

Hypertril or Hypertenol™

Hypertril™ or Hypertenol™ is a revolutionary dietary supplement like no other and is specifically formulated to help people suffering from pulmonary hypertension. Manufactured using the proprietary **B.E.E.®** (Bio-Enhanced Extraction) technology, this product offers optimal benefits whereby only the beneficial constituent of the herb is isolated by weight and structure, which quickly releases the active ingredients into the bloodstream for superior, fast results.

How Hypertril™ or Hypertenol™ Works:

A number of studies have demonstrated that increased free radical activity plays an important role in all cases of high blood pressure, because increased free radicals cause cellular damage and inactivate nitric oxide. Nitric oxide, an important molecular regulator of blood pressure, helps control blood pressure by dilating blood vessels. Antioxidants, powerful free radical scavengers, may help restore activities of nitric oxide and help to control blood pressure. This is the main theoretical basis of **Hypertril™ or Hypertenol™ or Hypertenol™**. In addition to antioxidant activities, **Hypertril™ or Hypertenol™** also provides essential nutrients to support blood pressure control and improve circulation.

In Asian and European folk medicine, there were many precedents for using chamomile for people who were suffering from high blood pressure. While conducting our own research, our staff scientifically determined that hypertension is related to impaired vascular endothelial nitric oxide and that nitric oxide and increased super oxide anion production may be controlled by certain antioxidants. We then extracted active parts from chamomile that act as very powerful antioxidants. We also scientifically determined that chamomile's antioxidant properties were only part of the reason why this plant is successful in normalizing high blood pressure. Through testing, we were able to determine the other parts of the chamomile plant that helped to decrease high blood pressure, so we extracted those properties as well. We also selected certain vitamins and minerals to support chamomile's effect. Recently, through the demonstration of pharmacological tests, **Hypertril™ or Hypertenol™** has an excellent effect on hypertension.

In addition to its antioxidant function, **Hypertril™ or Hypertenol™** also helps the kidneys excrete excess sodium in a short period of time (approx. 5 min), dilates specific blood vessels in order to increase blood flow and oxygen to the brain, dilutes excess acid and calcium in the blood thereby relaxing vessel contraction, acts as an enzyme to metabolize and repair kidney function and breaks down plaque deposits in blood vessel walls to improve circulation.

In a study we performed at the Institut de Cardiologie de Montreal, Canada, **Hypertril™ or Hypertenol™** demonstrated a significant reduction in MAP (Mean Arterial Pressure) and ventricular function. Amazingly, right ventricular weight/body weight ratio was also decreased. **Hypertril™ or Hypertenol™** treatment also significantly improved LVSP (Left Ventricular Systolic Pressure) and left ventricular relaxation as assessed by left ventricular end diastolic pressure (LVEDP) was also significantly reduced by **Hypertril™ or Hypertenol™** treatment. **Hypertril™ or Hypertenol™** reduction of LVEDP was associated with a decrease in lung weight/body weight ratio. Consistent with this latter result, right ventricular hypertrophy was also reduced with **Hypertril™ or Hypertenol™** therapy. Thus, **Hypertril™ or Hypertenol™** may be beneficial in the treatment of pulmonary hypertension via its therapeutic action on LVEDP.

Applications

Hypertril™ or Hypertenol™ has been used to:

- Normalize blood pressure levels.
- Help obtain and maintain desirable blood pressure levels in people who have not responded adequately to prescribed hypertension medication.
- Help obtain and maintain further desirable blood pressure levels (<130/85 mmHg) in patients who have been under control of prescribed hypertension medication.
- Help obtain and maintain normal blood pressure levels in patients who suffer the side effects from conventional hypertension medication and wish to discontinue it.
- Help improve and maintain a normal heart beat in people who suffer from arrhythmia either with or without hypertension.
- Improve breathing in people who complain of breathing difficulties caused from obesity or high blood pressure.
- Act as a potent Anti-oxidant.
- Destroy free radicals.
- Improve circulation.
- Reduce the weight of the lungs.
- Reduce the size of the right ventricle in the heart.

Chamomile B.E.E.®: contains volatile oils and flavonoids, which exert powerful antioxidant activities and may have direct benefits on the cardiovascular system.

Calcium Citrate: is important in the maintenance of a regular heartbeat and in the transmission of nerve impulses. It may lower blood pressure and cholesterol levels and helps prevent cardiovascular disease. Calcium intake is helpful for high blood pressure, which develops due to pregnancy. Increasing calcium intake appears to possess a greater blood pressure-lowering effect in hypertensive than normotensive individuals. Scientists are attempting to isolate the mechanism by which calcium appears to lower blood pressure. Studies have shown that calcium may also reduce the risk of

pregnancy-induced hypertension and preeclampsia. Some studies have found that calcium supplements can keep blood pressure in check. A few studies even indicate that a diet rich in calcium derived from low-fat dairy products, fruits, and vegetables may be as effective as some prescription medications at lowering high blood pressure. Because calcium helps muscles to contract, it also keeps the heart and blood vessels performing efficiently. Calcium becomes a potent assistant to decrease blood pressure due to diuretic properties that help the kidneys release sodium and water, causing some experts to suggest that some forms of high blood pressure may be due to calcium deficiency rather than surplus sodium. In the Nurses Health Study, a four year study of 60,000 women, those who consumed more than 800 milligrams a day were at less risk of developing high blood pressure compared to those who consumed less than 400 milligrams a day.

Magnesium Citrate: assists in calcium and potassium uptake. Research has shown that magnesium may help prevent cardiovascular disease and reduce cholesterol levels. There is some evidence from clinical studies that a high magnesium intake lowers blood pressure and reduces the incidence of stroke. It is also useful for high blood pressure, which develops due to pregnancy. Magnesium plays a part in reducing elevated blood pressure by relaxing the muscles that control blood vessels, allowing blood to flow more freely.

Potassium Gluconate: is important for a healthy nervous system and a regular heart rhythm. It helps prevent stroke, aids in proper muscle contraction and works with sodium to control the body's water balance. Potassium is important for chemical reactions within the cell and aids in maintaining stable blood pressure. Studies showed that low potassium intake might be a significant factor in the development of high blood pressure. Potassium is an important dietary electrolyte that helps maintain blood pressure levels. Studies indicate that people who consume optimal amounts of foods high in potassium generally have lower blood pressure than those whose potassium intake is low.

Ascorbic Acid (Vitamin C): Vitamin C is a very powerful antioxidant and free radical scavenger that also recharges other antioxidants, such as vitamin E to keep them potent. Studies have shown that Vitamin C improves endothelial function of coronary arteries and restores nitric oxide activity in patients with hypertension. Vitamin C lowers cholesterol and reduces the risk of cardiovascular complications. Vitamin C may widen blood vessels, thus helping to lower blood pressure. Scientists speculate that constricted arteries may be partly caused by the type of cell damage that vitamin C corrects. The study of 45 people with high blood pressure (hypertension) had the levels fall by about 9.1% if they consumed a 500-milligram supplement of vitamin C each day for a month.

Vitamin E (d-alpha Tocopherol): Vitamin E is an antioxidant that is important in the prevention of cardiovascular disease. It improves circulation and reduces blood pressure. Studies demonstrate exogenous Vitamin E supplementation brings about significant changes in subsequent recovery and rehabilitation of stroke patients.

SUGGESTED USE:

Start with 1 capsule twice daily and either increase or decrease dosage based on your blood pressure readings.