

1  
2  
3



### BE PROACTIVE:

1. Talk to your doctor today to learn more about ArterioVision™ CIMT testing and to schedule your exam.
2. Become more proactive in reducing your risk for heart disease. Take your 15-20 minute ArterioVision™ CIMT exam.
3. Review your CIMT results with your doctor to determine next steps such as lifestyle modification, medication, and further testing.

PREDICTIVE, NON-INVASIVE, INEXPENSIVE

PREDICTIVE, NON-INVASIVE, INEXPENSIVE

# MTI

Making a Positive Difference Every Day...

**About the Provider of ArterioVision™:** Medical Technologies International, Inc. (MTI) provides the worldwide medical community with FDA-cleared, non-invasive diagnostic products and support services to assist them in the care of their patients. This is principally achieved by using patented software and scientific methodology for the early detection and monitoring of atherosclerotic vascular disease. ArterioVision's™ proprietary software and methodology were originally developed at the California



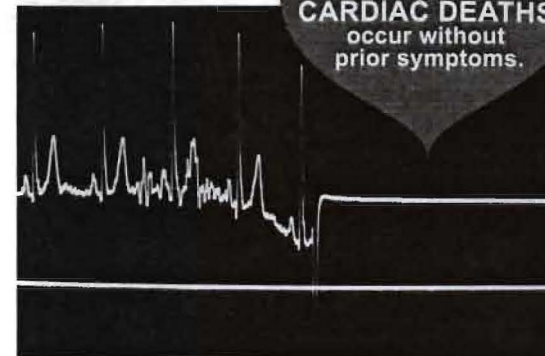
Institute of Technology (Caltech), National Aeronautics and Space Administration (NASA), Jet Propulsion Laboratory (JPL), and the Atherosclerosis Research Unit (ARU) at the School of Medicine of the University of Southern California (USC). ArterioVision™ has been used worldwide in research institutions for over fifteen years, and is now available clinically in the United States.

[www.i-mti.com](http://www.i-mti.com)

2/2008

## WHY YOU NEED AN ARTERIOVISION™ CIMT TEST

2 out of 3 unexpected  
**CARDIAC DEATHS**  
occur without  
prior symptoms.



This safe, fast, highly accurate, inexpensive, and FDA-cleared procedure is now available at:

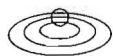
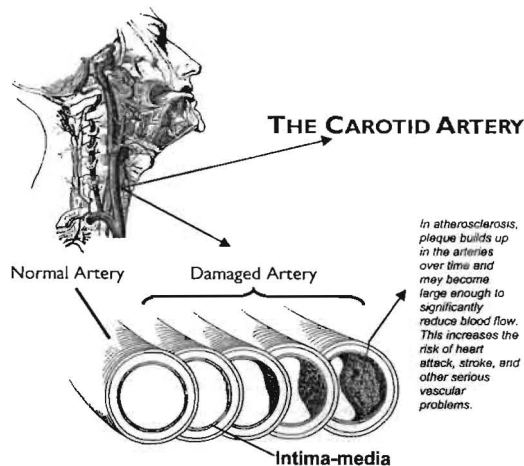
**YOUR PRACTICE NAME,  
CONTACT INFORMATION,  
& LOGO HERE**



## What is an ArterioVision™ CIMT Test?

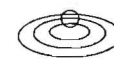
The CIMT (carotid intima-media thickness) test, or ArterioVision™, helps detect and treat heart disease and stroke. It is an FDA-cleared ultrasound procedure used to non-invasively measure and monitor atherosclerosis (the underlying cause of heart attack and stroke), even in individuals with no symptoms of heart disease.

ArterioVision™ is a convenient, safe, painless and precise technique for measuring the thickness of the first two layers of the carotid artery located in the neck, the very site where atherosclerosis develops. Wall thickening is the earliest physical indicator of atherosclerosis and heart disease.



## Why is CIMT Important?

- ♥ About every 26 seconds, an American will suffer a heart attack or stroke, and about every minute someone will die from one.
- ♥ 50% of men and 64% of women who die suddenly of heart disease have **no** previous symptoms of this disease.
- ♥ Many individuals who develop heart disease have normal cholesterol levels and lack other biomarkers (indicators) of risk.
- ♥ CIMT provides *early detection* of risk for heart disease.
- ♥ CIMT testing motivates you to partner with your doctor in decreasing your risk for a heart attack or stroke. While age, genes, and a family history of heart disease are risk factors beyond your control, you **can** alter a high-fat diet and lack of exercise, for instance.
- ♥ CIMT can be reduced. It measures how lifestyle modifications and therapeutic interventions can decrease your risk for heart disease.
- ♥ Research has proven heart disease can be reversed. CIMT testing can help you and your doctor in that process.
- ♥ CIMT testing is a new procedure and is available to you at an affordable price.
- ♥ The American Heart Association (AHA) and Adult Treatment Panel of the National Cholesterol Education Program (ATP III) recognize CIMT as a valid, reliable, safe, and noninvasive means for assessing subclinical vascular disease that can be used to further assess a patient's risk for heart disease.



## Frequently Asked Questions (FAQs)

### *If heart disease is detected, what can I do to prevent a heart attack or stroke?*

In addition to lowering your cholesterol and blood pressure – which often can be accomplished through medication – many risk factors can be addressed. Talk to your doctor about appropriate medications and lifestyle modification, such as: regular exercise, smoking cessation, reduction in dietary fat, stress management, and obtaining your ideal body weight.

### *Who should have a CIMT test?*

Individuals with the following risk factors for vascular disease:

- Family history of heart disease/stroke ♥ Overweight
- Physical inactivity ♥ Age 40 & over ♥ High-fat diet
- Tobacco user ♥ Elevated triglycerides
- High LDL-C "bad" cholesterol ♥ Low HDL-C "good" cholesterol
- High blood pressure ♥ Menopausal ♥ Diabetic
- Metabolic syndrome ♥ Steroid use

### *Is a CIMT test painful? Am I exposed to radiation during the test?*

No, absolutely not! The test is painless and non-invasive, with no radiation exposure.

### *What do I look for when I receive my CIMT test results?*

In general, the higher your CIMT score, the greater the likelihood of developing symptomatic heart disease. Discuss your results with your doctor in determining how to lower your modifiable risk factors.

### *How often should I undergo a CIMT test?*

Depending upon your condition and current course of treatment, follow-up CIMT testing should be conducted periodically. Your doctor will advise when you should be tested.