XX Gait & Brain Seminar

Organized by the Gait & Brain Lab and
The Brain Health Care (BHCare) Training Platform

Tuesday, October 20th, 2026

Parkwood Mental Health Building. Auditorium F2-235
or online via Zoom

Mild Behavioral Impairment and Gait Dysfunction: The Value of Non-Cognitive Markers of Dementia

Guest Speaker: Zahinoor Ismail, MD, FRCPC

Professor of Psychiatry, Neurology, Epidemiology, and Pathology & Laboratory Medicine
Hotchkiss Brain Institute and O'Brien Institute for Public Health, University of Calgary

Dr. Zahinoor Ismail is a Clinician Scientist and Professor of Psychiatry, Neurology, Epidemiology, and Pathology & Laboratory Medicine at the at the University of Calgary, with a joint appointment at the University of Exeter. He has certification in Behavioural Neurology & Neuropsychiatry, and Geriatric Psychiatry, and has over 25 years of clinical experience. His research includes: i) risk and resilience in brain aging; ii) non-cognitive markers of dementia; iii) nosology, nomenclature, and measurement of brain disorders; iv) biomarkers; v) clinical trials; and vi) dementia caregivers. He is funded by the Canadian Institutes of Health Research and Gordie Howe CARES, and has published approximately 350 scientific papers. Dr. Ismail is Chair of the Canadian Conference on Dementia, and of the CCD Dementia Guideline Group. Dr. Ismail was appointed by the Federal Minister of Health to serve as Co-Chair of the Government of Canada Ministerial Advisory Board for Dementia from 2023-2025.

AGENDA

3:00 p.m.
Welcome Remarks. Drs Manuel Montero-Odasso and Robert Bartha (Vice Dean Research and Innovation).

3:15 p.m.
Dr Zahinoor Ismail Lecture: "Mild Behavioral Impairment and Gait Dysfunction: The Value of Non-Cognitive Markers of Dementia."

4:00 p.m.
Question & Answer.

4:30 p.m.
Adjourn.

To Register Please Visit: bhcaretraining.com

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BRAIN HEALTH CARE CANADA Training Platform

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The Geriatric Medicine Rounds is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Learning Objectives

Upon completion of this activity, the participant will be able to:

1. Define mild behavioral impairment (MBI) as a prodromal neurobehavioral syndrome associated with incident dementia.
2. Describe the relationship between gait dysfunction, particularly dual-task gait cost, and early neurodegenerative processes.
3. Explain the evidence linking behavioral and motor markers as complementary non-cognitive indicators of dementia risk.
4. Discuss how gait and behavioral assessment may improve early detection and risk stratification in older adults without dementia.
5. Identify future opportunities for integrating behavioral and mobility biomarkers into dementia prevention strategies and clinical trials.

Sponsors

Division of Geriatric Medicine, Department of Medicine, at the Schulich School of Medicine & Dentistry, Western University.
ProtoKinetics – Mike Rowling

Acknowledgements

Gait and Brain Lab and the Division of Geriatric Medicine, Department of Medicine, at the Schulich School of Medicine & Dentistry, Western University.
Wolfe Research Professorship on Aging.
Canadian Institute of Health Research – Institute of Aging.

Study Credits

This event will also be recognized as a webinar for the Brain Health Care (BHCare) Training Platform.

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Registration

Please register for the event here or through the QR code below.