

Stroke IMPaCT Study summary information sheet  
Aphasia-friendly version



The University of Manchester



Salford Care Organisation  
Northern Care Alliance  
NHS Foundation Trust

Stroke-Immune Mediated Pathways and Cognitive Trajectory

**Short title:** Stroke-IMPACT study

## Summary Information Sheet

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We would like to invite you to **take part** in a **research study** that will assess if **inflammation** in the **brain** can affect **recovery** after **stroke**.



We will **test** if **changes** to cells in our **immune system**



can lead to **changes** in **memory** or **thinking** (cognitive decline) after a stroke.



What is the trial about?

We know that having a **stroke** can double (**x2**) a person's risk of **developing** cognitive decline.

We think that changing levels of inflammation in the **brain** and **blood vessels**, along with **infection** after stroke may be a factor for cognitive decline.



We are asking people who have **had a stroke** to take part in our study.

Participants will have assessments of **cognitive function**,



**lifestyle** and **general health**



at regular intervals for 3 ½ years.

We will also take **blood samples**



to measure inflammation and

immune function and some people will undergo additional **brain scans**.



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What will it mean for me?

If you are happy to take part, you will be asked to **sign a consent form**. If you are unable to do this, someone can sign it on your behalf. The researcher will conduct the following assessments:



**Visit 1** – this will be performed while you are **in hospital**

- The researcher will **record information** about you, including your **age**, **sex**, details about your stroke, current **medications** and other **health issues**.



- The researcher may find this information in your medical records.
- You may also be asked to complete a **short test** to assess your **memory** and **problem-solving** skills.

**Visit 2** – Within 4 days of your stroke onset



- The researcher will collect a blood sample 57.5ml (12 teaspoons).
- You may also be asked to undergo a Magnetic Resonance (MR) brain scan while you are in hospital or within 30 days of your stroke.

You **DO NOT** have to have this if you don't want to.



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**Visit 3** – this will be performed approximately 6 months after your stroke

- The researcher will arrange for you to **attend** Salford Royal Hospital.
- The visit will last approximately **3 hours**.
- The assessment will include a further blood test.
- You will be asked to **complete** a number of **questionnaires** to assess your **health, lifestyle** and **memory**.
- The researcher will also perform a **physical examination** including **blood pressure, walking, coordination** and recovery from stroke.

The researcher will explain each test and you can stop at any time if you wish.

You will be invited to repeat this assessment three more times:

**Visit 4** – performed approximately **18 months** after your stroke

**Visit 5** – performed approximately **2 ½ years** after your stroke

**Visit 6** – performed approximately **3 ½ years** after your stroke

- If you have agreed to undergo **additional MR brain imaging**, this will be performed at **Salford Royal Hospital OR Manchester Clinical Research Facility**.
- The two **(2)** additional scans will be timed to coincide with Visit 3 and Visit 5 above.
- Completion of **visit 6** will **end** your study participation.
- For more information, please see the full information sheet.