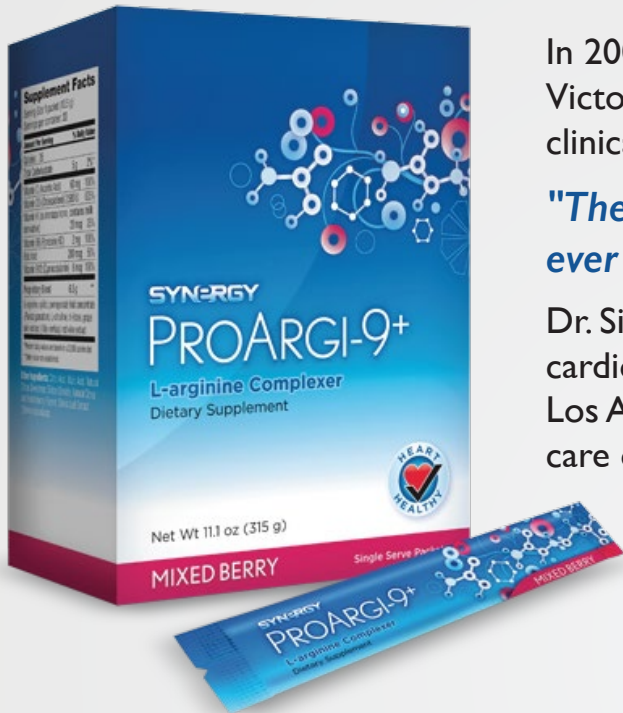


# HIGH DESERT HEART INSTITUTE LANDMARK STUDY DEMONSTRATES L-ARGININE'S HEART BENEFITS



In 2009 the High Desert Heart Institute (HDHI), in Victorville, California, concluded a comprehensive clinical study of ProArgi-9+.

*"The most comprehensive human clinical study ever conducted on a nutritional supplement."*

Dr. Siva Arunasalam is the founder and attending cardiologist at HDHI. He is an affiliate of Cedars-Sinai of Los Angeles and internationally respected for superior care of high-risk heart patients.

*In 1998 the Nobel Prize of Medicine was awarded to 3 American scientist for their work investigating the effects of nitric oxide (NO), as well as how L-arginine was central to the enhanced production of NO in the body.*



For this study 33 high-risk heart failure patients were selected. All patients in the study had reached the end of what medical science could do for them. They were at maximum drug levels, maximum supplemental oxygen and maximum therapy. 60% of these patients were on the heart-transplant list.

*"There was nothing else for us to try, we had tried everything with these patients. All patients showed a tremendous improvement in many, many objective data points that only can be attributed to ProArgi9"*

*- Dr. Siva Arunasalam*

To scientifically measure the effects of ProArgi9 plus every patient received extensive diagnostic testing for 13 weeks producing almost 7000 points of data. Each patient was given two servings of ProArgi9 plus in the morning and two in the evening.

The results of the 90 day study were far more significant than anyone expected. Many of the patients were able to resume normal lives and the quality of life for all patients had improved dramatically. Full results of the study using ProArgi9 plus are currently being written up for publication in medical journals.

## STUDY: BENEFITS OF AN AGININE-BASED NUTRITIONAL SUPPLEMENT IN HOSPITALIZED HEART FAILURE PATIENTS: PRELIMINARY RESULTS

**NO. OF PATIENTS:** 33      **AVERAGE AGE:** 68 yrs

**CONDITION OF PATIENTS:** Most suffered from serious cardiovascular conditions or diseases related to poor cardiovascular health.

### DISEASE CATEGORY SUBSETS:

- PVD (Peripheral Vascular Disease)
- Pulmonary Arterial Hypertension
- Malignant Hypertension
- Diabetes Mellitus
- Angina
- Erectile Dysfunction

**LENGTH OF STUDY:** 90 days

### PROTOCOL:

- Patients under direction of HDHI Physicians
- Each patient received 10 grams am and 10 grams pm of a superior-quality L-arginine supplement (ProArgi-9+)
- 30/60/90 day period data review on patients

### LAB TESTS (DONE WEEKLY):

- CMP (Complete Metabolic Panel)
- CBC (Complete Blood Count)
- HgbA1c Hemoglobin 90 day test
- Full Lipid Panel
- Vitamin D3 levels
- Microalbumin
- LFT (Liver Function Test)
- BNP (B-Naturetic Peptide Levels)
- CRP (C-Reactive Protein)
- Echocardiogram
- CardioDynamic Analysis (BioZ)
- 6 Minute Walk Test
- Coronary Calcium Score: (Computerized tomography)
- Coronary CT Angio IV Contrast
- Ankle - Brachial Index
- Cardio Pulsewave Analysis (B-Pro)
- Doppler Echo
- Blood Oxygen Saturation Levels (APRIA Health)

*"I expected a marginal improvement in the symptoms...what we ended up seeing was remarkable, positive, remodeling of the heart, positive pulmonary artery changes, pulmonary vascular changes..."*

*Dr. Siva Arunasalam*

*Dan Austin was the RN in charge of every patient in this study and saw first hand, the amazing results of ProArgi-9+.*

*"I've been doing this type of work in critical care for well over 20 years and you see what congestive heart failure does. I have seen a dramatic, a dramatic reversal in Angelo's symptoms."*

# HIGH DESERT HEART INSTITUTE STUDY KEY FINDINGS

Triglycerides	40% Decrease
HDL Cholesterol in Men ( <i>good cholesterol</i> )	18% Increase
HDL Cholesterol in Women	34% Increase
Fasting Blood Sugars	16% Decrease
Vitamin D Levels	183% Increase
Systolic Blood Pressure	13% Decrease
Diastolic Blood Pressure	17% Decrease
C-reactive Proteins	25% Decrease
Creatine Levels	11% Decrease
Magnesium Levels	35% Increase
<i>(even though there is no magnesium in the product, magnesium is very important in improving heart health)</i>	
Glucose	8% Decrease
Albumin	70% Decrease
CASP (Central Aortic Systolic Pressure)	6% Decrease
Peripheral blood flow to the feet <i>(by an ankle reading)</i>	16% Increase
Bilirubin decreased significantly	
Decreases in platelets in the blood	
Pulmonary Hypertension dramatically improved	
Quality of life measurements significantly improved for all participants	

***“The results obtained were over and above those of maximum pharmacological and medical management.”***

***Dr. Siva Arunasalm***

***On Dec 20, 2008 Angelo Cici had a massive heart failure with simultaneous renal failure, congestive heart failure, pulmonary heart failure and a pace maker failure. From this point on he was in and out of the emergency room. "I was so weak I couldn't even open a bottle of water by myself and I had decided, I had had enough. I told the nurses I wanted all the IV's removed and I just wanted to go home and die." Angelo was patient at HDHI and part of the study. "I was never going more than 5 days with out going back into the hospital emergency room until I started taking ProArgi9. ... it's been 6 months since I've been into a hospital. ...I feel like I'm 40 years old again." - Angelo Cici***



***“ProArgi-9+ is the highest quality L-arginine supplement in the world.”***

*-Physicians' Desk Reference (2014), pg. 2571*

***Learn more about the amazing benefits of ProArgi-9+ at  
[www.amiraclemolecule.com](http://www.amiraclemolecule.com)***