



# How many of your patients have significant Coronary Artery Disease?

## Introducing the Multifunction Cardiogram MCG<sup>tm</sup>

By Premier Heart LLC

**A standard ECG or stress  
test can't tell you,  
but the fast, noninvasive  
MCG analysis can!**



The revolutionary MCG device provides a noninvasive and stress-free method to detect and diagnose *myocardial ischemia* with unprecedented accuracy in less than 10 minutes!

The FDA-approved MCG devices saves lives by providing early diagnosis before your patient has a catastrophic event.

Insurance and Medicare reimbursements provide current users substantial positive cash flow and ROI in the first month of use.

**LSW MEDICAL LLC**

Accelerating Diagnosis Through Innovation

[www.lswmedical.com](http://www.lswmedical.com)

"I was astounded by the accuracy with which the MCG was able to identify patients with significant coronary stenosis, particularly in cases where other conventional diagnostic tools produced negative results."

*Dr. John E. Strobeck MD. PhD. F.A.C.C.*

## Good Medicine & Good Business

- ◆ FDA Approved 2000
- ◆ CPT Code 0206T
- ◆ Accurate: Four clinical trials with more than 1,200 patients show 92%+ sensitivity and 85% specificity
- ◆ Noninvasive and no radiation or nuclear materials
- ◆ Peer Reviewed: 12 published articles since 2002
- ◆ Quantitative results - not qualitative
- ◆ Lease-to-own eliminates up-front cash requirements
- ◆ Approved for Medicare/insurance reimbursements
- ◆ Your current staff can perform the test with minimal additional training

The MCG Test performs MUCH better than other traditional tests, when compared to the "Gold Standard" Angiogram.

Modality	Premier Heart MCG	Angiogram	Stress EKG <sup>2</sup>	Stress Echo <sup>2</sup>	Nuclear Stress Test <sup>2</sup>	12-Lead Resting EKG	Troponin	MRI Angiogram <sup>3</sup>	CT Angiogram <sup>3</sup>
Measures	Myocardial Systems Expression <sup>5</sup>	Coronary Anatomy	Stress induced EKG changes	Stress induced Echo changes	K+ Channel Effect from Stress	2D Vectorized Time Domain ECG Signal	Heart Muscle Enzymes	Coronary Anatomy	Coronary Anatomy
Sensitivity 40-50% <sup>1</sup> (Partial Occlusion)	80 to 90%	Gold Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sensitivity 50-70% <sup>1</sup> (Partial Occlusion)	90 to 95%	Gold Standard	N/A	N/A	N/A	20% CAD	N/A	74%	82 to 92%
Sensitivity >70% <sup>1</sup> (Stenosis)	95 to 100%	Gold Standard	45%	31 to 90%+	44 to 91%	20% CAD 52% MI	N/A	54%	82%
Specificity	80+ to 90%	Gold Standard	85%	46 to 100%	81 to 90%	97% CAD 9% MI	N/A	75%	75%
Time Required	5 minute test; 5 minute report <sup>4</sup>	Long prep & testing time	30-40 minutes	30-40 minutes technically demanding	~ 3-6 hours	Minimal lag time	~ 6 hours	Up to 2 hours, plus interpretation	Up to 2 hours, plus interpretation
Quantitative and Objective	Yes	No	No	No	No	No	Yes	Yes	Yes

NOTE: Sensitivity = accuracy rate in detecting a condition in those who have the condition (partial occlusion or stenosis)  
Specificity = accuracy rate in rejecting false positives in those who do not have the condition (partial occlusion or stenosis)

Information (except MCG) from: Cleveland Clinic Intensive Cardiology Review Course, 2001  
MCG Data from Premier Heart Clinical Trials

1 — Percent of luminal encroachment by atherosclerotic plaque

2 — Exercise Stress Testing

5 — Quantifies stress / strain between the myocardium and blood flow

3 — Annals of Internal Medicine 2006; 145: 407—415

4 — Dependent on internet connection speed