Horsechestnut Complex: Standardized Vein Support

Horsechestnut Complex is a unique combination of Butcher’s Broom root and rhizome, Horsechestnut seed and a special, highly concentrated flavonoid extract manufactured from Ginkgo leaf that supports normal circulation.

Clinical trials in Europe suggest that to be effective Horsechestnut seed extract and Butcher’s Broom should contain substantial levels of the important plant constituents: escin and ruscogenin respectively. Standardized Ginkgo extract, containing 24% ginkgo flavonglycosides (also written ginkgo flavone glycosides) has been extensively investigated in clinical trials.

Healthy circulation

As well as the heart, the cardiovascular system includes blood vessels:

- arteries which carry blood away from the heart
- veins that carry blood from the extremities back to the heart
- capillaries that are involved with exchange at the tissue level

Under normal conditions, this is a closed system: the blood never leaves the vessels. Capillaries are very small and in intimate contact with the surrounding tissues. The fluids that nourish the peripheral tissues, the wastes that are excreted, the oxygen, water and food that are absorbed all enter and leave at the capillaries. The cardiovascular system is closely associated with another system involved in circulation: the lymphatics. When the plasma in the blood vessels leaves the capillaries, it becomes interstitial fluid (called lymph), and is eventually drained back into the bloodstream. This movement of plasma relates to two phenomena: blood pressure, and the build up of fluid in the peripheral tissues.

How Horsechestnut Complex Keeps You Healthy

Supports healthy circulation and maintains healthy tissue fluid levels

A statistical analysis of the results of randomized, controlled clinical trials was conducted in 2006. It found that standardized Horsechestnut seed extract supported healthy circulation to the legs, and supported healthy tissue fluid levels in the legs. A placebo-controlled trial found that Butcher’s Broom extract also showed these benefits.

In two controlled trials, standardized Horsechestnut seed extract produced favorable results in quality of life scores.

Standardized Ginkgo extract also supports healthy circulation to the legs, which may be due to supporting healthy blood flow to the capillaries.

Supplement Facts

<table>
<thead>
<tr>
<th>Serving size: 1 tablet</th>
<th>Servings per container: 40</th>
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</thead>
<tbody>
<tr>
<td>Amount per container:</td>
<td></td>
</tr>
<tr>
<td>Calories</td>
<td>3</td>
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<tr>
<td>Calcium</td>
<td>20 mg</td>
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<tr>
<td>Butcher’s Broom root &amp; rhizome 4:1 extract from Ruscus aculeatus root &amp; rhizome 800 mg, containing ruscogenin 20 mg</td>
<td>200 mg †</td>
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<tr>
<td>Horsechestnut seed 6:1 extract from Aesculus hippocastanum seed 1.2 g, containing escin 36 mg</td>
<td>200 mg †</td>
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<tr>
<td>Ginkgo leaf 50:1 extract from Ginkgo biloba leaf 1.5 g, containing ginkgo flavonglycosides 7.3 mg</td>
<td>30.5 mg †</td>
</tr>
</tbody>
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† Daily Value (DV) not established.

Other ingredients: Cellulose, calcium phosphate, glucose, sodium starch glycolate, sodium carboxymethylcellulose, talc (magnesium silicate), polydextrose, fatty acids, ethyl cellulose, ammonium hydroxide, oleic acid, silica and magnesium stearate.

Caution: Not to be used during pregnancy and lactation unless otherwise directed by a qualified health care professional.

Product No  Content
M1340  40 Enteric Coated Tablets

A Phytotherapist’s Passion

“Philosopher and teacher Rudolf Steiner once said that, for every human illness, somewhere in the world there exists a plant which is the cure. I believe that there is a healing potential locked inside plants which is integral with their evolution, just as it is part of human evolution to learn to tap this wonderful gift of Nature.”

Professor Kerry Bone
MediHerb Co-founder and Director of Research and Development
Promotes vein integrity and normal blood vessel tone
Clinical studies give a clue as to the ways in which standardized Horsechestnut seed extract supports healthy circulation and healthy tissue fluid levels in the legs. These include:

- promoting the structural integrity and function of the blood vessels, by helping the healthy synthesis of proteoglycans in the blood vessel walls\(^1\,\!^3\,\!^8\)
- supporting healthy tone in the veins\(^5\,\!^9\)

Proteoglycans are important substances used in constructing the blood vessel wall\(^6\). An important characteristic of the vascular system is that all the blood vessels are flexible. This means they are able to increase or decrease in diameter as needed, to adjust to blood pressure, blood flow and the volume of blood they are required to carry. The tone of blood vessels, especially in the veins, is an important factor in determining their diameter. The tone of the veins at a given point in time needs to match the healthy requirements of the circulatory system.\(^10\)

A clinical study also found that Butcher’s Broom might be of benefit by supporting healthy tone in the veins.\(^5\,\!^11\)

Supports the vascular system in the occurrence of occasional, mild constipation
Horsechestnut and Butcher’s Broom have been used traditionally to support the vascular system in the occurrence of occasional, mild constipation.\(^12\)

What Makes Horsechestnut Complex Unique
Horsechestnut Complex is unique in the professional herbal products industry because:

- The label states exactly how much each tablet contains of the important plant constituents (escin, ruscogenin, ginkgo flavonoglycosides)
- MediHerb tests raw materials for the quantity of:
  - escin in Horsechestnut
  - ruscogenin in Butcher’s Broom
  - ginkgo flavonoglycosides in Ginkgo

Unique Manufacture & Analytical Testing
Quality and safety ensured
- Manufactured in Australia to the high standards of international pharmaceutical Good Manufacturing Practice
- Raw materials and finished product are subjected to tough quality standards

References