



How Healthy is Your Heart?

What is coronary heart disease?

Coronary heart disease (CHD) is the most common type of heart disease. An estimated 2.3 million people have it in the UK(1). It can sometimes cause symptoms such as pain or tightness in the chest, shortness of breath or heart palpitations – where your heartbeat suddenly becomes noticeable – but some people don't have any symptoms. This type of heart disease is usually caused by blocked or narrowed areas in the arteries leading to your heart. These blockages can limit the blood flow, raising your risk of a heart attack.

How is it diagnosed?

If you have symptoms of heart disease, your doctor might order a CT (computerised tomography) scan to look at your arteries. This is a lot like an X-ray but in 3D. Sometimes, a CT scan will be enough. At other times, your doctor will need more information to get a good idea of the health of your arteries.

How can the HeartFlow Analysis help?

The HeartFlow Analysis is a more detailed non-invasive test that uses the latest technology to create a 3D map of your arteries and shows any blocked or narrowed areas. It analyses the blood flow to help your doctor determine if your heart is getting the blood and oxygen it needs.

The results give you and your doctor helpful information that you can use to plan your treatment.





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How the HeartFlow Analysis works

1. Your doctor will order a CT scan to look for blockages in your arteries. If the scan shows signs of disease, they may order a HeartFlow Analysis.
2. HeartFlow trained specialists use your CT scan to create a 3D image of your arteries on a computer.
3. Computational fluid dynamics is then applied to non-invasively work out how much each blockage is affecting the blood flow to your heart.
4. Within hours, your doctor will receive a colour-coded 3D model of your arteries and blood flow. This gives you and your doctor the information you need to decide the next steps in your treatment plan.

Ask your doctor if the HeartFlow Analysis is right for you.

To learn more, visit heartflow.com or heartuk.org.uk

The Accelerated Access Collaborative (AAC) is a unique partnership between industry, government, regulators, patients and the NHS working together to remove barriers and accelerate the introduction of ground-breaking new treatments and diagnostics which can transform care. The AAC Patient and Public Involvement Team hosted a webinar with HEART UK, to raise awareness of HeartFlow with patients.

HeartFlow is part of the NHS England MedTech Funding Mandate policy, delivered by the AHSN Network.



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*Image is not representative of actual product.



1 British Heart Foundation. (2018). CVD Statistics – BHF UK Factsheet. Retrieved from <https://www.bhf.org.uk>.

The HeartFlow Analysis is intended to support the functional evaluation and assessment of coronary artery disease by qualified clinicians.

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