



## Do you have Parkinson`s disease with or without memory problems?

or

## Are you a healthy volunteer who wants to help out and contribute to Parkinson`s disease research?

The University of Calgary together with the Hotchkiss Brain Institute are conducting an observational research study under the direction of Dr. Oury Monchi, Tourmaline Oil Chair in Parkinson`s disease, to get a better understanding of the development of thinking and memory problems in Parkinson`s disease (PD) compared to thinking and memory problems in general aging.

We are collecting clinical and neuropsychological data and a sample of your blood to learn more about the possible effects of Parkinson`s disease on cognition. We will also ask you to have several MRI scans of your head to identify if there are any anatomical and/or functional changes in your brain that can serve as markers for the early prediction of cognitive decline in PD.

### Who can participate?

- Men and women 60 years of age or older
- Patients with Parkinson`s disease with and without mild cognitive impairment (mild memory and thinking problems)
- Patients without Parkinson`s disease with and without mild cognitive impairment
- Healthy volunteers without history of PD or memory complaints such as spouses/partners (not blood-related) of patients with PD

### How long is the study and how often do I have to come?

- Your participation in the study will last three years (36 months)
- You will be asked to complete 8 in-person visits throughout the study

### What will happen during study visits?

- At the initial visit, a one-time blood sample will be drawn for DNA collection
- Your mood, memory and thinking will be assessed; this involves performing a series of tests and answering questionnaires
- PD symptoms will be assessed
- You will be asked to have 5 MRI scans of your brain throughout this three year study

### Do you have more questions? Do you want to participate?

Please phone our research coordinator **Jenelle Cheetham** at **403-210-8519**, or send an email to [info@pcanlab.ca](mailto:info@pcanlab.ca)

### Useful websites:

[http://www.ucalgary.ca/dcms/  
programs/movementdisorders](http://www.ucalgary.ca/dcms/programs/movementdisorders)

<http://www.pcanlab.ca/>

This study has been approved by the University of  
Calgary Conjoint Health Research Ethics Board

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