C-OPN NEWSLETTER
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C-OPN DATA AT WORK:

"The Mild Behavioral Impairment Checklist for Parkinson's Disease: An Ancillary Instrument in Cognitive Assessment".

Authors: Gabriel D. Pinilla-Monsalve, MD, Yuan P. Song, MSc, Alexandru Hanganu, MD, PhD, Zahinoor Ismail, MD, and Oury Monchi, PhD

Using data from the growing Canadian Open Parkinson Network (C-OPN), researchers examined mild behavioral impairment (MBI), which refers to later-life changes in mood, motivation, or behavior that can signal increased risk for cognitive decline. Because these symptoms can occur early in Parkinson's disease (PD), the team evaluated and refined the Mild Behavioral Impairment Checklist (MBI-C) in more than 400 C-OPN participants. Their work produced a streamlined 24-item version that more accurately reflects behavioral changes seen in PD, shows strong reliability, and includes a potential cutoff score that may help identify individuals at higher risk for cognitive difficulties.

The revised checklist performed better than the original and aligned well with other behavioral and cognitive measures, although some subtle symptoms may still go unreported. Future work will focus on improving sensitivity to early changes, comparing patient and caregiver reports, and testing how well the tool predicts long-term cognitive decline. Overall, this study strengthens the MBI-C as a practical tool for early detection of behavioral symptoms in PD and highlights the value of the C-OPN database in advancing this research.

General Assembly

On November 14th, we hosted our 5th annual C-OPN General Assembly! Thank you to everyone who joined us for an afternoon of exciting updates and research presentations!

C-OPN Data Challenge

Congratulations to our SIX Data Challenge winners:

Dr. Setor Kunutsor
(University of Manitoba)
Dr. Myles O'Brien
(Université de Sherbrooke)
Dr. Venkat Bhat
(University of Toronto)
Dr. Pascal Tyrrell
(University of Toronto)
Dr. Michael Schlossmacher
(Ottawa Hospital Research Institute)
Dr. Madeleine Sharp
(McGill University)

Thank you to **Parkinson Canada** and **Brain Canada** for your generous support of this project!

C-OPN Quick Stats

2511 Participants

11 Sites

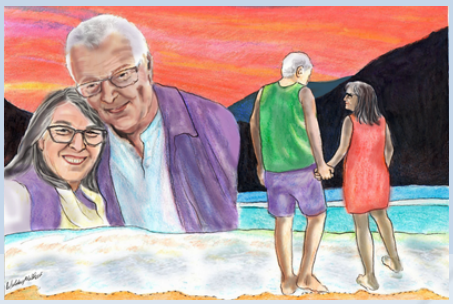
377 Research Members

108 Projects

Fall Photo Gallery



Our National Manager Anna and our Clinical Research Advisor Iris attended the SOLVE Parkinson's Conference in Fredericton, NB. Find out more on our website!



In honour of National Care Partner Day in October, our amazing Parkinson Community Advisory Committee member, Barbara, created a series of illustrations.



Our Clinical Research Advisor Iris joined UCalgary Site Coordinator Parisa on CaPRI Research Day to help spread the word about what we do here at C-OPN!