# V:V 7 Supplement

#### DESCRIPTION

V:V 7 Supplement, provided by Douglas Laboratories, contains a synergistic blend of herbs and other nutrients designed to support optimal circulatory health.

### **FUNCTIONS**

Bioflavonoids (also called flavonoids) are a class of phytochemicals that are potent antioxidants, which scavenge many potentially damaging free radicals. Free radicals are unstable chemicals formed in the body during metabolism and from exposure to environmental sources, such as pollution and cigarette smoke. Free radicals are necessary for energy metabolism and immune function, but when an excessive number of free radicals are formed, they can attack healthy cells, especially their membrane lipids and proteins. This, in turn, is thought to contribute to a number of degenerative diseases.

Many bioflavonoids, especially rutin and quercetin, support the health of the body's circulatory system by helping maintain capillary blood flow and proper vascular permeability, integrity, and resiliency. Physicians as far back as ancient Greece have recognized the beneficial properties of butcher's broom. Scientists have since identified several active components of butcher's broom, including triterpenes, steroid saponins, and sapogenins. Ruscogenin and neuroscogenin are two specific steroidal components responsible for butcher's broom ability to constrict blood vessels. In addition to enhancing venous tone, butcher's broom helps to support healthy capillaries.

Bilberries (Vaccinium myrtillus), a northern European cousin of the North American blueberries, are a rich source of anthocyanosides. Aside from being potent antioxidants, bilberry anthocyanosides were found to be important for eye health, capillary stability and blood flow, healthy veins, and normal wound healing. Ginkgo biloba is the oldest living species of tree, having survived relatively unchanged for at least 200 million years. Native to China, ginkgo has long been recommended in Chinese herbal medicine for its numerous nutritional benefits for the brain and circulatory system. Ginkgo leaf extract has been the object of numerous scientific and clinical studies since the early 1970s and is now probably the most extensively studied and utilized botanical extract in the world. Proanthocyanidins are highly regarded for their strong antioxidant properties, and for their functions in supporting the body's connective tissues and capillary blood vessel system.

#### **INDICATIONS**

V:V 7 Supplement may be a useful dietary adjunct for individuals wishing to support healthy circulatory structure and function.

# FORMULA (#83030)

1 Capsule Contains:

Butcher's broom(standardized)	150mg
Bilberry(standardized)	40mg
Ginkgo biloba(standardized)	20mg
Bioflavonoids	
Hesperidin	40mg
Grape seed extract (Proanthocyanidins)	25mg
Rutin	10mg

#### SUGGESTED USE

Adults take 1 capsule twice daily or as directed by a healthcare professional.

# V:V 7 Supplement SIDE EFFECTS

No adverse side effects have been reported.

#### **STORAGE**

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

#### REFERENCES

Fitzpatrick DF et al. Endothelium-dependent vasorelaxing activity of wine and other grape products. Am J Physiol 1993;265:H774-H778.

Fraisse D, Carnat A, Lamaison JL. Polyphenolic composition of the leaf of bilberry. Ann Pharm Fr. 1996;54(6):280-3.

Koltringer P, Eber O, Klima G, Rothlauer W, Wakonig P, Langsteger W, Lind P. Microcirculation in parenteral Ginkgo biloba extract therapy. Wien Klin Wochenschr. 1989 Mar 17;101(6):198-200

Sato M, Maulik G, Ray PS, Bagchi D, Das DK. Cardioprotective effects of grape seed proanthocyanidin against ischemic reperfusion injury. J Mol Cell Cardiol 1999;31:1289-97.

Rice-Evans CA, Miller NJ, Bolwell PG, Bramley PM, Pridham JB. The relative antioxidant activities of plant-derived polyphenolic flavonoids. Free Radic Res 1995;22:375-383.

# For more information on V:V 7 Supplement visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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Your patients trust you.

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