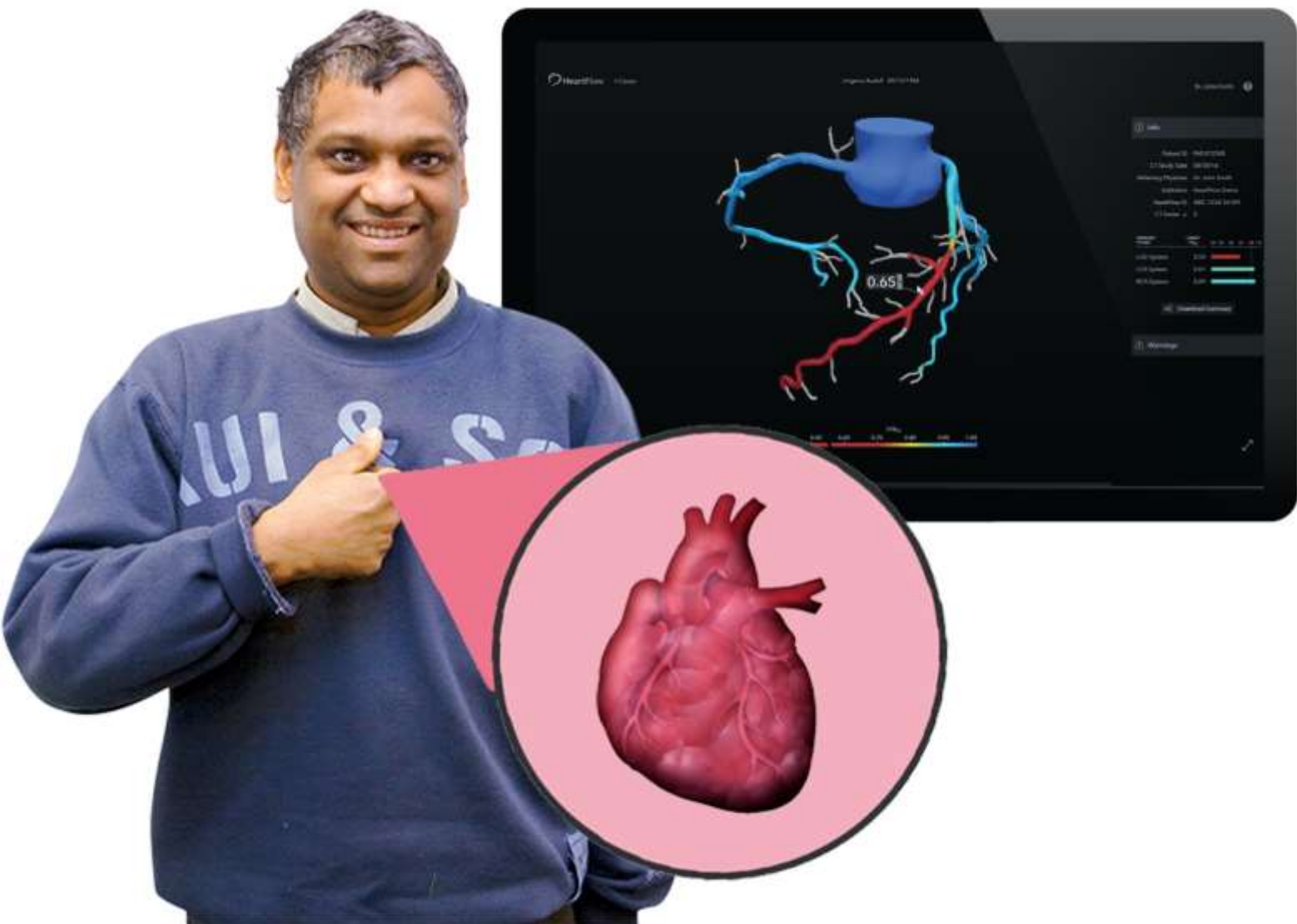


How Healthy is Your Heart?



About this leaflet?



This is an easy read of how healthy is your heart leaflet.



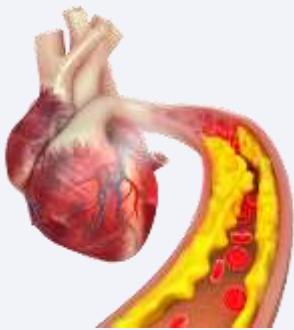
Blue Words

The words or phrases in **blue** are ones we think need explaining.



We have explained what **blue** words mean.

What is coronary heart disease



Coronary heart disease is caused by blocked or narrowed areas in the **arteries** leading to your heart.



Arteries supply blood around your body.



Blocked arteries can then limit the blood flow to the heart.



This may cause a **heart attack**.

A **heart attack** is a serious condition where the supply of blood to the heart is suddenly blocked.

What is coronary heart disease



About 2.3 million people may have coronary heart disease in the UK.



It can sometimes cause symptoms such as:



- pain or tightness in the chest



- hard to breath

What is coronary heart disease



- **Heart palpitations** – where you notice your heart pounding.



But some people don't have any symptoms of coronary heart disease.

How is coronary heart disease found?



If you have symptoms of heart disease, your doctor might order a **CT scan**.



A **CT scan** is a lot like an X-ray but provides more details.



Sometimes, a CT scan will be enough to get a good idea of how healthy your heart is.



At other times, your doctor will need more information to get a good idea of how healthy your heart is.

How can the HeartFlow Analysis help?



HeartFlow Analysis is a computer software that will give more information on how healthy your heart is.



It creates a 3D map of your arteries and shows any blocked or narrowed areas.



It looks at the blood flow to help your doctor to find out if your heart is getting enough blood and oxygen it needs.



The results give your doctor helpful information that they can use to plan how they will treat you.

How the HeartFlow Analysis works



1

Your doctor will order a CT scan to look for any blockages in your arteries.



If the CT scan shows any signs of a blockage, your doctor may order a HeartFlow Analysis.



2

HeartFlow trained specialists uses your CT scan to create a 3D image of your arteries on a computer.



3

Computational fluid dynamics is then applied.

How the HeartFlow Analysis works



Computational fluid dynamics is the use of maths, physics and computer software to show in a visual way, how a fluid flows, and how the liquid affects objects as it flows past.



This works out how much each blockage is affecting the blood flow to your heart.



4

Your doctor will then get a colour-coded 3D model of your arteries and blood flow.



The results give your doctor helpful information that they can use to plan how they will treat you.

How the HeartFlow Analysis works



Ask your doctor if the HeartFlow Analysis will help you.



To learn more, please go to heartflow.com

Working in partnership



Heartflow is working with the **Accelerated Access Collaborative**.

ACCELERATED
ACCESS
COLLABORATIVE

The **Accelerated Access Collaborative** is a partnership between NHS, Government and other organisations.



By working together, they want to introduce new treatments and ways to make health care better.



The Accelerated Access Collaborative hosted a **webinar** with HEART UK.

Working in partnership



A **webinar** is an online event where the audience watch on computers, laptops and other devices.



The webinar was to raise awareness of Heartflow.



To find out more about HEART UK go to: heartuk.org.uk

**For further information about this Heartflow please go to:
heartflow.com or heartuk.org.uk**

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

Heartflow details:

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

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The HeartFlow FFRCT Analysis has received FDA clearance, is CE-marked, and is commercially available in the United States, Europe, Japan, and Canada.

This document was translated into easy-read by Ace Anglia.

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