

Title of Study: Evolution of visuospatial abilities in adults with mild cognitive impairment: a longitudinal study

Location: Canada-Wide

Study Description:

The aim is to better understand the cognitive strengths and difficulties related to visuospatial skills among people with Mild Cognitive Impairment and/or early Alzheimer's Disease, and how they evolve over time. We also want to investigate visuospatial abilities people with a parent diagnosed with Alzheimer's disease.

With this information, we wish to establish a more complete cognitive profile that could lead to an earlier diagnosis of Alzheimer's disease.

What Will Happen During the Study?

The study will take place three times once a year and will be completed online, from home. First, there will be a virtual meeting on Zoom (around one hour) with the principal researcher. Then, participants will be asked to do 12 short tasks that measure how they perceive, memorize, and manipulate objects on the screen. Each task takes from 5 to 10 minutes to complete. Participants can do these tasks on their own, over several sessions if preferred.

The study will be repeated three times once a year. Participants will be financially compensated for their time of \$100 per year, for a total of \$300.

Eligibility: Who Can Participate?

To be eligible to participate in this study, you must identify as one of the below:

- You are an adult diagnosed with Mild Cognitive Impairment and/or Alzheimer's disease
- You are a healthy adult, 40 years of age or older, and have a parent diagnosed with Alzheimer's disease.

Recruitment Start Date: March 15th, 2022

Recruitment End Date: June 30th, 2024

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