGENDA - FRIDAY EVENING OCTOBER 10, 2014

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

AGENDA - SATURDAY OCTOBER 11, 2014

- 8:00 am Registration
Continental breakfast

- 8:30 am - Introduction and welcome
8:40 am **Kathleen Zackowski, OT, PhD, MSCS**
*Kennedy Krieger Institute,
Johns Hopkins University –
Baltimore, MD*

MORNING SESSIONS

- 8:45 am - Cognitive dysfunction in multiple sclerosis
9:30 am **John DeLuca, PhD, ABPP**
*Kessler Foundation and Rutgers New Jersey
Medical School – West Orange and
Newark, NJ*

- 9:35 am - Mechanisms underlying cognitive-motor
10:20 am interference in neurodegenerative
diseases

Anat Mirelman, PhD
Tel Aviv Medical Center – Tel Aviv, Israel

- 10:25 am BREAK

- 10:45 am - Assessment of cognitive interference
11:55 am 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:
2:00 pm Recommendations for assessment and treatment
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-
3:55 pm 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*

Understanding and modifying cognitive-
motor interference in Parkinson's disease
Valerie Kelly, PT, PhD
University of Washington – Seattle, WA

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

- 4:00 pm - **Putting it all together**
5:00 pm **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

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DETAILS

SYMPOSIUM LOCATION & HOTEL ACCOMODATIONS

DoubleTree by Hilton Cleveland East Beachwood
3663 Park East Drive, Beachwood, OH 44122
Phone: 1-216-464-5950
www.doubletree.hilton.com

** A discounted room rate starting at \$112/night plus tax is being provided October 10, 2014 – October 12, 2014. The special rate will be available until October 6 OR until the group block is sold-out, whichever comes first.*

CONTINUING MEDICAL EDUCATION

ACCREDITATION

Oregon Health & Science University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

PT CEU's may be provided through co-sponsorship with Ohio Physical Therapy Association. OPTA certificate of attendance can be requested when registering for this event at no additional charge.

CREDIT

OHSU School of Medicine, Division of CME, designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

REGISTRATION

- \$140 Early registration by July 31st (\$170.00 after July 31, 2014)
- \$165 Early registration with 6.25 AMA PRA Category 1 Credits™ memo (\$195.00 after July 31, 2014)
- \$75 Student registration (\$100 with 6.25 AMA PRA Category 1 Credits™ memo)

Space is limited. To register online and pay by credit card or paypal visit www.ohsubrain.com/msgait

For more information contact Dawn Christensen at 503-494-7661 or chrisdaw@ohsu.edu

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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Oregon Health & Science University

Department of Neurology, L226
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Portland OR 97239

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