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**

Useful websites:

http://www.ucalgary.ca/dcns/programs/movementdisorders

http://www.pcanlab.ca/

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

Ethics ID# REB 14-2463 Version II, 24 Nov 2015

Parkinson's Disease Cognition Action Neuroimaging

CLINICAL NEURO SCIENCES CALGARY CANADA

UNIVERSITY OF CALGARY