

Polyphine®

Product information solely for professionals

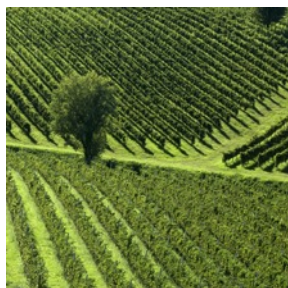
Red Wine Polyphenols

Prevention is better than cure

The medical advances in recent decades are characterized by ever smarter and more sophisticated treatment of symptoms. Though the patient' quality of life seldom improves. Aging with only few or minor health issues is increasingly rare. We seem to accept that with age our quality of life diminishes. Little attention is paid to the cause and prevention of age-related diseases, such as cardiovascular disease, cancer, diabetes and obesity. How can you Vital?

One of the main culprits for this massive decline of our health is in our diet. The mass production of industrial simplified nutrition together with too little healthy food leads to a lack of essential natural nutrients. We are overfed and undernourished.

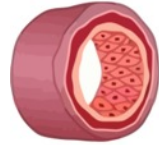
According to the World Health Organisation, almost 80% of cardiovascular disease in the world can be prevented with a healthy diet. And yet nearly one in three EU citizens dies of heart or vascular disease! Natural polyphenols play a key role. In this brochure we will explain you how.



Heart and Cardiovascular Disease

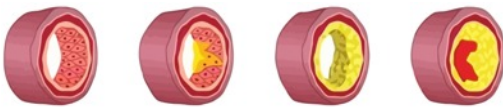
Cholesterol in a new perspective

Our blood flows through an ingenious network of arteries, veins and capillaries. The walls of the arteries are lined with a thin layer of cells called the endothelium. Covering an area of six to eight tennis courts, all cells combined amount to about the size of the liver. Cardiologists today consider the endothelium an organ in itself because of its very specific function in our metabolism.



Endothelium

The endothelium is involved in many aspects of vascular biology. The scientists Furchgott, Zawadski, Ignarro concluded that the Endothelium and its key product Nitric-Oxide are the prime regulators of vascular health. For this they received the 1988 Nobel Prize in Medicine. The endothelium ensures proper functioning of blood vessels. It ensures that the blood vessel relaxes and widens when needed. In addition, it inhibits the formation of blood clots, and makes it difficult for the white blood cells to attach themselves to the vessel wall (plaqueformation). The latter is important for the prevention of atherosclerosis. As with other organs, ageing influenced by lifestyle can damage the endothelium. When the endothelium is impaired all kinds of problems arise. You can compare it to a damaged road surface, which causes accidents and traffic congestion. Doctors call this phenomenon endothelial dysfunction. A chronically inflamed endothelium, not cholesterol, is the main cause of arteriosclerosis, and thus, indirectly, the main cause of cardiovascular disease.



Healthy endothelium gets infected by plaqueformation



Heart problems
Heart attack
Cerebral infarction
Angina
Disease

When the endothelium is healthy and supple, cholesterol does not do damage. This was confirmed by scientific research by Dr. Peter Libby (Chief of Cardiovascular Medicine at Brigham and Boston Harvard Medical) in 2002 and published in the leading medical journal the Scientific American.

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Leading cardiologists such as Prof. dr. Paul Hugenholtz and Dr. Roderik Kraaijenhagen in the Netherlands advocate a healthy endothelium. Addressing the real cause and promoting a healthy endothelium will visibly reduce the disease's symptoms, such as increased cholesterol, decreased blood flow and plaque formation. This leads to lasting vitality without unfortunate side effects.

Scientific Studies

Polyphenols and Cardiovascular Disease

In the early 90s Dr. S. Renaud and Dr. Michel de Lorgeril identified the positive link between red wine and cardiovascular disease. Their discoveries were published in 1992 in the renowned journal The Lancet.

Innumerable scientific studies have followed regarding the association between red wine polyphenols and heart disease. Prof. Dr. Jean Claude Stoclet and Dr. Thierry Chaitaigneau showed, among other things, that polyphenols help maintain endothelial health. (2004: European Journal of Pharmacology: Vascular protection by dietary polyphenols).



In a similar double-blind study at the Academic Medical Center in Amsterdam and the University Medical Center UMC in Utrecht, patients between 20 and 40 years with symptoms of atherosclerosis showed that intake of 500 mg of polyphenols for four weeks, led to a sharp drop in inflammation bio-markers, with recovery of the integrity of the endothelium. (2011: British Journal of Nutrition: Reduction of MCP-1 and MIF by a polyphenol-rich extract in subjects with clustered cardiometabolic risk factors).

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Research has shown that in southwest France the grapes, the climate and the Terroir lead to a high and unique combination of Polyphenols. These grapes are used for **Polyphine®**.

Polyphine® is a high quality natural Grape Extract from carefully selected grapes from Southwest France enriched with natural Vitamin C and Vitamin B1 .

Polyphine® is a unique mixture of natural and strong anti-oxidants or polyphenols, such as Resveratrol, Anthocyanins, Flavonols and Oligomeric Pro Anthocyanins (OPCs)

Polyphine® for a healthy endothelium

Polyphine® keeps the arteries healthy, clean and supple giving it a positive effect on the entire cardiovascular system. *

*) Valid with a minimum daily dosage of 500 mg .

On www.polyphine.com you can find an extensive overview of the many scientific studies and the positive effect on our health and vitality. Also testimonials and videos from professionals and their clients on their positive experiences.

If you would like to learn more send us an email: info@polyphine.com

VPSana Group AG - Switzerland

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