Hawthorne Max-V Rich in flavonoids

DESCRIPTION

Hawthorne Max-V vegetarian capsules provide a significant quantity of the flowering tops and berries of the hawthorn tree, Crataegus oxyacantha, standardized to 2% vitexin-2" rhamnoside. Rich in bioflavonoids, extract of hawthorn has been known for centuries as a potent cardiovascular tonic, improving the function of the heart and circulatory system.

FUNCTIONS

Hawthorn's berries and flowering tops have been used medicinally for close to two millennia as a treatment for digestive problems, kidney and bladder stones, and as a diuretic. Only recently has hawthorn's cardioprotective benefits been recognized. Today hawthorn is perceived, especially in Europe, as a prime supplement for healthy cardiovascular support. The cardiotherapeutic properties of hawthorn are due to its high content of many biologically active flavonoid compounds, including anthocyanidins, proanthocyanidins, quercetin, vitexin, vitexin ramnoside, as well as catechin and epicatechin. Hawthorn extract has been shown in human as well as animal studies to improve circulation by dilating coronary blood vessels. Dilation of these blood vessels consequently increases blood, and thus oxygen supply to the heart. Components of hawthorn extract normalizes heart rate, as well as providing a positive inotropic effect. These properties of hawthorn, together with its vasodilatory and diuretic effects, are the basis for its use in cardiovascular support.

INDICATIONS

Hawthorne Vcaps[™] vegetarian capsules may be a useful nutritional adjunct for those who wish to support their heart and circulatory system.

FORMULA (#77347)

SUGGESTED USE

Adults take 1 capsule daily between meals or as directed by physician.

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.

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REFERENCES

al Makdessi S, Sweidan H, Dietz K, et al. Protective effect of Crataegus oxyacantha against reperfusion arrhythmias after global no-flow ischemia in the rat heart [published erratum appears in Basic Res Cardiol 1999 Aug;94(4):294]. Basic Res Cardiol 1999;94:71-7.

Blesken R. [Crataegus in cardiology]. Fortschr Med 1992;110:290-2.

Leuchtgens H. [Crataegus Special Extract WS 1442 in NYHA II heart failure. A placebo controlled randomized double-blind study]. Fortschr Med 1993;111:352-4.

Loew D. [Phytogenic drugs in heart diseases exemplified by Crataegus]. Wien Med Wochenschr 1999;149:226-8.

Muller A, Linke W, Klaus W. Crataegus extract blocks potassium currents in guinea pig ventricular cardiac myocytes. Planta Med 1999;65:335-9.

Nasa Y, Hashizume H, Hoque AN, et al. Protective effect of crataegus extract on the cardiac mechanical dysfunction in isolated perfused working rat heart. Arzneimittelforschung 1993;43:945-9.

Rajendran S, Deepalakshmi PD, Parasakthy K, et al. Effect of tincture of Crataegus on the LDL-receptor activity of hepatic plasma membrane of rats fed an atherogenic diet. Atherosclerosis 1996;123:235-41. Shanthi S, Parasakthy K, Deepalakshmi PD, et al. Hypolipidemic activity of tincture of Crataegus in rats. Indian J Biochem Biophys 1994;31:143-6.

Tauchert M, Gildor A, Lipinski J. [High-dose Crataegus extract WS 1442 in the treatment of NYHA stage II heart failure (published erratum appears in Herz 1999 Nov;24(7):586)]. Herz 1999;24:465-74; discussion 475. Weihmayr T, Ernst E. [Therapeutic effectiveness of Crataegus]. Fortschr Med 1996;114:27-9.

For more information on Hawthorne Max-V 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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