



Language Sensing Study: Dementia Diagnosis & Monitoring

What is this study about?

This study aims to provide a user-friendly method for diagnosing dementia and tracking its progress through the analysis of language

We want to understand:

Whether changes in language usage by people living with dementia can be identified, leading to new methods of diagnosing and monitoring dementia.

Are you interested in participating?

We are looking for 20 participants between 65-80 years old living with mild to moderate dementia, as well as 10 people within the same age group who are not suspected of having dementia.

To participate in this study you need to:

- *have been raised in Britain*
- *be resident in your own home or with your family*
- *be in daily contact with a carer or family member*
- *be aged 65 to 80 years old*
- *be able to access to a broadband connection at home.*
- *be available for a twelve week intermittent period within a year*

What will I do if I take part in this study?

You will be given a computer tablet with special software. Using this and with the help of your carer, we would like you to record daily 15 minutes of conversation in English based on images from the past and the memories they evoke. We would also like you to write daily thoughts in English triggered by the images, using the stylus pen or the keyboard provided with the tablet. Your time on the study will consist of three intermittent 4-week periods, over a year. At the start and end of each period you will be asked to complete a standard memory test.

Are you interested in participating?

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