



UNIVERSITY
OF MANITOBA

Faculty of Health Sciences
College of Rehabilitation Sciences

R106-771 McDermot Ave.
Winnipeg, Manitoba
Canada R3E 0T6
Telephone (204) 789-3897
Fax (204) 789-3927
Department of Occupational Therapy
Department of Physical Therapy
Department of Respiratory Therapy

**Volunteers sought for a research study conducted at
College of Rehabilitation Sciences
(University of Manitoba)**

WHAT IS THE RESEARCH ABOUT?

Physical Therapy researchers from the College of Rehabilitation Sciences are conducting a study to evaluate fall risk factors in individuals with Parkinson's disease (PD).

Specifically to evaluate your balance and walking abilities while performing various mental tasks (i.e. dual-tasking) For example walking while avoiding obstacles or while searching and tracking moving visual targets.

WHO ARE WE LOOKING FOR?

- Individuals with Parkinson's disease, between the ages of 55- 70.
- Can walk independently at least 50 meters with or without a cane
- Without any musculoskeletal impairment or uncontrolled cardio-vascular condition which prevent you from walking on a treadmill for periods of 2-4 minutes
- Without any visual impairment that would limit your ability to watch and follow various visual images on a TV or computer monitor.

WHAT IS INVOLVED?

You would be asked to do the following two tasks while viewing objects on a computer monitor and performing a variety of visual-spatial tasks, similar to playing computer games. (i.e. dual-tasking)

- Standing on a sponge pad which would affect your balance.
- While walking on a treadmill at your normal, comfortable walking speed.

Note: previous experience with computer games is NOT required.

WHY PARTICIPATE?

You will learn about your balance and walking ability and risk of falling, while performing dual-tasks typical of what you would experience during out door walking or walking in public.

If Interested you can contact -

- **Principal Investigator:** - Mayank Bhatt, Graduate student, College of Rehabilitation Sciences, University of Manitoba, Office: RR327, Rehabilitation Hospital, 800 Sherbrook Ave. Phone- (431) 998-2047, E-mail: bhattm@myumanitoba.ca
- **Co-Investigator:** - Dr. Tony Szturm, Professor, College of Rehabilitation Sciences, University of Manitoba, Office: RR319, Rehabilitation Hospital, 800 Sherbrook Ave. Phone: (204) 787-4794, Email: tony.szturm@umanitoba.ca

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