Nitric Oxide:
AT THE HEART OF THE MATTER

NITRIC OXIDE IS ESSENTIAL FOR A HEALTHY CARDIOVASCULAR SYSTEM

Nitric oxide (N-O) is crucial for optimum health. It helps to relax the blood vessels and improve blood circulation, increasing nutrient and oxygen delivery to every system, organ, and tissue in the body. In the field of medical research, N-O is being researched for its many benefits, including those that may help the body to:

- Support healthy blood pressure levels.
- Support cardiovascular and heart health.
- Promote increased circulation throughout the body.
- Support normal, healthy circulation.
- Support healthy arterial function.
- Promote artery dilation for healthy blood flow.

NITRIC OXIDE SUPPORTS HEALTHY ENDOTHELIAL FUNCTION

Nitric oxide and endothelial health are closely intertwined.

- N-O helps keep the endothelium healthy; a healthy endothelium helps produce nitric oxide.
- Maintaining the proper functioning of this cycle is important for those who want to enjoy vibrant health at every age.

ADDRESSING THE PROBLEM

Most N-O products available to healthcare practitioners today do not and cannot work effectively.

- Due to inherent inefficiencies in human metabolism, limited product efficacy.
- Many N-O-based products contain L-arginine or L-citrulline as their active ingredient.
- Supplementing more L-arginine to a patient with dysfunctional NOS enzymes will likely not provide much benefit since the enzyme that converts L-arginine to N-O is the underlying problem.

Nitric Oxide Restoration

A breakthrough product called Neo40® Daily was developed by researchers at the University of Texas, School of Medicine in Houston. In the course of 15 years they developed the first natural, plant-based technology to effectively deliver N-O directly to the body.

By bypassing the body’s broken N-O pathways, Neo40® Daily has been shown to help the body increase its own N-O levels.

Currently, Neo40® Daily is the safest and most effective N-O formula in the world and is backed by 6 published, peer-reviewed clinical trials and multiple patents.
Many N-O-based products contain L-arginine or L-citrulline as their active ingredient, which sometimes limit product efficacy. 

Most N-O products available to healthcare practitioners today do not and cannot work effectively. That's because inherent inefficiencies in human metabolism and diet may lead to a decline in N-O levels.

Nitric oxide (N-O) is crucial for optimum health. It helps to relax the blood vessels and improve blood circulation, thus supporting healthy arterial function and cardiovascular health.

As the body ages, nitric oxide production declines. Studies show that by age 40 the body makes about half or less Nitric Oxide than at age 20. By the age of 40, most men produce only about 50% of the N-O in the body as they did in their teens and twenties.

Women fare worse. By age 50, their available N-O levels are typically only about 35% of women in their twenties. It takes a conscious and concerted effort to keep N-O levels up.

Diet and lifestyle modifications are the only treatment options for prehypertension. However, a recent study, featured in the peer-reviewed Journal of Cardiovascular Pharmacology & Therapeutics, strongly suggests that effective N-O supplementation may lower blood pressure in patients with levels above normal but still considered below prehypertensive. It was also stated that N-O might be beneficial as a routine supplementation for cardiovascular health.

WHY DO N-O LEVELS FALL?

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Exercise and foods that are a source of dietary nitrates are more important than ever, but they still may not be enough. N-O supplementation can be a wise choice to help you support cardiovascular health and enjoy more all-around energy.

**NEO40® CLINICAL TRIAL**

World-renowned Cardiologist Dr. Ernst Schwarz recently led a research study on Neo40® to determine the effects of oral nitric oxide (N-O) supplementation on blood pressure levels and quality of life. The subjects of the study had blood pressure levels that were elevated but within the acceptable range of normal.

**THE STUDY**

*Using the Gold Standard in Clinical Research: Randomized, Double-blinded, and Placebo-controlled methodology*

**29** adults were split into two groups:
- 29 adults were not taking any medication for blood pressure
- 29 adults did not have hypertension

**17** adults took a Neo40® tablet twice daily:
- Initial Test: 6 point drop
- Final Test: 12 point drop

**12** adults took a placebo tablet twice daily:
- Initial Test: No Change
- Final Test: No Change

**30 DAYS PASS**

Before and after the 30 day trial period, subjects were tested for blood pressure levels and functional capacity using a 6 minute walk test.

**THE RESULTS**

**Blood Pressure**

**Neo40 Group**
- Positive results:
  - Initial Test
  - Final Test: 12 point drop

**Placebo Group**
- Unchanged results:
  - Initial Test
  - Final Test: No Change

**WHY NEO40® DAILY?**

N-O activity is what directs the repair of the endothelium and recoupling of the NOS enzymes necessary for restoring N-O production. Thus, restoration requires a source of N-O. That’s where Neo40® Daily comes in. It is the only clinically demonstrated solution that may restore nitric oxide levels through breakthrough technology that actually delivers immediate N-O. With continued use over time, Neo40® Daily can help restore endothelial function so that the body can make its own N-O once again.

**Check out the clinical research at Neogenismedical.com under Research & Education.**

Clinical trial conducted by Dr. Ernst Schwartz MD, PhD, FESC, FACC, FSCAI, Medical Director of the Cardiac Support Program and Co-Director of Cardiac Transplantation at Cedars-Sinai.

**NEO40® STUDIED FOR IMPACT ON BLOOD PRESSURE & QUALITY OF LIFE**

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