stronger, more flexible vessels

≈ veins ≈ arteries
≈ lymph vessels
≈ capillaries

Stronger, Flexible Vessels
Keep Blood Flowing

When veins become weak, brittle and thin, gravity pulls blood backwards and causes veins to enlarge, bulge and twist. The backflow of blood becomes acidic from accumulation of metabolic waste and causes an intense inflammatory reaction which results in varicose veins, pain, fatigue, itching, burning, swelling, cramping, restlessness and throbbing, and leads to even more serious problems, including chronic venous insufficiency (CVI).

Flavay® binds to collagen fibers and realigns them to a more youthful form.

Flavay® improves strength and tone of veins and arteries by strengthening the essential constituents in vascular walls (collagen and elastin).

Research found Flavay® reduced damage to connective tissue in capillaries up to 70%.

Flavay® improves vessel strength and elasticity by strengthening collagen and elastin in vascular walls. Flavay® reactivates collagen production and enhances vitamin C in synthesis of collagen. As a strong antioxidant, Flavay® protects collagen, elastin and hyaluronic acid from over-crosslinking and destructive inflammatory enzymes.

Your blood flows better and joints hurt less with Flavay®.

Flavay® Improves Blood Flow in Clinical Trials

Licensed and sold for vascular (vessel) health in France for more than 65 years, Flavay® is clinically proven to improve circulation, lessen impaired venous backflow, seal leaky capillaries and prevent outflow of blood or liquid.

A review of French double-blind clinical trials concluded that in subjects with chronic venous insufficiency, Flavay® significantly improved venous function in terms of swelling, pain, paresthesias (burning, numbness, tingling, prickling) and nocturnal leg cramps.

Flavay® is clinically proven and patented to significantly strengthen antioxidant defense systems, improve intracellular serum total antioxidant activity, reduce inflammatory markers and improve vascular health.

Statements made herein have not been evaluated by the Food & Drug Administration. This product is not a drug and not intended to diagnose, treat, cure or prevent any disease.
Nitric Oxide is an Essential Signaling Molecule

Nitric oxide acts as a signaling molecule and loss of nitric oxide function is one of the earliest indicators of disease. (446,448) While nitric oxide is essential for life, excessive amounts of nitric oxide can be deadly and actually contribute to heart disease and strokes, arthritis, Alzheimer’s disease, (48,230,262,282)

Oxidant stressors and ultimately reactive oxygen species) which further result in superoxide (and other Oxidative stress alters endothelial function in vessels and damages nitric oxide synthesis

Nitric Oxide is an Essential Signaling Molecule

Nitric Oxide is produced in excess, it causes some of the body’s worst oxidative damage. As long as nitric oxide is produced in the right amount, it’s very beneficial. But when nitric oxide is produced in excess, it causes some of the body’s worst oxidative damage. (448)

Endothelial Dysfunction in Cardiovascular Diseases: The Role of Oxidant Stress in Vessels

Oxidant stress alters endothelial function in vessels and damages nitric oxide synthesis resulting in superoxide (and other reactive oxygen species) which further damages endothelial cells with more oxidant stressors and ultimately apoptosis (cell death) in vessels. (446,448)

Flavay® Improves Endothelial Dysfunction

Flavay® is shown to balance nitric oxide activity, both to stimulate normal synthesis and inhibit over-production of nitric oxide. Studies show Flavay® protects against toxic overproduction of nitric oxide by blocking nitric oxide synthase (NOS). (10,38,54,103,202,286,287)

C-Reactive Protein (CRP)

Flavay® is shown to decrease levels of pro-inflammatory molecules C-reactive protein (CRP), interleukin-6 and tumor necrosis factoralpha (TNF-alpha). (448)

Myeloperoxidase (MPO)

Flavay® is shown to significantly suppress myeloperoxidase (MPO) activities (marker of inflammation) in a dose-dependent manner, in vivo. (452)

Adhesion Molecules/Inflammation

Flavay® is shown to significantly suppress myeloperoxidase (MPO) activities (marker of inflammation) in a dose-dependent manner, in vivo. (448)

Clinical and in vivo studies show that Flavay® decreases cardiac levels of reactive oxygen species (ROS) and malondialdehyde (MDA), a metabolite which forms when ROS and oxidized low density lipoproteins (LDL) attack fatty acids in cell membranes. (448)

Clinical studies shows taking Flavay® increases antioxidant capacity of plasma, decreases oxidation of low density lipoproteins (LDL) and favorably effects lipid profile. (144,145,273,283,284,448)

Flavay® Normalizes Reactivity (Stickiness) of Blood Platelets

Flavay® reduces platelet aggregation (“sticky blood”) as it aids in production of endothelial nitric oxide which helps to dilate blood vessels and causes blood platelets to relax and return to their normal smooth condition. (10,38-54,103,202,286,287)

Flavay® Favorably Increases Erythrocyte Deformability

Flavay® improves the membrane protein structure of red blood cells (which need to change shape extensively without rupturing for micro-circulation). Clinical trials with diabetic patients show Flavay® increases erythrocyte (red blood cell) deformability (flexibility) without increasing viscosity (resistance). (76,182,183)

reduce inflammation & strengthen antioxidant defenses

Flavay® Strengthens Antioxidant Defenses & Improves Vascular Health

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