

Patients with Coronary Artery Disease

Percutaneous Coronary Intervention
Coronary Artery Bypass Grafting

Therapies based on Current Secondary Prevention Guidelines

Smoking cessation	Antiplatelet agents
Blood pressure control	RAAS blockers
Lipid management	β -blockers
Physical activity	Depression management
Weight management	Cardiac rehabilitation
Type 2 DM management	

Non-invasive Peripheral
Endothelial Function
Assessment (VENDYS Test)

Normal Endothelial
Function

Continue Therapies

Periodic Endothelial
Function Assessment

*Abnormal Endothelial
Function

Intensive Therapies

- Maximize statin dose to LDL near 75 or Non-HDL < 100
- Add EPA Supplements (e.g. fish oil)
- Maximize BP Lowering Drugs to BP < 130/85
- More Aggressive Weight Loss
- Increase Cardio Exercise to 30-45min per Day Every Day @60-70% Maximum Heart Rate
- Mediterranean Diet
- Stress Reduction Tools (e.g. Yoga)
- Treat Underlying Inflammatory Disease
- Improve Oral Hygiene
- Add Nitrates/Nitrites Supplements (e.g. Beetroot), etc.

Periodic Endothelial
Function Assessment

*Abnormal endothelial function is defined as VRI less than 1.5 in 2 out of 3 visits /measurements, 1-3 months interval between visits /measurements.

Patient without Known Coronary Artery Disease but with Multiple CVD Risk Factors

Standard Therapies based on Current Published Guidelines

Smoking cessation Type 2 DM management
Physical activity Depression management
Weight management Lipid management
Blood pressure control

Non-invasive Peripheral Endothelial Function Assessment (VENDYS Test)

Normal Endothelial Function

Continue Therapies

Periodic Endothelial Function Assessment

***Abnormal Endothelial Function**

Imaging Studies (e.g. CACS**) to Try to Identify Elevated CVD Risk

Normal CVD Risk Category

Elevated CVD Risk Category

Intensive Therapies

- Maximize statin dose to LDL <75 or Non-HDL < 100
- Add EPA Supplements (e.g. fish oil)
- Maximize BP Lowering Drugs to BP <130/85
- More Aggressive Weight Loss
- Increase Cardio Exercise to 30-45min per Day Every Day @60-70% Maximum Heart Rate
- Mediterranean Diet
- Stress Reduction Tools (e.g. Yoga)
- Treat Underlying Inflammatory Disease
- Improve Oral Hygiene
- Add Nitrates/Nitrites Supplements (e.g. Beetroot), etc.

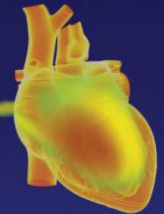
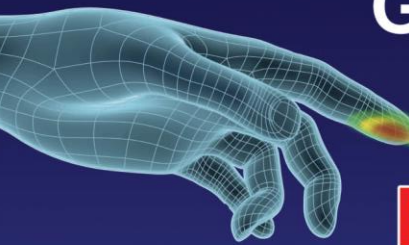
*Abnormal endothelial function is defined as VRI less than 1.5 in 2 out of 3 visits /measurements, 1-3 months interval between visits /measurements.

**CACS is defined as coronary artery calcium score.

Go Beyond Blood Pressure®

Detect & Treat

Endothelial Dysfunction



Endothelial Dysfunction
Is Associated with the Following:



Non-invasive, Inexpensive, Easy to Do



VENDYS II®

Vascular Function Measurement Made Easy

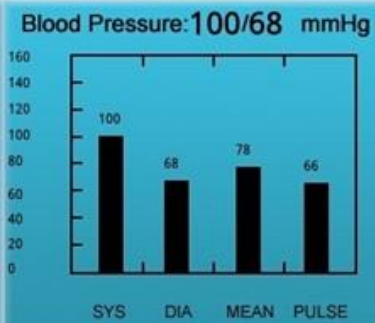
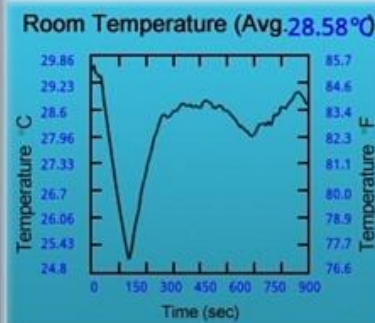
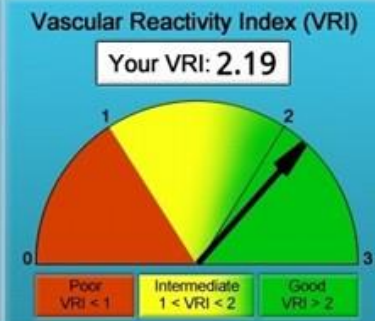
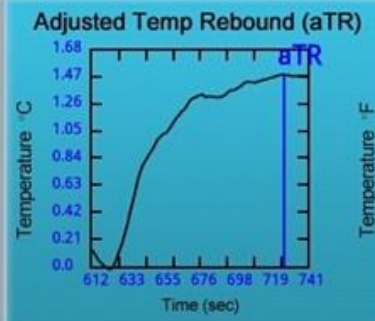
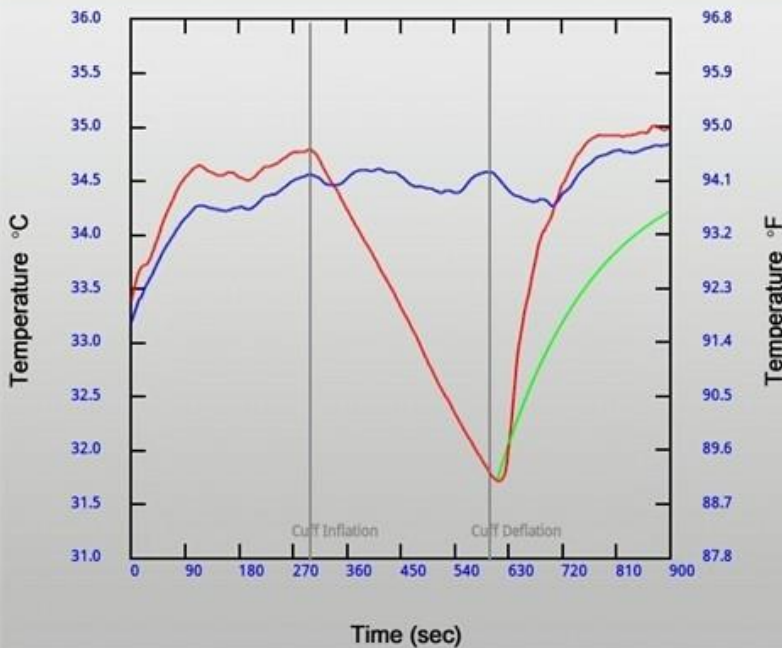
VENDYS-II® Sample Report (Good VRI)

- Right Finger
- Left Finger
- Zero Reactivity Curve

VENDYS® Vascular Function Test

ENDOTHELIX

For more information about your test
visit www.endothelix.com



Quality Check

- Cold Finger
- Cold Room
- Baseline Stabilization

- Sympathetic Response
- Vasomotor Instability
- Right vs. Left Delta
- Fluctuating Room Temperature

Neurovascular Reactivity Index (NVRT)

	Avg.	SD
Ischemia: Cuff Inflation	-0.1	+/- 0.27
Reperfusion: Cuff Deflation	0.03	+/- 0.759

Name: [Redacted]

DOB: 1956-03-26

Test Date: 2017-03-15 04:37:21

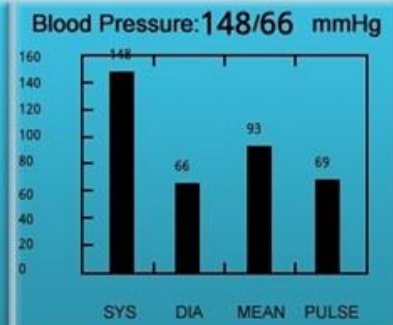
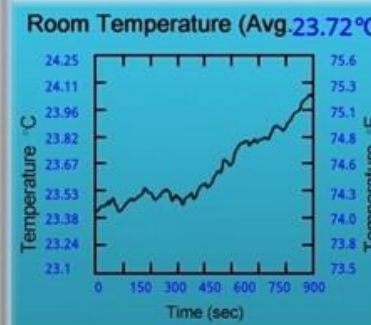
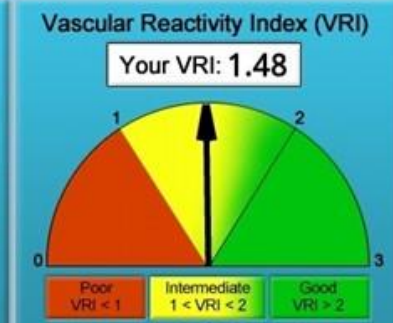
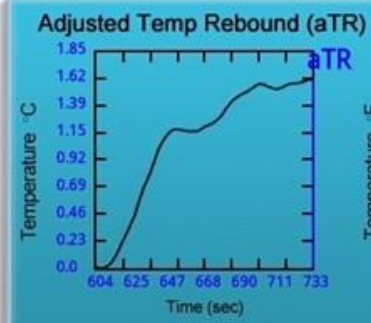
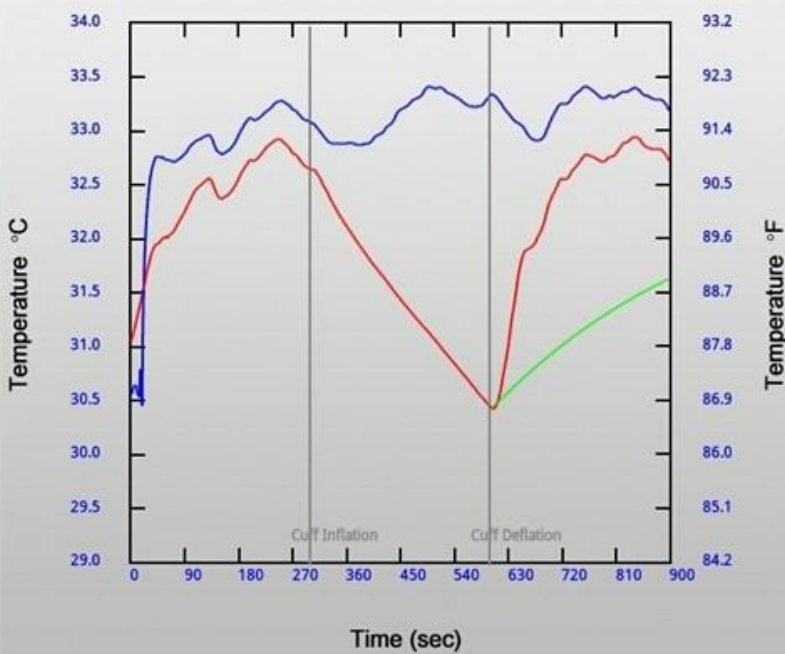
VENDYS-II® Sample Report (Borderline VRI)

VENDYS® Vascular Function Test

ENDOTHELIX

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- Right Finger
- Left Finger
- Zero Reactivity Curve



Quality Check

- Cold Finger
- Cold Room
- Baseline Stabilization
- Sympathetic Response
- Vasomotor Instability
- Right vs. Left Delta
- Fluctuating Room Temperature

Neurovascular Reactivity Index (NVRI)

	Avg.	SD
Ischemia: Cuff Inflation	-0.02	+ 0.479
Reperfusion: Cuff Deflation	-0.02	+ 0.379

Name: [Redacted]

DOB: 1947-06-05

Test Date: 2017-03-26 22:50:00

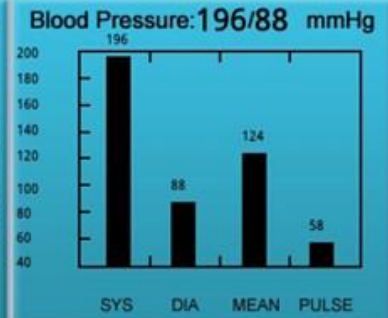
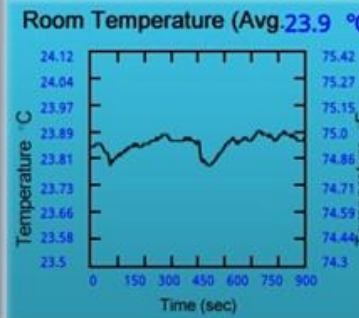
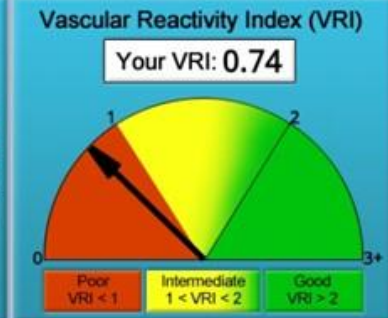
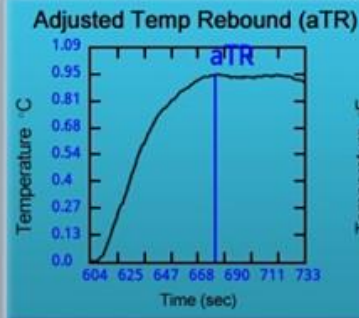
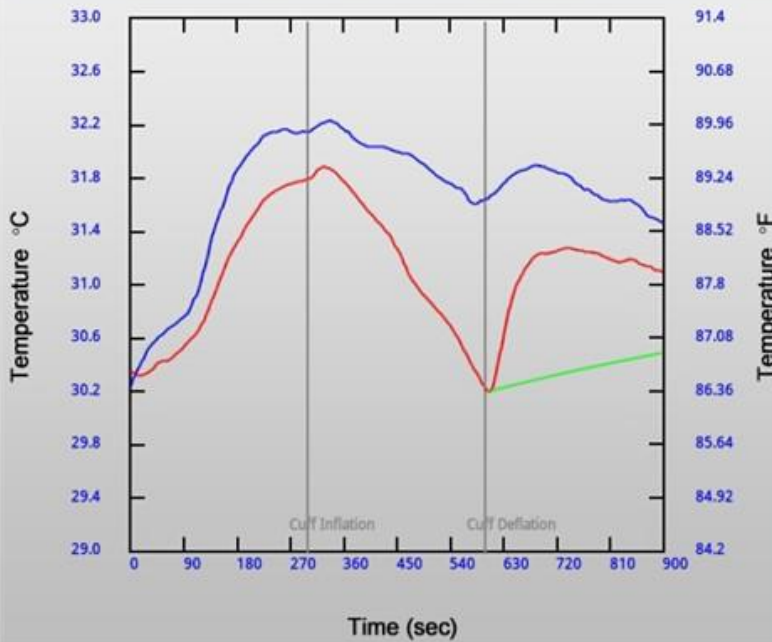
VENDYS-II® Sample Report (Poor VRI)

- Right Finger
- Left Finger
- Zero Reactivity Curve

VENDYS® Vascular Function Test

ENDOTHELIX

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Quality Check

- Cold Finger
- Cold Room
- Baseline Stabilization
- Sympathetic Response
- Vasomotor Instability
- Right vs. Left Delta
- Fluctuating Room Temperature

Neurovascular Reactivity Index (NVRT)

	Avg.	SD
Ischemia: Cuff Inflation	-0.34	+/- 0.17
Reperfusion: Cuff Deflation	0.17	+/- 0.30

Name:

DOB: 1927-03-03

Test Date: 2017-05-17 03:53:12