



# Knowledge Is Life-Changing

Know your heart health  
in under 10 minutes with  
**MyoStrain**



# Nearly Half Of American Adults Have Some Form of Cardiovascular Disease<sup>1</sup>

Heart disease is a silent and deadly condition. This is because heart dysfunction, an early sign of declining heart health, often goes undetected until symptoms and damage may have occurred.

1 in 4 men & 1 in 5 women



die of heart disease every year

## What puts you at risk?

- + Family genetics
- + Hypertension, diabetes, and obesity
- + Cancer and HIV treatment
- + Coronary artery disease
- + COVID

1. Cardiovascular diseases affect nearly half of American adults, statistics show. [www.heart.org](https://www.heart.org/en/news/2019/01/31/cardiovascular-diseases-affect-nearly-half-of-american-adults-statistics-show). (n.d.). <https://www.heart.org/en/news/2019/01/31/cardiovascular-diseases-affect-nearly-half-of-american-adults-statistics-show>.

2. Centers for Disease Control and Prevention. (2021, February 3). Men and Heart Disease. <https://www.cdc.gov/heartdisease/men.htm>

3. Centers for Disease Control and Prevention. (2020, January 31). Women and Heart Disease. <https://www.cdc.gov/heartdisease/women.htm>



Know Your Risk

Don't wait for cardiac symptoms

# Introducing MyoStrain®

MyoStrain is a first-of-its-kind, direct heart assessment that can help your doctor detect heart dysfunction early and make preventative treatment decisions to keep your heart protected.

*Know Your Score*



# The MyoStrain<sup>®</sup> Care Approach



**Detect early.** MyoStrain provides early insights about the heart to help your doctor take action sooner



**Manage risk.** MyoStrain helps identify your risk of heart failure to help create a treatment plan that's right for you<sup>4</sup>



**Optimize care.** MyoStrain helps monitor the effects of treatment on the heart to optimize your care<sup>5</sup>

4. Korosoglou et al. Fast Strain-Encoded Cardiac Magnetic Resonance for Diagnostic Classification and Risk Stratification of Heart Failure Patients. *JACC Cardiovasc Imaging*. 2021 Jun;14(6):1177-1188. doi: 10.1016/j.jcmg.2020.10.024. Epub 2021 Jan 13. PMID: 33454266.

5. Giusca et al. Fast-SENC for the Prediction of Cardiotoxicity. *Circ Cardiovasc Imaging*. 2021; 14:e012459. DOI: 10.1161/CIRCIMAGING.121.012459

# What To Expect

1



You will request a MyoStrain exam online from a cardiac prevention center near you

2



A MyoStrain-certified physician will approve your request to receive the MyoStrain test: a fast, safe and needle-free heart scan performed on MRI in under 10 minutes

3



You will receive a MyoHealth™ Score, an accurate and quantified assessment of your heart function that may provide early insights into your heart health

## Understanding Your MyoHealth™ Score

Your MyoHealth Score represents the percentage of your heart muscle that is functioning normally.<sup>4</sup>

Your MyoHealth progress can be tracked over time, giving your doctor a way to accurately monitor changes in your heart health, determine the effectiveness of your treatment plan, and make proactive decisions to optimize your care.

# Patient Example

Patient<sup>5</sup> undergoing cancer therapy while heart is being monitored and protected

81%

BASELINE

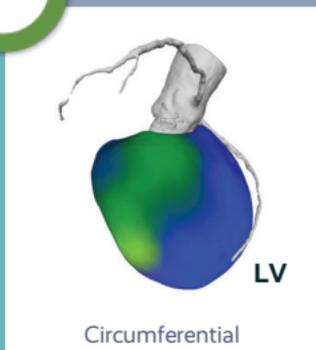


Baseline — Day 0

At baseline, the patient's heart is **healthy**

68%

CARDIOTOXICITY  
DETECTED



Follow-up 1 — Day 43

During cancer therapy, cardiotoxicity is detected and heart health begins to decline (**at risk**)

89%

CARDIOPROTECTIVE  
THERAPY



Follow-up 2— Day 66

Through MyoStrain early detection, physicians were able to treat and care for the patient proactively (**return to healthy**)

(Blue represents healthy areas, while green and yellow represent varying levels of dysfunction)



## What Makes MyoStrain Unique?

- + The heart is a powerful and dynamic muscular system that uses compensatory mechanisms to help make sure the body receives the blood and oxygen it needs to function.<sup>6</sup>
- + These compensatory mechanisms force stronger areas of the heart to compensate for weaker areas.
- + As a result, the heart appears healthy as a whole, but the weak areas of the heart remain undetected. This eventually leads to heart damage.
- + Unlike other heart assessments, **MyoStrain uses advanced diagnostic techniques to help clinicians see which areas of the heart are weak and which are strong.**<sup>7</sup>
- + This knowledge allows clinicians to focus on detecting heart dysfunction early to take action before damage occurs.

6. University of Michigan Health. Heart Failure: Compensation by the Heart and Body. <https://www.uofmhealth.org/health-library/aa86963>

7. Korosoglou G, et al. Strain-encoded Magnetic resonance: A Method for the Assessment of Myocardial Deformation. ESC Heart Failure. 2019; 1:19. doi:10.1002/ehf2.12442



# Early Detection Makes All The Difference

Many people have heart dysfunction for months, or even years, before they realize it. By the time patients start showing symptoms, the condition has already progressed and often times cannot be reversed.

The good news is that MyoStrain can help doctors begin intervention immediately. With MyoStrain, you can focus on being proactive rather than being reactive.





## Next Steps With MyoStrain

Visit our website, [getmyostrain.com](https://getmyostrain.com), or ask your doctor if MyoStrain is right for you.



## Commitment To Transforming Care

Our mission is to help patients and providers take control of their health. By giving clinicians unique insight into the early progression of heart dysfunction, we are working to prevent heart failure in patients everywhere around the world through personalized preventative care.



# Learn more about MyoStrain at [getmyostrain.com](https://getmyostrain.com)



## Learn more about the test

Visit [getmyostrain.com](https://getmyostrain.com) to read more about MyoStrain, and what it can do for you.



## Find a location near you

Search your location at [getmyostrain.com](https://getmyostrain.com) and choose where you'd like to test.



## Request an exam

Request an appointment at an imaging center near you on [getmyostrain.com](https://getmyostrain.com)



## Are you a physician?

See our pivotal data and learn how you can become [MyoStrain certified](#)

MyoStrain is a diagnostic tool intended to be used together with a patient's medical history and clinician's professional judgement. MyoStrain has received FDA-510(k) clearance, CE-mark certification and is commercially available for clinical use in the United States and Europe.

Rx Only

808 Aviation Parkway, Suite 700, Morrisville, NC 27560  
Main +1 919.677.8100 | Fax 1.919.882.1815 | [myocardialsolutions.com](https://myocardialsolutions.com)



**MYOCARDIAL SOLUTIONS**

*Transforming Cardiac & Cancer Care*