Heartflow

Talking Points for Clinicians and Medical Staff

Overview

Heartflow Analysis is a non-invasive test for patients with suspected coronary artery disease (CAD). It provides a personalized, color-coded 3D model of the coronary arteries that measures the amount, type and location of plaque in your coronary arteries and how that plaque may be impacting blood flow to your heart. This helps your provider understand the severity of your disease and make informed decisions with confidence.[1,5]

Benefits

Non-invasive

Heartflow Analysis is an imaging analysis software that uses your coronary CTA images, so no invasive tests or anesthesia are needed.

Comprehensive

While a calcium score can measure calcified plaque, Heartflow Analysis also measures high-risk, noncalcified plaque that is more likely to cause a heart attack.[2]

Accurate

Heartflow has demonstrated superior accuracy in diagnosing CAD compared to other non-invasive cardiac tests, such as stress testing.[3] The technology pinpoints where plaque is located, how much of each plaque type is present and which blockages, if any, are limiting blood flow to your heart. Its accuracy is also clinically proven to align with results from more invasive tests.[4]

Personalized

Heartflow Analysis builds a personalized, 3D model of your arteries using images already taken during your coronary CTA scan.

Guides treatment decisions

This information helps your provider understand your risk of heart attack[2] and guide your personalized treatment.[5]

Cost

- For eligible patients, Heartflow Analysis is covered by Medicare. Most commercial insurers cover the flow measurement part of the analysis, and there is some coverage by commercial insurers for the plaque measurement portion of the test.
- Please contact your insurance company to determine your coverage and estimated cost.

How Heartflow Analysis Works

FFR_{CT} Analysis | Plaque Analysis

Step 1
Coronary CTA Scan

Detailed images of your heart are taken with a non-invasive Coronary CTA. If the scan shows plaque is present, your provider may order a Heartflow Analysis.

Step 2
Heartflow Analysis

The CCTA images undergo advanced AI processing to generate a personalized, 3D model of your arteries.

The report will analyze blood flow and plaque buildup in your coronary arteries.

Step 3
Details Delivered

With all the information in hand, your provider can make an informed decision on the best treatment pathway for you.

1. Rinehart S, et al. JSCAI. 2024. doi: 10.1016/j.jscai.2024.101296 2. Williams, Michelle C., et al. “Low-Attenuation SCOTHEART Trial.” pp. 1452–1462, https://doi.org/10.1161/CIRCULATIONAHA.119.044720 3. Driessen, et al. J Am Coll Cardiol 2019; Norgaard, et al, Euro J Radio 2015. 4. Narula J, et al. Eur Heart J. 2024. doi: 10.1093/ehjci/jeae115 5. Douglas PS, et al. JAMA Cardio. 2023. (PRECISE) doi:10.1001/jamacardio.2023.2595.