Heart disease is complex. Diagnosing it doesn't have to be.

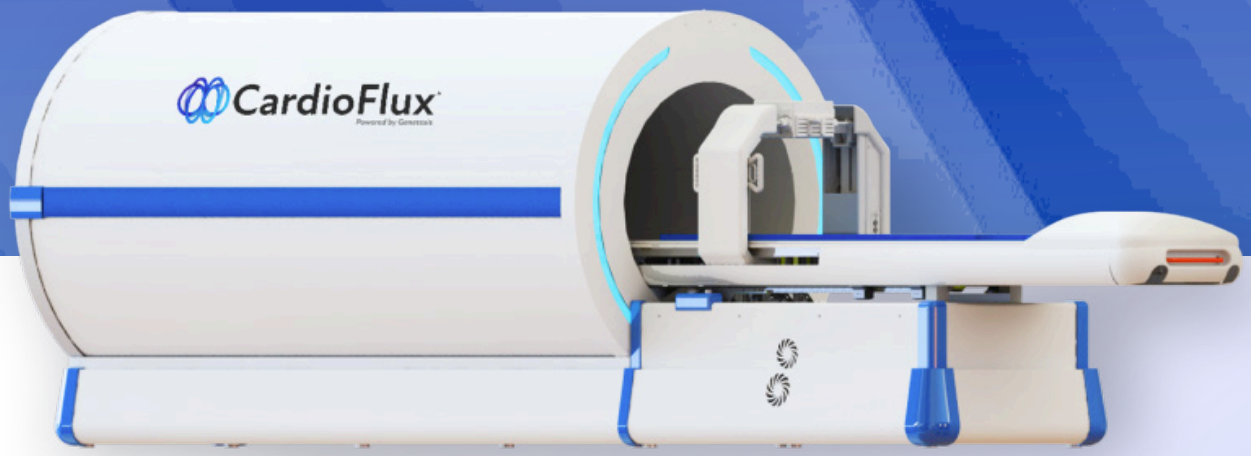
Introducing the only zero-contact cardiac imaging solution with the potential to detect and characterize functionally significant disease in a single scan.

CardioFlux®

Use of CardioFlux MCG for diagnosis is investigational and not yet authorized by FDA.

Working towards the zero-burden diagnosis and monitoring of heart disease.

Based on the principles of MCG, CardioFlux is a 90 second imaging solution that has the potential to identify the smallest electrophysiological signs of possible dysfunction.



An end to end scan can be completed in as little as ten minutes.

3 min

Scan preparation

Before laying on the scan bed, patients are asked to remove any metal that may reduce scan quality.

90 sec

Scan in progress

Patients are asked to lie as still as possible for the full 90 seconds required to measure cardiac function.

5 min

Report Generated

After the scan is captured and analyzed, a physician reviews the report and makes a final diagnosis.

BUILDING A BETTER STANDARD OF CARE

Diagnostic clarity, without the burden.

Nearly Instant

Scans complete in 90 seconds with results delivered in just 5 minutes.

Injection-Free

CardioFlux does not require exercise- or pharmacologically-induced stress.

Radiation-Free

CardioFlux does not have any emissions, including ionizing radiation.

Contact-Free

CardioFlux does not require the use of leads of any kind.

Here's what you don't need.

- Magnetically shielded room
- Specialized technicians
- Radioisotopes
- Disposables
- Custom power solutions
- Custom HVAC installation
- Lengthy recurring maintenance

Here's what you do.

- A single room with a standard power outlet.

AN EXPERT'S OPINION

"CardioFlux is an innovative noninvasive modality that could greatly benefit patients by helping provide a faster diagnosis of coronary microvascular dysfunction to guide appropriate treatment."

Odayme Quesada, MD, MHS, FACC, FAHA

Medical Director, Women's Heart Center, Ginger Warner Endowed Chair in Women's Cardiovascular Health

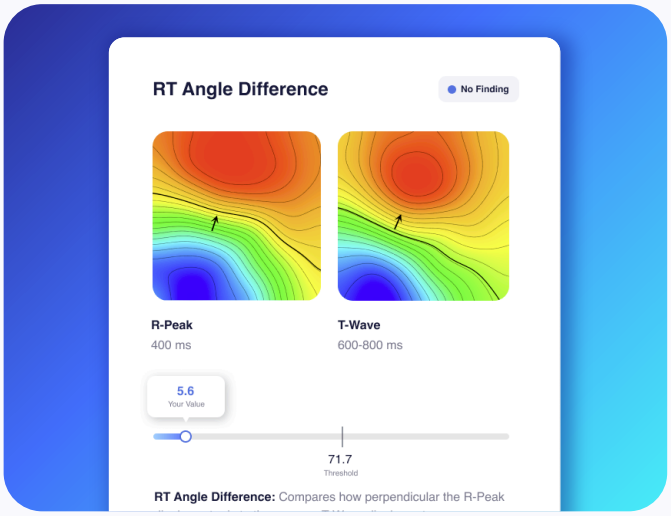
Simple imaging parameters reveal rich functional data

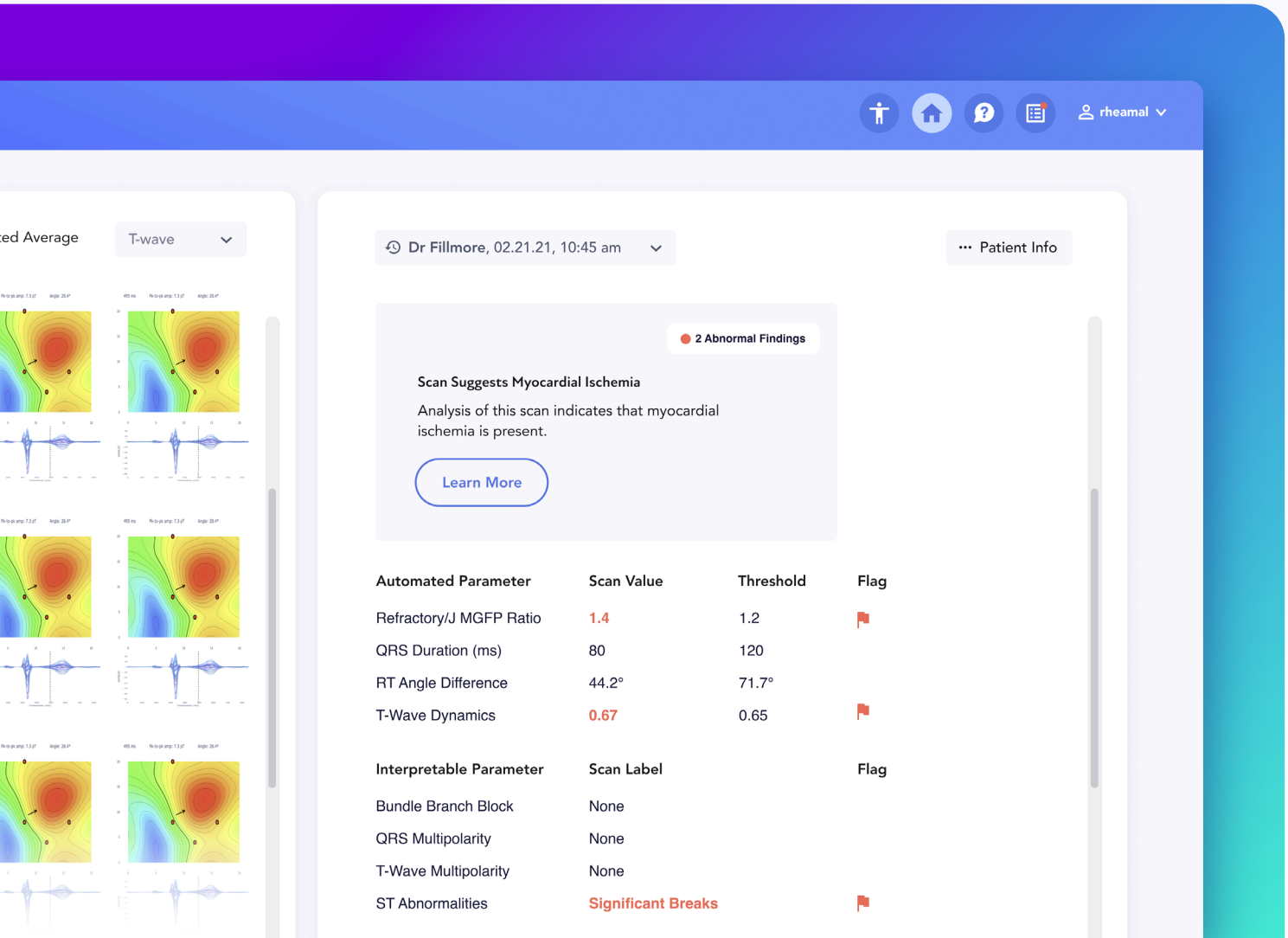
A Single Current Source

A magnetic field from a healthy patient will show a single red and blue dipole, indicative of a single current source during repolarization (visualized during the T-wave.)

Coordinated Depolarization + Repolarization

Near identical magnetic field patterns within both the R-peak and T-wave indicate similar action potential progression during depolarization and repolarization, a clear sign of healthy cardiac function.





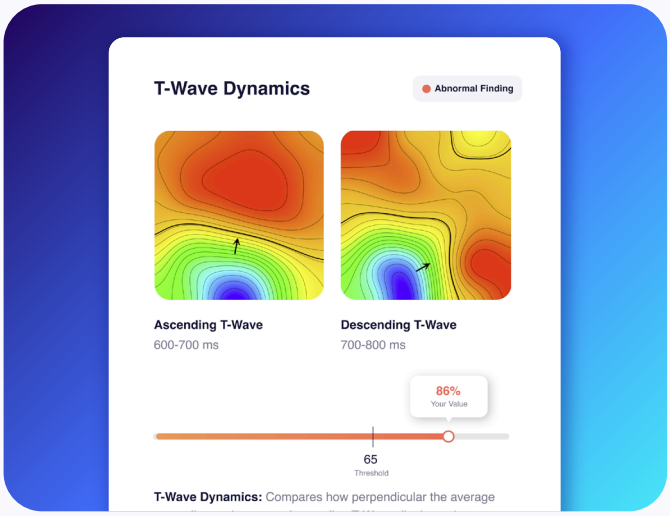
Characterizing dysfunction with a Magnetic Field Map

- **Multiple Current Sources**

  Ischemic tissue tends to produce extra current sources, known as injury current. A patient with OCAD will often show multiple red or blue areas of magnetic field caused by an extra current source during the T-wave.

- **Uncoordinated Current Conduction**

  Clear differences in magnetic field patterns between the R-peak and T-wave indicate at least one region with action potential disturbances during repolarization.



CardioFlux is more than just the hardware.

- **Accessible Anytime, Anywhere**

  Scans and reports are kept in the cloud, where you can access them anywhere with an internet connection.

- **Instantaneous Scan Processing**

  Scans taken with a CardioFlux MCG device are immediately processed and available for interpretation within minutes.

- **Machine-Assisted Interpretation**

  Features indicative of potential disease are automatically flagged during scan processing to assist in physician interpretation.

- **Robust Clinical MCG Resources**

  Case studies, walkthroughs, and other MCG-related resources are available for reference online and through the device as well.