CLSA Approved Project

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Project Title
The "Motoric Cognitive Risk" syndrome in the Canadian population: Analysis of baseline assessment of the Canadian Longitudinal Study on Aging

Project Summary
Cognition and locomotion are two human abilities controlled by the brain. Their decline is highly prevalent with physiological and pathological aging, and is greater than the simple sum of their respective prevalence, suggesting a complex age-related interplay between cognition and locomotion. Recently, it has demonstrated that Motoric Cognitive Risk (MCR), which combines subjective cognitive complaint with objective slow gait speed, is a pre-dementia syndrome. MCR syndrome is a better predictor of vascular dementia than of Alzheimer disease (AD). Determining the Canadian prevalence and the association of MCR syndrome with cardio-vascular risk factors and diseases is a step for a better understanding of this syndrome. We have the opportunity for the first time with the baseline assessment of the Canadian Longitudinal Study on Aging (CLSA) to 1) obtain reliable estimates of MCR prevalence in the Canadian population and 2) examine MCR-related cardio-vascular risk factors and diseases.

Keywords
Cognition, cognitive complaint, dementia, gait, prediction