



Stroke-Immune Mediated Pathways and Cognitive Trajectory

Short title: Stroke-IMPaCT study

**Summary Information Sheet** 

IRAS ID: 275726 **REC Ref:** 21/WA/0156 V2.1\_04\_08\_2023

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

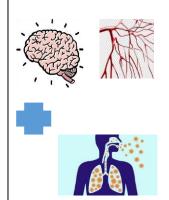


(cognitive decline) after a stroke.

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 <u>4 days</u> 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 <b>attend</b> Salford Royal Hospital.
☐ The visit will last approximately <b>3 hours</b> .
☐ The assessment will include a further blood test.
☐ You will be asked to <b>complete</b> a number of <b>questionnaires</b> to assess your
health, lifestyle and memory.
☐ The researcher will also perform a <b>physical examination</b> including <b>blood</b>
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.