NO More Heart Disease

Nitric Oxide Information

NO is one of the simplest molecules in biology, comprised of just two atoms—one atom of nitrogen (N) and one of oxygen (O). Through NO’s structure is simple, nitric oxide is now regarded as the most significant molecule in the body, absolutely crucial to your well-being.

Nitric oxide is a powerful signaling molecule present in the cardiovascular and nervous systems as well as throughout the body. NO penetrates membranes and sends specific messages or biological signals that regulate cellular activity and instruct the body to perform certain functions. NO influences the functioning of virtually every bodily organ, including the lungs, liver, kidneys, stomach, genitals, and, of course, the heart.

Among the many vital duties NO performs is its role as a vasodilator, meaning that it helps control blood flow to every part of the body. NO relaxes and enlarges the blood vessels, ensuring that blood can efficiently nourish the heart. NO also works to prevent the formation of blood clots, which are the trigger for strokes and heart attacks, and it regulates blood pressure.

Another key role of NO is to slow the accumulation of atherosclerotic plaque in the blood vessels. You will recall that plaque is an artery-hardening buildup of cholesterol fats in the coronary arteries that can narrow or even block the arteries, thereby reducing the heart’s blood supply. My research strongly suggests that by capitalizing on its ability to combat atherosclerotic plaque, nitric oxide therapy can help lower cholesterol by synergistically facilitating the actions of commonly prescribed statin drugs like Lipitor and Mevacor. It stands to reason that NO therapy is not only safe when combined with statins, but also enhancing to the drugs’ effects, because one of the important mechanisms of these drugs is to increase and maintain NO production. NO therapy performs the same function, only naturally.

NO is used by the immune system to stave off infectious bacteria, viruses, and parasites, and it even curtails the proliferation of certain types of cancerous cells. In people with moderate to severe diabetes, nitric oxide can prevent many common but serious complications, particularly those associated with impaired blood flow. NO is also crucial to memory function, because the brain used it to store and retrieve long-term memories, as well as to transmit information. We are currently looking into the major role NO may play in the prevention of Alzheimer’s disease.

As an anti-inflammatory, nitric oxide is being studied for its apparent role in reducing the swelling and discomfort of arthritis. NO can also guard against the development of stomach ulcers by maintaining normal blood flow to the mucosal lining of the
gastrointestinal system. As neurotransmitter, NO increases blood flow to the genitals, thus playing an important role in normal sexual functioning. My findings in the area led to the development of the prescription drug Viagra. NO is a powerful antioxidant, deactivating so-called oxygen “free radicals” in the body that can contribute to American’s four leading killers” cancer, diabetes, heart disease, and stroke.

The single biggest NO producing nutrient is the amino acid l-Arginine.

**Research suggests the following benefits for L-arginine:**

- Precursor for the synthesis of nitric oxide!
- Counters heart disease and aids in blood pressure regulation!
- Enhances blood flow to vital organs!
- Stimulates growth hormone for anti aging benefits!
- Supports healthy sexual performance for both men and women!
- May aid in decreasing body fat!
- Maintains healthy blood sugar levels already in the normal range!
- May boost energy levels!
- Has been shown to impact the immune function in a positive way!
- Helps the body adapt to changes in life and environment!
- May increase stamina and sports performance!

**Benefits of nitric oxide:**

- **Nitric oxide regulates the muscle tone of blood vessels** to have a major impact on controlling blood pressure. This directly relates to high blood pressure.
- **Nitric oxide causes penile erections** by dilating blood vessels. This directly relates to erectile dysfunction.
- **Nitric oxide stops blood platelet cells from grouping together** in a clot to help prevent blockages in the blood vessels. This directly relates to heart attacks, strokes and sickle cell anemia.
- **Nitric oxide helps the immune system** fight viral, bacterial and parasitic infections as well as tumors.

**As you get older your Nitric Oxide production reduces substantially and very much so if you have hardening of the arteries etc. To overcome this you need to supplement with the right formulation of L-arginine and other ingredients.**
The best supplement

ProArgi9 Plus
A natural nutraceutical supplement that combines the latest technology and superior ingredients to enhance heart health, regeneration and anti-aging. Formulated in collaboration with leading L-arginine researchers and validated by Nobel prize research on Nitric Oxide.

ProArgi-9 Plus
an L-arginine Complexer

ProArgi-9 Plus is an extremely effective proprietary blend of l-arginine as well as other highly effective ingredients. Through the Nobel Prize in Medicine, science has confirmed that l-arginine is the most powerful trigger of Nitric Oxide production in the body.

One serving contains 5,000 mg (5 grams) of elemental pharmaceutical grade l-arginine. Often referred to as the “miracle molecule,” l-arginine has potent health-enhancing properties. The efficacy of l-arginine as a therapeutic agent has been validated by thousands of scientific clinical studies.

ProArgi-9 Plus was formulated in collaboration with leading l-arginine researchers such as J. Joseph Prendergast and other cardiovascular specialists who have conducted pioneering research in the proper application of l-arginine in promoting cardiovascular health. These experts have helped create the best l-arginine product on the market.

L-arginine is best known for its cardiovascular benefits. In the body, l-arginine is converted to nitric oxide, which relaxes the blood vessels. This reduces stress on the heart and improves circulation. L-arginine is the body’s major source for nitric oxide synthesis. Without nitric oxide, human life would not be possible. L-arginine also reduces blood viscosity. Scientific studies have shown that l-arginine aids in reducing blood pressure levels.

L-arginine also enhances health in a number of other ways. It helps improve immune function, stimulate the release of human growth hormone (HGH), and promote healthy sexual function. It may also boost energy levels, help to build muscle, and reduce adipose tissue body fat.
What's in it?

L-Arginine
L-arginine is a vital amino acid that plays a role in a number of physiological functions in the body, but is best known for its cardiovascular benefits. In the body, L-arginine is converted to nitric oxide, which relaxes the blood vessels and regulates blood vessel tone and flexibility. This reduces stress on the heart, improves circulation, and lowers blood pressure.

One scoop = 5000 mg of pharmaceutical grade L-arginine

Our L-arginine is pharmaceutical grade and not made with dangerous chemicals like hydrochloric acid.

L-citrulline
The amino acid citrulline is metabolized to yield more L-arginine, which in turn provides additional nitric oxide. Citrulline helps to optimize blood flow and oxygen throughout the body and promote healthy energy levels.

Vitamin D3
Vitamin D3 is no longer classified as a vitamin, but rather a hormone. This vitamin has long been known to aid in calcium absorption, but new research shows that vitamin D3 also plays a role in healthy cardiovascular function and supports a healthy inflammatory response.

Resveratrol
This ingredient is high in antioxidants, anthocyanins, and polyphenols, which help protect the heart and reduce LDL oxidation.

Pomegranate
Pomegranate contains superior antioxidants, known as punicalagins and ellagic acid. Pomegranate inhibits LDL oxidation, supports arterial wall strength, and enhances the activity of the enzyme responsible for converting L-arginine to nitric oxide.

Vitamin K2
This vitamin keeps calcium in the bones and out of the arteries.

Folic Acid, Vitamins B6 and B12
These ingredients work together to naturally decrease homocysteine levels. A high level of blood serum homocysteine is a powerful risk factor for cardiovascular disease. Elevated levels of homocysteine have been linked to increased fractures in elderly persons.

D-ribose
D-ribose is a naturally occurring sugar that has been extensively studied for its ability to enhance the recovery of energy compounds in heart cells. It protects against cell damage in the heart and helps rejuvenate heart muscles.
Xylitol
This ingredient is a low glycemic sweetener that occurs naturally in the body. Unlike other sweeteners, xylitol has been shown to promote saliva production providing protection against tooth decay.

www.healthiswealth.net  Dr. Ignarro’s site – Nobel prize winner for the discovery of the role of Nitric Oxide

www.synergyworldwide.com  – the best L-arginine product

www.endocrinometabolic.com  Dr Prendergast’s site- the product formulator

http://cardiohealthresearch.com/dr-siva-arunasalam-m-d/  Research Google in High desert Heart institute /L-arginine for lots of info.