

This study is a collaboration between:

- University of Bristol
- University Hospitals Bristol
- Cardiff University.

Further information

We can send you a more detailed information leaflet upon request.

Thank you!

Study leaflet V1 21-03-2013



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CARDIOLOGY/HBPSTUDY/OCT13

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Patient Information Service
Bristol Heart Institute

High blood pressure study brain blood flow



Do you have high blood pressure?

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What is this study?

Our research team (Bristol Heart Institute CardioNomics Group) is carrying out a study investigating the role that the brain plays in the development of high blood pressure, also known as Hypertension

Why is the study important?

High blood pressure is one of the biggest risk factors leading to a stroke or a heart attack. It is also a major risk factor in the development of diseases such as heart and kidney failure.

Unfortunately, the processes that lead to the development of high blood pressure are unclear and make it difficult to treat.

We think that the brain and blood flow to it plays a major role in the development of high blood pressure.

Who can take part?

- Men
- Women who are not pregnant
- Ages 18 to 75 years
- No known major illnesses
- Non-diabetic.

What will taking part involve?

This study involves two visits:

1. Screening visit at University Hospitals Bristol NHS Foundation Trust. This includes:
 - ECG of your heart
 - Urine dipstick test
 - Blood pressure measurement
 - Nerve testing measurements.
2. MRI visit to the Cardiff University Brain Imaging Centre. This involves
 - A MRI of your brain to measure brain blood flow.

**Please note:
We will compensate you for
travel costs**

What are the benefits of taking part?

Taking part in the research project is voluntary. However, if you decided to take part in this study, it will help us understand what new therapies we can develop to help lower blood pressure for those who have high blood pressure

You will get a full blood pressure screen, which may be of some benefit to you from a health check-up perspective.

Who is funding the study?

This study is funded by the British Heart Foundation.

Who can I contact for information?

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