

Visual and ocular motor dysfunction in Parkinson's disease

PURPOSE OF THIS STUDY:

This study aims at testing visual abilities and eye movements in patients with Parkinson's disease. In order to determine effects of healthy aging on these functions, we are looking for healthy volunteers to serve as a control group.

WHO CAN PARTICIPATE?

- You must be between 60 and 85 years of age.
- You must have normal or corrected-to-normal visual acuity.
- You must have no history of neurological, psychiatric or eye disease.

WHAT IS INVOLVED?

You will be asked to participate in one testing session lasting approximately 2 hours. During this session, you will first complete a number of short assessments to test your vision and cognitive abilities. You will then view visual stimuli on a computer monitor while your eye movements are being recorded using a video-based eye-tracker. In this study, we wish to test your ability to look at or track simple visual objects on a computer monitor with your eyes. In some tasks, you will be asked to make simple choices about these objects. Your participation may help us better understand sensory, perceptual and cognitive impairments in PD, and potentially help in the diagnosis and prognosis of symptom progression in this disease. Parking will be reimbursed upon request.

CONTACT INFORMATION:

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STUDY TIME/DURATION

Between June 1 and
November 30

STUDY LOCATION

2366 Main Mall
UBC Campus
Institute for Computing,
Information and Cognitive
Systems (ICICS)
Room X725

PRINCIPAL INVESTIGATOR

Dr. Miriam Spering
Assistant Professor
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Affiliated Investigator

To learn more about this study, visit vchri.ca/participate



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