

# Neo40 Pro

Nitric oxide restoration system



## DESCRIPTION

Neo40 Pro lozenges are a clinically proven means to generate nitric oxide in the mouth. The biphasic mechanism of action provides an immediate, rescue source of nitric oxide (NO) as well as a reserve pool of nitrate and nitrite, which the body can convert to NO in the endothelium as needed.

## FUNCTIONS

Nitric oxide (NO), is a gas produced naturally in the body and serves as one of the most important signaling molecules and cardiovascular regulators in man. NO produced or generated in the vasculature diffuses into the underlying smooth muscle causing these muscles to relax. This relaxation results in vasodilation and an increase in blood flow and oxygen delivery. The discovery of this NO pathway represented a critical advance in the understanding of cell signaling and resulted in major advancements in many clinical areas, especially cardiovascular medicine. This discovery was viewed as deserving of the Nobel Prize in Medicine in 1998.

The primary pathway for the production of NO involves the oxidation of L-arginine to nitrite. Under healthy normal conditions, supported with a healthy diet providing nitrate and arginine based foods, NO production typically proceeds quite efficiently. However, if there is a problem or deficiency in L-arginine uptake, or there is a limitation to the cofactors involved in this process, NO production shuts down, resulting in an impairment in all NO regulated pathways.

Recently a secondary pathway was discovered which utilizes nitrite and nitrate, rather than L-arginine, as the precursor to produce the same biologically active NO. Specifically, research performed over the past decade made clear that nitrate and nitrite are physiologically recycled in blood and tissues to form NO and other bioactive nitrogen oxides. As a result, nitrate and nitrite are now viewed as storage pools to be acted upon when enzymatic NO production is insufficient.

The clinical indication here is that by utilizing a product such as Neo40 Pro, which utilizes this secondary NO pathway, many NO regulated problems can be improved thru enhanced vasodilation and improved oxygen flow. Such disease states that would benefit by this improvement in vasodilation would be:

- \*Elevated blood pressure
- \*Sexual dysfunction (ED)
- \*Poor circulation
- \*Chronic fatigue
- \*Elevated triglycerides
- \*Cognitive issues
- \*Inflammation
- \*Gastrointestinal problems
- \*Wound healing

Neo40 Pro is formulated at a clinical strength and was designed for patients with greater health challenges and more advanced conditions. Neo40 Pro further supports endothelial restoration with the addition of the naturally occurring, biologically active form of folate (5-MTHF).

## INDICATIONS

Neo40 Pro is a useful nutritional option for individuals wishing to enhance NO production and resultant vasodilation and oxygen transfer.

## FORMULA (WW #10336)

### 1 Lozenge Contains:

- Vitamin C..... 100 mg  
(as magnesium ascorbate and ascorbic acid)
- Vitamin B12.....1000 mcg  
(as methylcobalamin)
- Folate.....400 mcg  
(as (6S)-5-Methylethetrahydrofolic acid, glucosamine salt)
- Proprietary Nitric Oxide Blend..... 425 mg  
Beet Root Powder, Hawthorn Berry Extract,  
L-Citrulline, Sodium Nitrite

Other ingredients: Mannitol, modified cellulose, xylitol, natural flavors, magnesium vegetable stearate, stevia, and silica.

## SUGGESTED USE

Adults take 1 lozenge 1 or 2 times daily, 12 hours apart, or as directed by a healthcare professional. Place one lozenge in the mouth, dissolve or chew, and swallow. Do not place under tongue or swallow whole. Hydrate before and after taking to avoid mouth sensitivity. For best results, take on an empty stomach, approximately one hour before or two hours after eating. Do not exceed two lozenges in a 24 hour period.

## SIDE EFFECTS

Warning: Consult your health care professional before use if taking organic nitrate medications, such as nitroglycerin or isosorbide dinitrate, or erectile dysfunction drugs since the combination may cause a drop in blood pressure, or blood thinner medications. Discontinue use if dizziness or fainting is experienced.

## STORAGE

Store in a cool, dry place, away from direct sunlight. Keep out of reach of children.

Manufactured For:

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