

# improve circulation



**Flavay® improves circulation by strengthening and toning vessels which prevents and relieves vascular fragility and reduces the risk of rupture or hemorrhage.**

Licensed and sold for vascular health in France for more than 70 years, the vascular protective activity of Flavay® has been established by many significant studies.

Flavay® increases capillary resistance, decreases capillary permeability, and increases rate of lymph flow.

Flavay® improves strength and tone of veins, arteries, capillaries (the smallest vessels) and lymphoid tissues by strengthening the essential constituents in vascular walls (collagen and elastin).

Flavay® reduces damaging effects of elastase, collagenase and hyaluronidase by altering membrane receptor conformation of vascular walls and preventing destructive enzymes from attaching to and degrading vascular walls.

Flavay® improves red blood cell membranes so they remain flexible. Studies show Flavay® favorably increases erythrocyte deformability in diabetics—without increasing viscosity (resistance).

Flavay® aids in production of endothelial nitric oxide which helps dilate vessels and normalizes blood platelets.



**In a French trial of subjects with serious venous problems, 75 out of 78 (96%) experienced improvement in circulation.**

# strengthen collagen

Since 1950, Flavay® has been approved and sold in France for improved circulation and reduced swelling by strengthening collagen and elastin.

Flavay® activates synthesis of strong and flexible collagen, improves the ability of collagen to repair itself, and protects collagen and hyaluronic acid from the destructive enzymes elastase, collagenase and hyaluronidase.

Flavay® also inhibits cleavage of enzymes secreted during inflammation and infection, and thereby prevents release and synthesis of compounds that promote inflammation (histamine, serine proteases, prostaglandins and leukotrienes).

Free-radicals and aging cause over-crosslinking, making collagen inflexible and non-functional—resulting in stiff connective tissue, brittle and leaky vessels, and weak and saggy skin.

Flavay® strengthens collagen proteins as it supports adequate crosslinking and effectively fights the adverse biological conditions which result in over-crosslinking.

Studies show that pure vitamin C is less effective in synthesis of collagen when the phytonutrients in Flavay® are missing.

**Flavay® is clinically proven to strengthen collagen, improve circulation and microcirculation, improve capillary resistance, decrease capillary permeability, and reduce leakage in legs, eyes and skin.**

**This means reduced swelling, healthier skin and better visual and cognitive responses.**



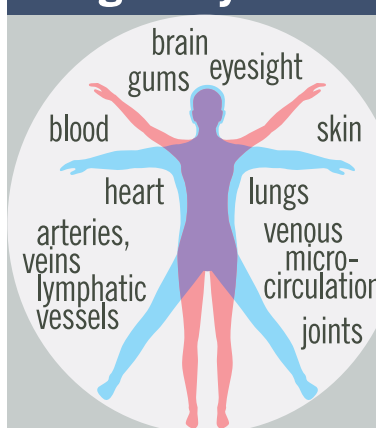
**210-481-0067**  
**1-800-200-1203**  
**www.flavay.com**

## BEFORE AFTER



too much crosslinking = leaky vessels & saggy skin

## collagen in your body



**Flavay® activates synthesis of strong and flexible collagen and protects against over-crosslinking which causes leaky vessels and saggy skin.**

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.

© Copyright 2023 Healthy Source, LLC

# for a healthy mind & body™



**collagen renewal**  
grow + reactivate + protect



**anti-inflammatory**  
inhibits inflammatory enzymes + vascular strength



**nitric oxide**  
endothelial (vessels) + neurons (brain) + immune cells



**antioxidant**  
lipid (fat) + aqueous (water) free-radical scavenger



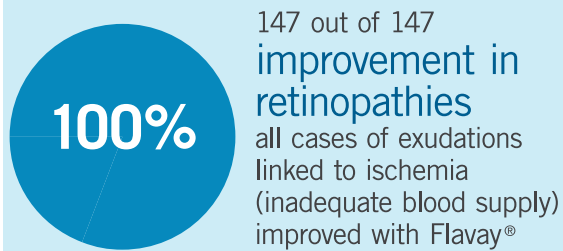
U.S. and International Patents · Clinically Proven Since 1947

# healthy eyes & vision

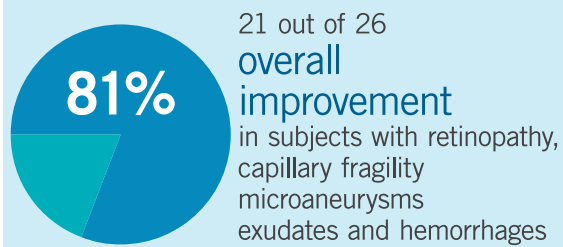
## retinas & eye capillaries

Flavay® is clinically proven to reduce pressure in ophthalmic membranes by preventing abnormal leakage of fluids into the orbital cavity and tissues and thereby slow down progression of retinopathies.

In various clinical trials, Flavay® showed significant improvement with various types of retinal degenerations, including macular degeneration, diabetic retinopathy, retinitis pigmentosa, and hemorrhagic and hypertensive retinopathy.



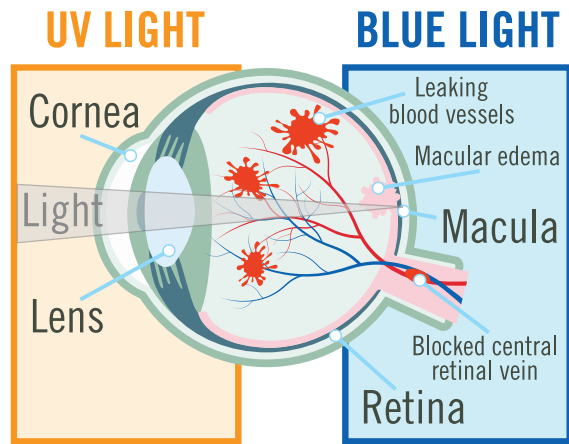
A review of 26 case studies reveals Flavay® significantly improved vascular lesions, microaneurysms and exudates associated with diabetic retinopathy.



ocular fundus improved in 15 subjects capillary fragility improved in 11 subjects

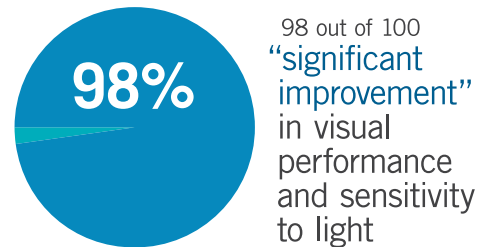
The hallmark of optic neurodegenerative diseases (including retinopathy and glaucoma) is retinal ganglion cell-death. Studies show Flavay® protects oxidative stress-injured retinal ganglion cells by inhibiting apoptosis (cell-death).

Microbleedings in retinal tissue are reduced and visual acuity can improve when taking Flavay®.



While UV light induces oxidative stress to the front of the eye, “blue” light reaches deeper into the eye where its cumulative oxidative stress can damage the retina. A recent *Harvard Health Letter* warns that chronic exposure to “blue” (LED, high-energy and digital screen) light may lead to macular degeneration, glaucoma, and retinal degenerative diseases.

## protect your eyes from digital ‘blue’ light



Clinical trials found taking Flavay® significantly improved retinal sensitivity and recovery after glare in persons with healthy eyes working at computers.

# reduce inflammation and allergies

Flavay® is shown to reduce inflammation by: ① strengthening vessels and reducing leakage, and ② preventing release and synthesis of compounds that promote inflammation, such as histamine, serine proteases, prostaglandins and leukotrienes.

Studies show Flavay® protects hyaluronidase from activation, thereby protecting histamine from activation. (Hyaluronidase activation not only causes inflammation, it also breaks down hyaluronic acid and collagen.) Flavay® lowers the inflammatory and allergic activity of histamine with as much as 86% inhibition of histidine decarboxylase. Researchers noted Flavay® has both anti-inflammatory and anti-allergy activity.

In clinical trials, Flavay® significantly reduced swelling and recovery-time after injuries and surgeries.

Two studies of soccer players in France and Australia found players who took Flavay® for ten days following their injuries experienced significantly less swelling than those who did not, and swelling completely disappeared in some who were taking Flavay®.

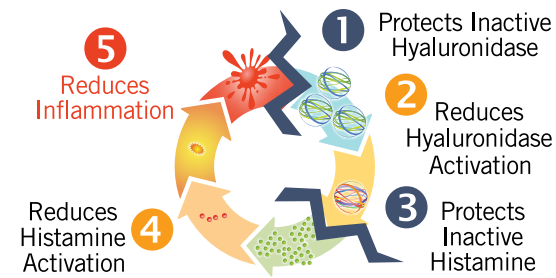
In a double-blind, controlled trial of 32 women recovering from facial cosmetic surgery, those taking Flavay® for ten days had significantly less swelling than the placebo group.



A study of women recovering from breast surgery found Flavay® improved pain, skin tension and flexibility in movement.

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.

## anti-inflammatory activity of Flavay® by interference in histamine action



Flavay® controls release and synthesis of destructive enzymes that cause inflammation and allergic reactions (simultaneously protecting hyaluronic acid, collagen and elastin).

A six-month double-blind, randomized, placebo-controlled study of 63 women recovering from breast surgery found greater improvement in those taking Flavay® (600 mg daily) in reduced pain, skin tension and flexibility in arm and shoulder movement.

## cognitive benefits

Flavay's® protection of brain cells is significant as published studies have established a direct connection between free-radical damage and cognitive impairment. Also, decreased blood flow to the brain plays a major role in brain disorders. Neurons become more active when blood flow increases.

A psychologist conducted a study of 30 children and adults diagnosed with ADD. The subjects were given a battery of computerized and behavior tests to judge attention, concentration, and other important ADD factors. Off medications, ADD symptoms deteriorated. On medications, they were much improved. With Flavay®, scores and behavior were just as improved as when they took stimulant drugs. Many of the subjects also had other positive effects.

# patented power

The antioxidant and free-radical scavenging effects of Flavay® have been demonstrated in many experimental systems—roughly twice as potent as vitamin E and four times as potent as vitamin C.

Flavay® regenerates (actually recycles) vitamin C after it quenches a free-radical, vastly extending vitamin C's unique powers. Studies show taking Flavay® increases intracellular levels of vitamins C and E. Studies showing that Flavay® increases light-dark visual acuity are attributable to an increase in rhodopsin regeneration (activity of vitamin A).

Flavay® crosses the blood-brain barrier and protects brain cells. Studies comparing Flavay® with vitamins C and E and beta-carotene found Flavay® produced superior antioxidant activity and DNA protection in brain tissue.

Flavay® has an affinity for vascular tissue and strongly inhibits enzymes involved in degradation of collagen, elastin and hyaluronic acid, the main components of the extravascular matrix. These effects are attributable to trapping reactive oxygen species and preventing oxidative injury to vascular endothelium.

Flavay® aids in production of endothelial nitric oxide which controls dilation in blood vessels and causes blood platelets to return to normal, smooth condition.

Flavay's® nitric oxide activity is important to brain function both as a neurotransmitter and as an immuno-transmitter—all higher brain functions require a well-balanced release of nitric oxide.

“[A] method for preventing and fighting the harmful biological effects of free-radicals... namely... inflammation... [and] collagen degradation”

—U.S. Patent No. 4,698,360

Rigorous testing to meet the standards required by the health ministries of France and other European countries demonstrates that Flavay® is fully bioavailable, nontoxic, nonallergenic, noncarcinogenic, nonmutagenic and completely safe.