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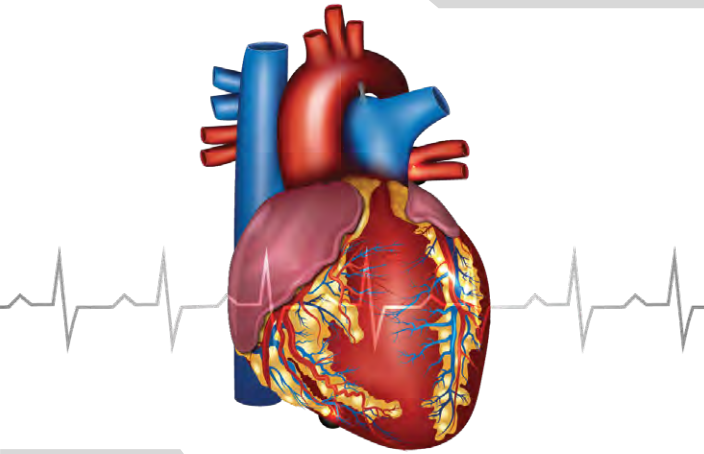
Preventing the Preventable

HART
CADhs



HEALTHY HEARTS MATTER – HART CADhs

Your doctor now offers a highly accurate, simple blood test - HART CADhs - which helps detect your risk of significant blockage in a heart artery.

No fasting required. Ask your doctor about HART CADhs blood test today!

HEART DISEASE - KNOW THE FACTS

More people die from heart disease than all cancers combined.

1 person dies every 36 seconds from heart disease.[1]

Heart disease is the leading cause of death in the U.S.—1 in 3 deaths.

Heart disease is 80% preventable.

50% of heart attack patients have normal cholesterol.

HART CADhs SCORE - WHAT IS IT?

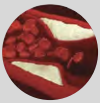
HART CADhs is a simple, highly accurate blood test for scoring your risk of significant blockage in a heart artery.

HART CADhs was developed and validated in collaboration with renowned researchers at Massachusetts General Hospital and data have been published in leading heart medical journals and presented at leading heart scientific meetings.[2,3]

Researchers used Artificial Intelligence (AI) to select important heart proteins and to combine them into a scoring system to provide each patient with their own risk score.[2,3]

HART CADhs proved to be more accurate (86%)[3] than other available tests, including stress tests (52%), gene expression tests (79%) and coronary artery calcium (CAC) scores (60%).

THERE ARE 3 PROTEINS & 3 CLINICAL PARAMETERS IN HART CADhs BLOOD TEST

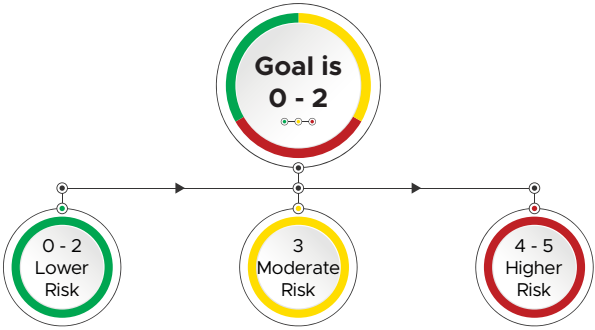
HART CADhs PROTEINS	RELATION TO HEART
Hs Troponin 	Measure to identify reduced blood flow and oxygen to your heart
Kidney Injury Molecule-1 	Measure to determine inflammation in an artery or level of heart-kidney abnormality
Adiponectin 	Measures ability to break down glucose (sugars) and fatty acid metabolism

HART CADhs CLINICAL PARAMETERS	RELATION TO HEART
Age	Older age is associated with with heart disease
Sex	Males have a higher risk factor for heart disease
History of invasive heart intervention, e.g. stent	History of heart disease is risk for further/additional heart disease

HART CADhs RISK SCORE SYSTEM[2,3]

HART CADhs risk scores range from 0 to 5 and have 3 risk ranges:

Lower Risk, Moderate Risk, Higher Risk



RISK FOR SIGNIFICANT BLOCKAGE OF A HEART ARTERY

A Score of 0 - 2
indicates a lower likelihood
of significant blockage of a heart artery.
(Score 1 = 9% Risk; Score 2 = 21% Risk)

A Score of 3
signifies a moderate likelihood
of significant blockage of a heart artery.
(Score 3 = 46% Risk)

A Score of 4 - 5
indicates a higher likelihood
of significant blockage of a heart artery.
(Score 4 = 85% Risk; Score 5 = 93% Risk)

HART CADhs GOAL - A HEALTHIER HEART

Your doctor will receive your HART test results in 2 weeks and will personalize a treatment plan for you based on the risk category identified.

YOUR DOCTOR MAY:

- **Prescribe new medications or adjust doses of medication including those to address cholesterol or high blood pressure.**
- **Prescribe a new nutrition plan for you.**
- **Recommend special supplements.**
- **Suggest additional heart tests to learn more about your heart.**
- **Check improvements or changes in your heart by monitoring the HART CADhs test once or twice a year.**
- **Recommend a HART companion test, HART CVE, to access your 1 year risk of heart attack, stroke, or cardiac death.**

HOW TO GET YOUR HART CADhs SCORE?

Ask your doctor about the HART CADhs test and its companion test, HART CVE, which tests specifically for your 1 year risk of heart attack, stroke or cardiac death.

If HART CADhs is the right test for you, then you will only need a simple blood draw, no fasting required.

REFERENCES

1 Heart Disease Facts | cdc.gov

2 McCarthy CP, Neumann JT, Januzzi, JL, et al. Derivation and External Validation of a High-Sensitivity Cardiac Troponin-Based Proteomic Model to Predict the Presence of Obstructive Coronary Artery Disease. J Am Heart Assoc., 2020;9:e017221. DOI: 10.1161/JAHA.120.017221.

3 McCarthy CP, Neumann JT, Januzzi, JL, et al. Derivation and External Validation of a High-Sensitivity Cardiac Troponin-Based Proteomic Model to Predict the Presence of Obstructive Coronary Artery Disease: Value in the Troponin "Indeterminant Zone". Presentation at Am Heart Assoc. Scientific Sessions, Nov 2019

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