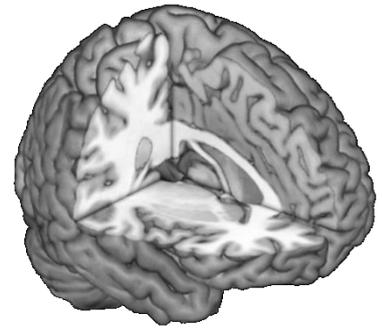


VOLUNTEERS REQUIRED TO TEST NEW BRAIN SCANS FOR DEMENTIA



What is the study about?

Medical imaging methods such as MRI and PET are already used to help diagnose dementia but the MRI techniques commonly used in hospitals only show changes at a late stage in the disease. Our aim in this project is to test new imaging techniques that could tell doctors early on that someone will go on to develop dementia and what type of dementia they will have. This would help with deciding what the best treatment will be. We are also trying to make the scans as short as possible so they are more tolerable and can be run easily on busy hospital scanners. This study has ethical approval (IRAS ref 233456).

What would you have to do?

The study will involve 2 or 3 visits (only half of the participants will be invited to attend the third visit).

Visit 1 (approx. 2 hours): a series of medical questions, a blood test and some detailed tests of your thinking abilities. This can be done in your own home (a member of our team will visit you) or in the PET-MR Centre in the Manchester Royal Infirmary if you prefer.

Visit 2 (approx. 3 hours): a combined PET and MRI scan at the PET-MR Centre, including approximately 1 and a half hours being scanned, with a 1 hour break in the middle.

Visit 3 (approx. 1 and a half hours): an MRI scan at the PET-MR Centre. We can arrange for a taxi to take you to and from the PET-MR centre and your home.

To participate, you must be ...

- aged between 60 and 80
- WITHOUT a diagnosis of dementia or Parkinson's disease
- EITHER
 - in good health, OR
 - with a diagnosis of mild cognitive impairment, OR
 - with concerns about your memory or brain function

If you are interested in participating, please contact Lauren Scott:

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