PATENT

Average contents	For 2 tablets	NRV%*
BPF®	1 g	
Contribution of polyphenols	430 mg	
of which Naringina	55 mg	
Neoeryiocitrin	46 mg	
Neohesperidine	58 mg	
Melitidine	7,3 mg	
Bruteridine	18 mg	
Vitamin C	100 mg	125
Zinc	10 mg	100

*Nutrient reference value

The recommended dose take 2 tablet during main meals

Ingredients:

BPF Bergamot polyphenolic fraction (Citrus bergamia Risso & Poit.) fruit juice plv tit. 43%Polyphenols; Agents charge: microcrystalline cellulose,Hydroxypropylmethylcellulose; Vitamin C (Ascorbic Acid); CrossLinked sodium carboxymethylcellulose; Anti-caking agents : Salts of magnesium of fatty acids, Silicon dioxide; Zinc oxide.

References:

https://www.scirp.org/reference/referencespapers?referenceid=1136838

https://pubmed.ncbi.nlm.nih.gov/21056640/

https://journals.sagepub.com/doi/pdf/10.1177/1074248407-313821

https://www.sciencedirect.com/science/article/pii/S1756464623003249

Marketing Authorisation holder :
PHARMILANO S.R.L Via Carlo Poma no. 32. Milano, italy
wwww.pharmilano.it

Made in Italy

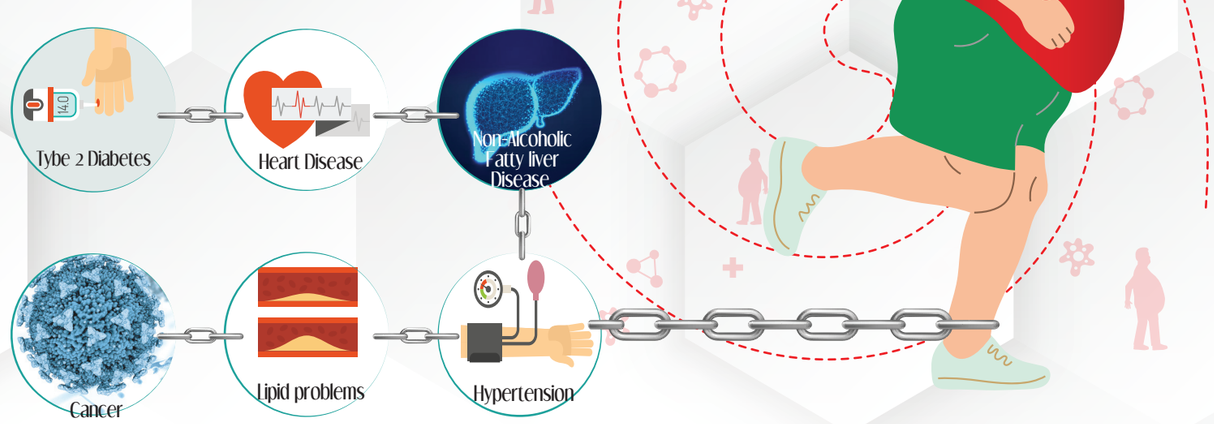
Meta-S cure

PHARMILANO

Meta-S cure

GLUTEN FREE

With BPF®
Bergamot polyphenolic Fraction



30 Tablets

PATENT

Meta-S cure

Meta-S cure: is based on BPF® PATENTED BERGAMOT POLYPHENOLIC FRACTION, is a Unique product specific for the prevention and treatment of METABOLIC SYNDROME.

Reduces
- Cholesterol
- Triglycerides
- Glycemia
- Uric acid
- Transaminases

> Metabolic Syndrome

PREVENTION of Metabolic Syndrome

for inividulas with 2 values uot of control or 1 factor associated with a genetic predisposition and / or with a genetic predisposition and /or life-style that could develop in conclamed metabolic Syndrome

TERATMENT of metabolic Syndrome:

Meta-S cure can act against :
- hyperglycemia
- hypertriglycerids
- hypercholesterols

Also it act against uricemia e transaminases (gamma -GT)

ADVANTAGES:
- Unique product: for Metabolic syndrome and Pre-metabolic syndrome
- Restore levels: Cholesterol, Triglycerides, Blood glucose
- Clinical studies on the product
- Meta-S cure can be combined with low-dose STATIN for:
  - increase EFFECTIVENESS
  - restrict SIDE EFFECTS

Possible combination

With low dose STATIN

To achieve the same efficacy as full dose statin.

BPF® PATENTED BERGAMOT POLYPHENOLIC FRACTION

Bergamot (Citrus bergamia) is an endemic plant growing in the Calabrian region of Southern Italy with a unique profile of flavonoid and glycosides present in its juice, such as neoeriocitrin, neohesperidin, naringin, rutin, neodesmin, rhoifolin and poncirin. Bergamot differs from other citrus fruits, not only for the composition but also for the particularly high content of flavonoids. Some of these flavonoids, such as naringin have already been shown to be active in animal models of atherosclerosis, while neoeriocitrin and rutin have been found to exhibit a strong capacity to inhibit LDL oxidation. Importantly, bergamot juice is rich in 3-hydroxy-3-methylglutaryl neohesperidosides of hesperetin (brutieridine) and naringenin (melitidine) with an ability to inhibit HMG-CoA reductase.

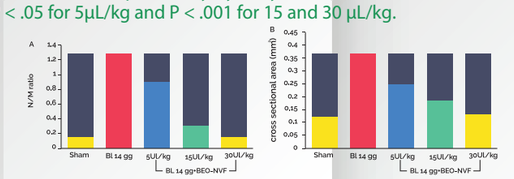
The patented extract contains:

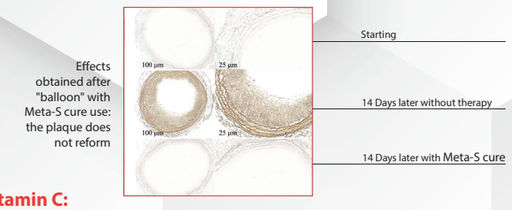
430 mg of POLYPHENOLS of which
- 55 mg of NARINGIN
- 46 mg of NEOERIOCITRIN
- 58 mg of NEOESPERIDINA
- 7,3 mg of MELITHIDIN
- 18 mg of BRUTIERIDINE

Made in Italy

Mechanism of action:
- **Statin-like Principles:** Modulating hepatic HMG-CoA levels, possibly by binding bile acids and increasing the turnover rate of blood and liver cholesterol
- Reduces hepatic TG accumulation associated with reduced activity of TG synthetic enzyme, PAP
- Hesperetin reduce apoB levels
- Reduce both VLDL-derived and endogenously synthesized fatty acids, preventing muscle triglyceride accumulation and, finally, improving overall insulin sensitivity and glucose tolerance
- Increasing the bile excretion of cholesterol
- Reducing the hepatic release of LDLs through inhibition of the enzyme ACAT

This study has been designated to evaluate the potential protective effect of nonvolatile fraction of bergamot essential oil (BEONVF) on neointima formation and LOX-1 overexpression in balloon-injured common carotid arteries and its correlation with the antioxidant properties of this natural bergamot oil extract of vascular injuries in vivo. In rats undergoing balloon injury of the left common carotid artery, a significant proliferation of sub-endothelial vascular smooth muscle cells occurred ($P < .05$ and $P < .001$ for 7 days and 14 days after balloon injury, respectively). Treatment of rats with bergamot essential oil nonvolatile fraction BEO-NVF (5–30 μL/kg given i.p. daily after balloon injury) antagonized balloon-induced neointima formation, both cross-sectional area of injured carotid artery and neointima/media ratio were reduced dose-dependently by daily administration of the BEO-NVF ($P < .05$ for 5μL/kg and $P < .001$ for 15 and 30 μL/kg.





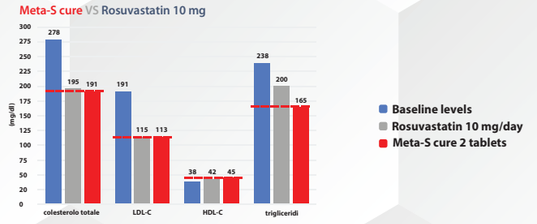
Vitamin C:
Metabolic syndrome is often associated with chronic inflammation and oxidative stress, which can damage cells and tissues. Vitamin C is a powerful antioxidant that can neutralize free radicals and harmful molecules that contribute to oxidative stress. By reducing oxidative stress, vitamin C may help protect against the long-term complications of metabolic syndrome.
Strong collagen is crucial for maintaining the structure and integrity of blood vessels. Proper collagen formation by vitamin C can help:
- Reduce blood vessel stiffness, a common feature of metabolic syndrome.
- Improve blood flow and circulation.
- Potentially lower blood pressure, a key risk factor for heart disease.

Zinc:
Several studies have reported that zinc plays a substantial role in the development of metabolic syndrome, taking part in the regulation of cytokine expression, suppressing inflammation, and is also required to activate antioxidant enzymes that scavenge reactive oxygen species, reducing oxidative stress. Zinc also plays a role in the correct functioning of lipid and glucose metabolism, regulating and forming the expression of insulin. In numerous studies, zinc supplementation has been found to improve blood pressure, glucose, and LDL cholesterol serum level. Deeper knowledge of zinc's properties may help in treating metabolic syndrome, thus protecting against stroke and angina pectoris, and ultimately against death.

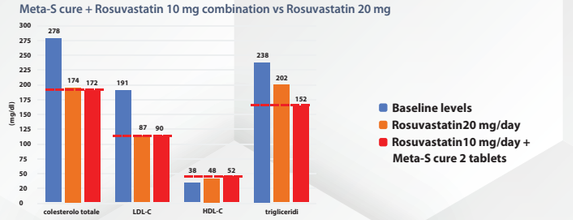
META-S CURE

Effectiveness documented by CLINICAL STUDIES
- Interregional Research Centre for Food Safety & Health IRC-FSH, University Magna Graecia, Catanzaro, Italy
- Department of Medicine, Chair of Cardiology, University of Rome Tor Vergata, Rome, Italy
- IRCCS (Istituto di Ricovero e Cura a Carattere Scientifico) San Raffaele-Rome, Italy

– A study conducted on hyperlipidemic patients treated for 30 consecutive days with Rosuvastatin 10 mg or with 2 META-S CURE tablets, it decreases TRIGLYCERIDES and acts on CHOLESTEROL with the same effectiveness as 10 mg ROSUVASTATIN



– in another study conducted on hyper lipidemic patients treated for 30 consecutive days with Rosuvastatin 10 mg + Meta-S cure 2 tablets or with Rosuvastatin 20 mg, it was observed that Meta-S cure can be combined with low-dose STATIN for increased EFFECTIVENESS and restrict SIDE EFFECTS.



– We studied the effect of bergamot polyphenolic fraction (BPF) in patients with metabolic syndrome and nonalcoholic fatty liver disease (NAFLD). 107 patients were enrolled at the San Raffaele IRCCS (Rome). All of them showed ultrasonographic evidence of NAFLD and at least three out of five previous identified criteria for the diagnosis of MS. Patients were divided into two groups: one receiving placebo and the second receiving BPF 650 mg twice a day for 120 consecutive days. In the group receiving BPF 650 mg twice a day, a significant reduction of fasting plasma glucose, serum LDL cholesterol and triglycerides alongside with an increase of HDL cholesterol was found. This effect was accompanied by significant reduction of both ultrasonographic and metabolic biomarkers of NAFLD. Moreover, a significant reduction of small dense LDL particles, as detected via proton NMR Spectroscopy was found.

30 Tablets