Using Wearable and Mobile Data to Diagnose and Monitor Movement Disorders

Have you been diagnosed with a movement disorder?

Would you like to participate in a study?

The Motor Behavior Laboratory of Rutgers University is looking for:

• Individuals with Essential tremor, Parkinson’s disease, Huntington’s disease, Primary focal dystonia, spinocerebellar ataxia, and functional movement disorder:
  • that are ambulatory
  • Have been on a stable medication dose for at least 30 days
  • Healthy controls of at least 18 years of age

To participate in a study examining the use of a smartphone application to differentiate patient groups.

You should not volunteer if:

• You have significant cognitive impairments
• You have serious untreated psychiatric illness
• You have other disorders that could affect how you move
• You have uncorrected vision impairment

You will receive a minimum of $40 for completion of the study

The study involves:

• 1 laboratory visit
• The visit should last about 2 hours
• We will use a smartphone application to evaluate motor and cognitive function
• You may also be asked to use the smartphone application at home for 8 weeks

Potential risks:

• You may feel fatigued as we ask you to perform a battery of simple motor tasks
• There is a possibility of fall as we ask you to walk. This would not be different than walking in daily life.

If you meet these criteria and are interested in participating, or wish to learn more about the study, please contact Jean-Francois Daneault, PhD:

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