

Cardiovascular Health

Powering Your Body,
Protecting Your Heart





Why Cardiovascular Health Matters

Your heart and blood vessels power the entire body, delivering oxygen and nutrients to every organ while removing waste. Poor heart health leads to serious conditions like heart attacks, strokes, and high blood pressure — the leading global causes of death.

Fuel Delivery

Pumps oxygen-rich blood to your brain, muscles, and tissues.

Waste Removal

Clears carbon dioxide and cellular waste from your system.

Organ Protection

Lowers strain on your brain, kidneys, and blood vessels.

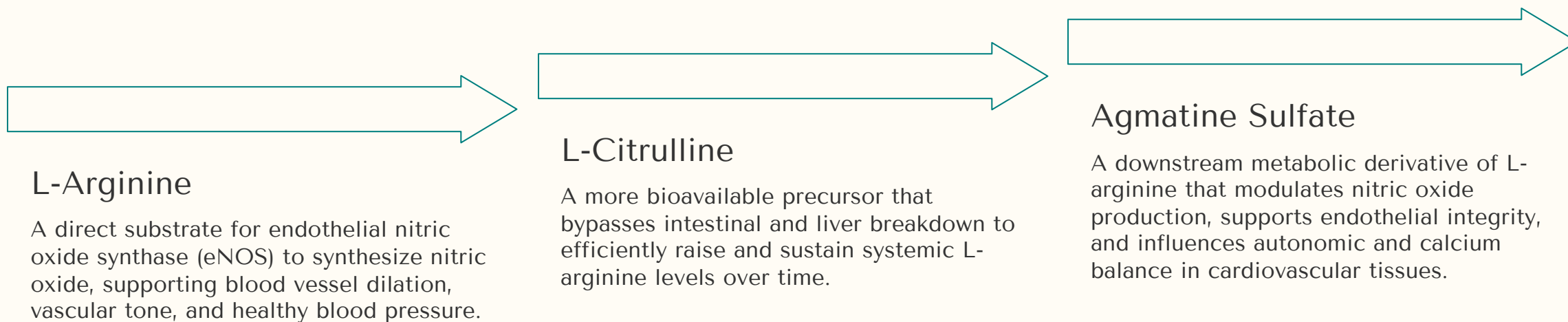
Risks of Neglect

Plaque buildup, high blood pressure, heart failure, and strokes.



☆ NITRIC OXIDE SUPPORT

L-Arginine, L-Citrulline & Agmatine Sulfate



Together, these three compounds drive vasodilation, blood pressure support, endothelial function, and oxidative stress reduction across the cardiovascular system.



D-Ribose, L-Theanine, Glutathione & L-Serine

D-Ribose

Acts as the fundamental backbone for building ATP — the primary energy currency of the heart muscle. Accelerates energy recovery after low-oxygen events like ischemia and supports diastolic relaxation.

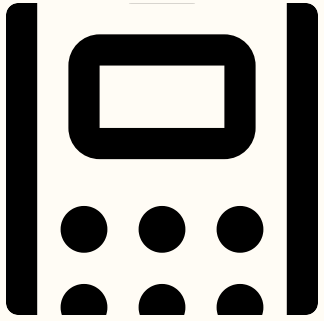
L-Theanine

Calms the sympathetic nervous system to blunt acute stress-induced spikes in heart rate and blood pressure. Preclinical data suggests cardioprotection from reperfusion and oxidative damage.

Glutathione

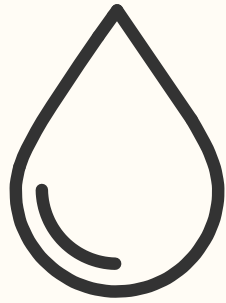
The master endogenous antioxidant that scavenges reactive oxygen species in blood vessels and cardiac muscle, preserves nitric oxide availability, and reduces LDL oxidation to help prevent plaque buildup.

Spermidine, Nattokinase, NAD+ & NMN



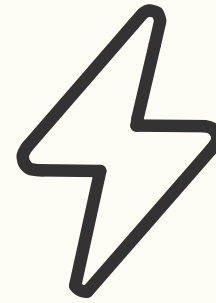
Spermidine

Triggers autophagy to clear damaged cell parts and toxic proteins inside heart cells. Helps old blood vessel cells form new branches and lowers harmful oxidative stress in cardiovascular tissues.



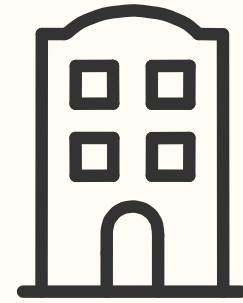
Nattokinase

Directly breaks down fibrin — the main protein web in blood clots — and helps stop red blood cells from clumping together. Supports smooth circulation and may help keep blood pressure in a healthy range.



NAD+

Fuels mitochondria to create energy (ATP) for heart contractions, activates sirtuin longevity proteins that repair DNA and control vascular inflammation, and protects heart tissue from low-oxygen injury.



NMN

Quickly converts into NAD+ inside the body to restore declining levels. Helps blood vessels stay flexible through nitric oxide pathways and defends the heart against age-related stress and plaque buildup.

Noni Fruit, Arjuna Bark & Panax Ginseng

These three botanicals support cardiovascular health through distinct chemical compounds that target blood pressure, cholesterol management, blood vessel function, and heart muscle strength.

1

Noni Fruit

Iridoids and tannins activate eNOS to produce nitric oxide for vasodilation. Clinical data shows significant reduction in total cholesterol, triglycerides, LDL, homocysteine, and hs-CRP inflammatory markers.

2

Arjuna Bark

Triterpenoids and glycosides improve left ventricle ejection fraction (LVEF). Arjunolic acid boosts superoxide dismutase to prevent myocardial injury and reduce angina frequency while increasing exercise tolerance.

3

Panax Ginseng

Ginsenosides (Rb1, Rg1, Rg3) trigger AMPK and PPAR pathways to optimize heart energy metabolism, decrease platelet adhesion to prevent dangerous clots, and restrain ROS to protect endothelial integrity.

Botanical	Key Active Compound	Primary Target	Main Action
Noni Fruit	Iridoids & Tannins	Blood vessels & Lipids	Lowers cholesterol; drives vasodilation via nitric oxide.
Arjuna Bark	Triterpenoids & Arjunolic acid	Myocardium (Heart muscle)	Increases pumping power (LVEF); reduces chest pain.
Panax Ginseng	Ginsenosides (Rb1, Rg1)	Metabolic pathways & Platelets	Prevents blood clots; manages cardiac cellular energy.

Codonopsis, Astaxanthin & Pterostilbene

These three compounds reduce oxidative stress, lower systemic inflammation, and improve blood vessel function — each targeting distinct cellular pathways to optimize heart performance and maintain healthy circulation.

Codonopsis (Dang Shen)

Active polysaccharides and saponins strengthen heart muscle contractions and enhance circulation. It suppresses apoptotic pathways in cardiac tissue and downregulates the MAPK/NF-κB pathway to protect blood vessels from chronic inflammation.

Astaxanthin

A lipophilic red carotenoid that integrates into cell membranes. It blocks LDL oxidation to prevent plaque buildup, reduces arterial stiffness via endothelial function improvement, and raises HDL and adiponectin levels via Nrf2 and NOX4 pathways.

Pterostilbene

A bioavailable structural cousin of resveratrol. It activates eNOS to boost nitric oxide for vasodilation, safeguards mitochondria in heart cells via AMPK and SIRT1, and blocks myocardial ferroptosis to prevent toxic scarring and long-term heart failure.

Together, these three compounds address LDL oxidation, endothelial flexibility, mitochondrial energy, and inflammatory signaling — forming a powerful antioxidant and vascular defense layer for your heart.

OUR FORMULATION

A Complete System for *Heart Health*

Our formulation brings together targeted amino acids, cellular energy substrates, antioxidants, botanical cardiotonics, and longevity-activating compounds — all working in concert to support nitric oxide production, vascular flexibility, cardiac energy, and long-term cardiovascular resilience.

From L-arginine and NMN to Arjuna bark and Pterostilbene, every ingredient has been selected for its clinically and mechanistically documented contribution to heart and blood vessel health.

Key Pillars: Nitric Oxide Support · Cellular Energy · Antioxidant Defense · Botanical Cardioprotection

