**REVIMITE - the antioxidant and a source of micronutrients**

<table>
<thead>
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<th><strong>Description</strong></th>
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<td><strong>Innovation in Nutriciology</strong></td>
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<td>Dietary spread which fills up the shortage of elements and other nutrients in human body. It is very rich in vitamin B and vitamin Fe. It has many antioxidant effects. It is advised to use during weight loss, anemia, high physical and emotional stress.</td>
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<th><strong>Directions</strong></th>
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<td>Adults and children over 14 years old: 1 teaspoon (10 grams) 1-2 times a day with during meals. Course duration 1 month. If necessary, the course can be repeated.</td>
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<th><strong>Ingredients</strong></th>
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<td>fructose, water, concentrated pomegranate juice, soy sauce, soy lecithin, a complex of food additive &quot;Pectin&quot;, oat extract, Echinacea purpurea extract, green tea extract, grape seed extract, soy isoflavones, yeast extract, dried ginger, sum (Brazilian ginseng), complex food additive &quot;Grindsted FF M 612&quot;, iron pyrophosphate, cloves, and vitamins B1, B3, B6, potassium sorbate, complex food additive &quot;lowlands&quot;.</td>
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<td>Recommended as an additional source of vitamins B1, B3, B6, iron, source of caffeine, isoflavones, polyphenolic substances oxyccinnamic and organic acids.</td>
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<td>1 teaspoon (10 g) contains at least:</td>
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- Iron - 4.2 mg, which corresponds to 30% *
- Isoflavones - 12.5 mg, or 25% *
- Caffeine - 10 mg, or 20% *
- Vitamin B1 - 0.225 mg, which corresponds to 15% *
- Vitamin B3 - 4.0 mg, which corresponds to 20% *
- Vitamin B6 - 0.4 mg, which corresponds to 20% *
- Organic acids - 70.0 mg, or 14% *
- Oxycinnamic acid - 2.0 mg, which corresponds to 20% *
- Polyphenolic substances in terms of tannin - 40 mg, or 20% *
- Polyphenolic substances in terms of gallic acid - 35 mg, or 35% *

Of the recommended daily requirement.

Nutritional value of 100 g of the product:
- Protein - 0.52 g, fat - 2.97 g, carbohydrates - 48.4 g, organic acids - 0.7 g

Energy: 224.16 Kcal.

Recommended application:
- Primary and secondary immunodeficiencies,
- Reduction of antioxidant status,
- Metabolic disorders,
- Atherosclerosis,
- Diabetes,
- Anemia of various origins,
- Lack of vitamins and minerals in the diet and fasting,
- As part of integrated programs for correction of body weight,
- Increased physical activity.

Main components

The extract of barley
The extract of barley grains are recommended to maintain the function of the visual analyzer due to the high content of natural anthocyanins.

Grape seeds
Grape seed extract contains many sugars (glycosides, fructose) flobafen, ENIN and malic, phosphoric, silicic, salicylic, citric, succinic, oxalic acid salts, potassium, calcium, iron, magnesium, vitamins B1, B2, A, C, tannin, flobafen lecithin. Extract help strengthen the connective tissue of the skin, stimulate cell renewal, anti-inflammatory and healing effect. It can be used in the means to care for aging, flaking and skin problems.

The main value of the grape seed extract is the presence of powerful antioxidants - biofdavonoiodov called proanthocyanidins. The grape seeds contains 95% proanthocyanidins. Proanthocyanidins represent a complex molecules - oligomers, as a result of biochemical reactions in the body of complex molecules cleaved simple molecules - monomers, and they are free radical scavengers. This is the antioxidant properties of proanthocyanidins. These are
powerful antioxidants, they are 50 times - more than vit. C and E. proanthocyanidins neutralize free radicals that emerged from Rancid fats and oils in the body, inflammation and degenerative changes in organs. Proanthocyanidins strengthen the walls of blood vessels and normalize the levels of collagen, which is the basis of skin, tendons, joints, cartilage by neutralizing enzymes (hyaluronidase, elastase, collagenase), destroying the structure of the connective tissue. Strengthening of collagen leads to a reduction in sagging skin.

**Soybeans**

Pectin and soy isoflavones bind free radicals, increase the activity of antioxidant enzymes in the body, accelerate the withdrawal from the body of toxic metabolic products after taking antibiotics and other medications. Isoflavones - precursors to the female sex hormones of vegetable origin (bioestrogeny).

Eating foods containing soy, the person receives bioestrogeny that under the influence of the microflora of the large intestine (upper sections) are converted into an active form and are absorbed into the bloodstream in the form of daidzein and genistein. If the menopause the overall level of female sex hormones is reduced, these active compounds compensate for hormone deficiency, preventing the appearance of the main unpleasant menopausal symptoms - emotional lability and vegetative tides. In addition, soy isoflavones significantly reduce the likelihood of breast cancer as well as bone calcium is held in a natural way that prevents the development of osteoporosis.

**Lecithin**

Strengthens the skeletal muscles, speeds up the metabolism of lactic acid, it helps to recover quickly after a grueling training and intense exercise.

Lecithin - the notion of a collective. This complex is more phospholipids, which includes also a polyunsaturated fatty acid.

Lecithin appears still in the womb, after the birth of her milk is absorbed. Without lecithin there will be no growth and development, to operate the central nervous system, develop human intelligence. Without lecithin will not work normally or the heart or liver, or kidney, any organ in the human body. Without lecithin men are powerless, but women will not be able to conceive, carry and give birth to a healthy baby.

Lecithin is included in all the cell membrane of the organism, it is the main component of the protective sheath of the brain and nerve fibers.

Lecithin - is essential phospholipids, the physiological role of which is on par with the protein to form cell membranes, they play the role of "gate guard" by passing the cell only needed her substance and "locking the entrance to outsiders." Lecithin constantly "coming out" of the cell membrane, where a cell are any adverse factors, but instead come new phospholipid molecules, "cementing" the injury. Lecithin provides "current repair" and continuous renewal of body cells. Lecithin is a part of "good" cholesterol that carries the "bad" cholesterol from atherosclerotic plaques in the vessel and helps to restore its normal clearance. The human sperm contains about 30% of lecithin to ensure their mobility.

**Echinacea polysaccharides**

Possess immunostimulatory and mild anti-inflammatory properties. It lies in polysaccharides...
immunostimulatory effects of echinacea. They inhibit the growth of streptococci, staphylococci, E. coli, influenza virus, and herpes, have the properties of interferon inducer.

Of Echinacea polysaccharides were isolated individual possessing immunostimulatory and mild anti-inflammatory properties. It appears that the polysaccharide is in surrounding cells and tissues. thus protecting them from bacterial and pathogenic invasions lies immunostimulatory effects of echinacea. In addition, the components of polysaccharides stimulating fibroblasty and inhibiting hyaluronidase enzyme that breaks down the intracellular cement called hyaluronic acid; promote tissue regeneration.

Echinacea polysaccharides enhance macrophage phagocytosis by macrophages and stimulate the production of several important immune system components. Polysaccharides. contained in Echinacea purpurea, cause increased proliferation of phagocytes in the spleen and bone marrow and migrate to the peripheral blood granulocytes in vivo. In vitro macrophages stimulated to develop IL-1, IL-6 and anti-tumor factor alpha, which increases the amount of reactive oxygen species mediators and inhibits the growth of Candida albicans.

**Ginger**

The rhizome of ginger contains a lot of useful vitamins, minerals and amino acids, including vitamins C, B1, B2, essential amino acids necessary for normal functioning of all systems of the body, essential oils, minerals (sodium, potassium, zinc). The range of therapeutic properties of ginger is very wide, it provides: anti-inflammatory, antispasmodic, analgesic, resolving, aphrodisiac, carminative, sudorific, healing and toning effect. Ginger also has a strong antioxidant and soothing action. It improves the immune system, cerebral circulation, strengthens blood vessels and improves memory. It has anti-parasitic properties, indispensable in diseases of the musculoskeletal system and reduces the level of cholesterol in the blood.

**Pomegranate juice**

Pomegranate juice is considered a very valuable product, have also, a great dietary value. The composition of pomegranate juice include a whole range of vitamins - provitamin A (carotene), a group of B vitamins - B1, B2, B6, vitamin C (ascorbic acid), organic acids - malic, citric acid, folic, tannins, sugars, minerals, magnesium, silicon, copper, potassium and phosphorus.

With this composition of pomegranate juice is one of the first foods that are brought to the hospital. With its help stabilize the chemical composition of gastric juice, it normalizes the blood and improves the function of blood formation.

He is a fortifying agent, including in the recovery period after suffering long-term illnesses; chronic fatigue syndrome; decreased performance.

**Green tea extract**

It activates blood circulation, supplying the cells with oxygen, increases the protective properties of the skin. Contained in tea caffeine is a stimulant. Affecting the central nervous system (brain and spinal cord), caffeine increases respiration, increases the frequency and strength of heart contractions, accelerates metabolism, and thus creates a sense of vitality, fatigue and drowsiness. Caffeine also stimulates vasoconstriction, which determines its
ability to relieve headaches caused by dilation of blood vessels of the head, moreover, it increases muscular tonus and improves movement coordination.

Furthermore, it was demonstrated positive effects of green tea extract on lipid metabolism and glucose metabolism, as well as the ability to increase glucose tolerance. Biologically active food supplement with EGCG may be included in the program of prevention and treatment of type 2 diabetes.

**Herbal extracts of oats**

It contains a significant amount of amino acids, enzymes, flavonoids, saponins, sigmasterina, vitamins, macro- and micronutrients promoting improvement of lipid metabolism and the metabolism in general.

Oat grass extract contains beta-glucan, which has an immunomodulatory effect, promotes rapid cell regeneration, accelerates regeneration of damaged skin. Beta-glucan stimulates the synthesis of collagen and retains moisture in the skin, moisturizing and protecting the skin and hair. Contained in the oat extract saponins normalize sebum (sebum) and help clean the pores.

**Yeast extract**

Yeast extract contains glycidyl, amino acids, lipids, minerals (sulfur, phosphorus, potassium, magnesium), vitamin PP, H, provitamin D, vitamin B, nucleic acids.

Yeast - metabolic means, the effect of which is due to its composition of vitamins B1, amino acids and minerals. Vitamins, micro and macro elements are yeast protein complexes, so they enter the human body gradually. Yeast provides normal activity, growth and development, promotes the formation of resistance to adverse environmental factors. Preparations based on yeast extract improves digestion, activates the transport of bowel function, normalize metabolic processes, possess immunostimulatory and detoxification effect, contribute to the removal of toxic substances.

Preparations based on yeast for internal admission shows for adults and children for the prevention of hypovitaminosis B, in case of violation of carbohydrate and protein-vitamin-mineral metabolism, unbalanced and malnutrition in the recovery period after somatic and infectious diseases. They are also recommended for large neuropsychiatric and physical activity, the presence of risk factors for diseases of the cardiovascular system, in alcoholism, prolonged exposure to hazardous chemicals and radiation, stay in adverse climatic conditions.

**B Vitamins**

Vitamin B1 (thiamine)

It supports the immune system. Basically, it provides the normal state of the mucous membranes, is involved in the formation of red blood cells and the metabolism of carbohydrates, the most efficient energy source for the organism. In addition, vitamin B1 (thiamine) optimizes cognitive activity and mental activity. He has a positive effect on energy, growth, normal appetite, ability to learn, it is necessary to maintain the muscle tone of the intestine, stomach and heart.
### Vitamin B3

Nicotinamide (Vitamin B3) is a cellular energy, which optimizes the balance of excitation and inhibition in the central nervous system.

### Vitamin B6

Pyridoxine (vitamin B6) has a great impact on physical and mental health. It is required for normal functioning of the nervous system and brain, for the synthesis of nucleic acids.

### Iron

Iron in the body of each person is contained in an average of 4 to 5 g, and more than 50% of the part of hemoglobin erythrocytes. Hemoglobin carries one of the most important functions of breathing - a compound with oxygen delivery to the tissues. The second most important aspect of the biological action of iron in the body is actively involved in its oxidation processes: it is part of oxidative enzymes. In this regard, iron stimulates intracellular metabolic processes, and at the same time, is a necessary part of protoplasm and cell nuclei. Finally, the iron is among the true hematopoietic cells that play an important role in normalization of blood.

### Organic acids

Organic acids play an important role in the maintenance of acid-base balance in the body have been completely oxidized, they give a large amount of alkali components. In our modern conditions of sedentary lifestyles, stress, environmental pollution, leading to an accumulation of acid products in our domestic environment, alkalizing effect of organic acids is essential in improving the human body.

### Form release:

100 g.

### Production

Scientific and Production Center of Revitalization and Health

St. Petersburg University of Bioregulation and Gerontology