

Endothelial Defense™ with GliSODin® and CocoaGold™

60 vegetarian capsules

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 **Featured Video**

The endothelium is the inner lining of blood vessels that regulates arterial health. The reason for many circulatory problems is the breakdown of endothelial function and structure. Fortunately, scientists have discovered three nutrients that have been clinically shown to help maintain healthy endothelial function and arterial circulation.

POMEGRANATE PROMOTES CARDIOVASCULAR HEALTH

In a group of aging humans with risk factors for cardiovascular events, pomegranate or a placebo was ingested daily. After twelve months carotid artery conditions (measured as carotid intima-media thickness) were improved 30% in the pomegranate group while carotid artery conditions worsened by 9% in the placebo group.³⁴ Additionally in those who consumed pomegranate, total antioxidant status was increased by 130%, while blood serum levels of LDL basal oxidative state and LDL susceptibility to oxidation were both significantly reduced, by 90% and 59%, respectively.

In a similar study, pomegranate or a placebo was ingested daily. After only three months, coronary artery blood flow improved by 18% in the pomegranate group, but worsened by 17% in the placebo group.³⁵ A standardized pomegranate extract is one of the three active components of the Endothelial Defense™ formula.

COCOA PROMOTES HEALTHY ENDOTHELIAL FUNCTION

Cocoa flavanols improve endothelial function by enhancing nitric oxide bioactivity,³⁶ increasing blood flow,³⁶ reducing the tendency of blood to clot,³⁷ promoting already normal blood pressure levels,³⁸ and helping LDL resist oxidation, which may contribute to the buildup of atherosclerotic plaque in artery walls.³⁹ In a controlled human study, six weeks of cocoa consumption increased brachial artery hyperemic blood flow by up to 76% compared with baseline values.⁴⁰ In a recent randomized controlled trial, healthy individuals with above-optimal blood pressure took small amounts of dark chocolate containing 30 mg of polyphenols as part of a usual diet. The cocoa polyphenols in the chocolate efficiently improved their blood pressure readings as well as plasma markers of vasodilative nitric oxide.⁴¹ The age-related depletion of nitric oxide is considered a major impediment to healthy arterial blood flow. A standardized cocoa polyphenol extract is the second active component of the Endothelial Defense™ formula.

SOD PROTECTS AGAINST NITRIC OXIDE DEGRADATION

Aging reduces the body's production of a critical antioxidant called superoxide dismutase (SOD), which provides the body's first enzymatic step in the defense system against oxidative stress. Diminished SOD levels are closely linked with increased vascular oxidative stress, which contributes to endothelial dysfunction.⁴² An orally active superoxide dismutase (SOD) called GliSODin® has been clinically proven to support healthy arterial function and structure, while boosting levels of the body's most powerful antioxidant enzymes (SOD and catalase) and protecting against oxidative stress-induced cell death.⁴³⁻⁴⁶

Studies show that damaging carotid artery thickness increases by 0.04 mm every ten years. However, a recent study with GliSODin® suggests that 2.8 years of supplementation may turn back the clock on 10 years of age-related damage due to carotid artery wall thickening.⁴⁷

The third ingredient in the Endothelial Defense™ formula is the patented GliSODin® in a dose identical to that which was used in this successful human study.

In response to all these research findings, Endothelial Defense™ provides the three best documented nutrients to help you maintain healthy arterial blood flow and healthy normal blood pressure.

References

Supplement Facts

Serving Size 2 vegetarian capsules

Servings Per Container 30

Amount Per Serving

Superoxide Dismutase/Gliadin Complex (GliSODin®) [SOD (Superoxide Dismutase) Enzyme Activity = 500 IU]	500 mg
Pomegranate Extract (<i>Punica granatum</i>) (fruit) [std. to 30% Punicalagins (120 mg)]	400 mg
Pomegranate Extract (<i>Punica granatum</i>) 5:1 (fruit)	100 mg
CocoaGold™ Cocoa Extract (<i>Theobroma cacao</i> L.) (bean) [std. to 45% polyphenols (50 mg)]	112 mg

Other ingredients: maltodextrin, rice flour, vegetable cellulose, vegetable stearate.

Contains tree nuts (cocoa beans) and wheat. Contains gluten, corn, and rice.

This product contains NO milk, egg, fish, peanuts, crustacean shellfish (lobster, crab, shrimp), soybeans, or yeast. Contains NO sugar, and no artificial sweeteners, flavors, colors, or preservatives.

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Dosage and Use

- Take two capsules daily before breakfast, or as recommended by a healthcare practitioner.

Caution

Do not take if you are allergic to wheat or gluten. Consult with your physician before using this product if you are taking anti-seizure, anti-depressant or psychiatric medications, or certain types of blood pressure (e.g. calcium channel blockers) medications.

Note

If you have been prescribed a statin drug to control blood lipid levels, you should discuss what statin dose is right for you with your doctor.

Warnings

- Keep out of reach of children.
- Do not exceed recommended dose.
- Do not purchase if outer seal is broken or damaged.
- If you have a bad reaction to product discontinue use immediately.
- When using nutritional supplements, please consult with your physician if you are undergoing treatment for a medical condition or if you are pregnant or lactating.

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