

Myo-Plus®

5740

Please Copy for Your Patients

Myo-Plus Supports Muscular Health and Function Through the Use of Naturally-Occurring Strong Antioxidants—Coenzyme Q₁₀, B-Complex, and Vitamins C and E

Large bodies of animal and human research support the idea for the need to increase antioxidants in our daily diet. Coenzyme Q₁₀ is used extensively in Japan to support heart and cardiovascular health and to support the immune system. Human research in the United States suggests that Coenzyme Q₁₀ promotes the metabolic efficiency of muscles throughout the body, including the heart muscle. Vitamins of the B-complex work together to keep nerves and muscles healthy and to support immune function. Vitamin C helps tissues grow properly and repair themselves when injured. Vitamin C plays a dominant role in immune system support. Some vitamins and minerals work more efficiently and provide greater benefit for the body when they partner with another vitamin or mineral. Vitamin E is one such vitamin that works synergistically with Vitamin C and the trace mineral selenium. Similarly, vitamins in the B-complex realize maximum potential when taken together. While each substance stands fully capable of destroying harmful free radicals on its own, research strongly suggests that their combined efforts yield even greater results at the cellular level. The appropriate combination of these nutrients provides maximum nutritional balance by improving their absorption, extending their activity, and enhancing their potency.†

How Myo-Plus Keeps You Healthy

Supports muscular health

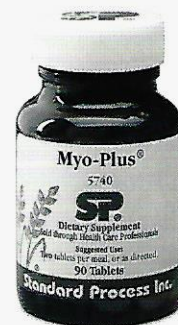
Each cell in the body depends on Coenzyme Q₁₀ to breathe and produce energy. Coenzyme Q₁₀ positively influences muscular energy metabolism to help maintain optimal muscular efficiency. Vitamins C and E help repair damaged tissues.†

Provides strong antioxidant defense

The free radicals generated by the body in response to exposure to various stresses are important to the immune arsenal. However, when free radicals are generated in excess, they can cause severe damage to normal tissues and healthy cells. Antioxidants are substances that neutralize free radicals by attaching to their free electrons. By inhibiting excessive free radical proliferation, antioxidants like those found in Myo-Plus help detoxify and protect the body from free radical damage.†

Helps keep your heart healthy

Each major ingredient in Myo-Plus influences the cardiovascular system in a positive way. Naturally-occurring Coenzyme Q₁₀ helps promote healthy circulation and strengthens the heart muscle. Vitamin B₆ can help keep homocysteine levels within a more normal range. Vitamin E improves circulation.†



Introduced in:

1964

Content:

90 Tablets

Supplement Facts:

Serving Size: 2 tablets
Servings per Container: 45

		%DV
Calories	4	
Cholesterol	5 mg	1%
Total Carbohydrate	1 g	<1%*
Vitamin C	14.5 mg	25%
Vitamin E	2 IU	6%
Riboflavin	1.6 mg	100%
Niacin	14 mg	70%
Vitamin B ₆	0.5 mg	25%
Selenium	2.8 mcg	4%

*Percent Daily Values (DV) are based on a 2,000 calorie diet.



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† These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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What Makes Myo-Plus Unique

Unique Product Attributes

Multiple nutrients from a variety of animal tissues

- Extracts from bovine, porcine, and ovine tissues provide nutrients and support to the corresponding tissues in humans
- Vitamins, minerals, and nutrients from animal tissues work synergistically for maximum effect
- Contains naturally-occurring Coenzyme Q₁₀ from bovine heart PMG™ extract
- A combination product to support the muscular system†

Unique Processing

Exclusive low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- The nutrients in Myo-Plus are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories constantly conduct bacterial and analytical tests on raw materials, product batches, and finished products

- Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

- Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Dr. Lee challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Proprietary Blend: Bovine heart PMG™ extract, bovine liver, choline bitartrate, calcium lactate, porcine stomach, bovine orchic extract, *Tillandsia usneoides* powder, defatted wheat (germ), nutritional yeast, allantoin, inositol, bovine spleen, ovine spleen, bovine adrenal Cytosol™ extract, porcine brain, and oat flour.

Other Ingredients: Honey, selenium yeast, niacinamide, ascorbic acid, mixed tocopherols (soy), potassium para-aminobenzoate, calcium stearate, arabic gum, glycerin, riboflavin 5'-phosphate, and pyridoxal 5'-phosphate.

Suggested Use: Two tablets per meal, or as directed.

Sold to health care professionals.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Myo-Plus®.

- Agte VV, et al. 1997. Effect of nicotinic acid on zinc and iron metabolism. *Biometals* 10(4): 271-276.
- Anderson L.E. 1998. *Mosby's Medical, Nursing, & Allied Health Dictionary*. 5th ed. St. Louis, MO: Mosby: 131, 1039, 1108-1109, 1303, 1366, 1427, 1469, 1670, 1717.
- Azen S.P., et al. 1996. Progression of coronary artery disease predicts clinical coronary events. Long-term follow-up from the Cholesterol Lowering Atherosclerosis Study. *Circulation* 93(1): 34-41.
- Balch J.F., Balch P.A. 1997. *Prescription for Nutritional Healing*. 2nd ed. Garden City Park, NY: Avery Publishing Group: 15-16, 18-19, 21, 28, 43-46.
- Barceloux D.G. 1999. Selenium. *Journal of Toxicology Clinical Toxicology* 37(2): 145-172.
- Basu T.K., Dickerson J.W. 1996. *Vitamins in Human Health and Disease*. United Kingdom: CAB INTERNATIONAL: 249.
- Basu T.K., Shorah C.J. 1982. *Vitamin C in Health and Disease*. Westport, CT: The AVI Publishing Company, Inc.: 59, 93-114.
- Berdanier C.D. 1995. *Advanced Nutrition Micronutrients*. Boca Raton, FL: CRC Press: 75-80, 88-105, 140.
- Bronner F. 1995. *Nutrition and Health, Topics and Controversies*. Boca Raton, FL: CRC Press: 23, 28-29, 76-77, 171, 178-179, 215, 236-237.
- Crane F.L., et al. 1994. Coenzyme Q₁₀ plasma membrane oxidase and growth control. *Molecular Aspects of Medicine* 15(Suppl): S1-S11.
- Folkers K., et al. 1993. Survival of cancer patients on therapy with coenzyme Q₁₀. *Biochemical Biophysical Research Communication* 192(1): 241-245.
- Fujimoto S., et al. 1993. Effects of coenzyme Q₁₀ administration on pulmonary function and exercise performance in patients with chronic lung diseases. *Clinical Investigator* 71(8 Suppl): S162-S166.
- Hoppe U., et al. 1999. Coenzyme Q₁₀, a cutaneous antioxidant and energizer. *Biofactors* 9(2-4): 371-378.
- Ilback N.G., et al. 1998. Effects of selenium supplementation on virus-induced inflammatory heart disease. *Biological Trace Element Research* 63(1): 51-66.
- Krivala J. 1999. [Selenium and the organism]. *Cas Lek Cesk* 138(4): 99-106.
- Langsjoen H., et al. 1994. Usefulness of coenzyme Q₁₀ in clinical cardiology: a long-term study. *Molecular Aspects of Medicine* 15(Suppl): S165-S175.

- Langsjoen P.H., et al. 1990. A six-year clinical study of therapy of cardiomyopathy with coenzyme Q₁₀. *International Journal of Tissue Reaction* 12(3): 169-171.
- Leea M., et al. 1998. Effects of folic acid and vitamin B6 supplementation on women with hyperhomocysteinemia and a history of preeclampsia or fetal growth restriction. *American Journal of Obstetrics and Gynecology* 179(1): 135-139.
- Matsura T., et al. 1992. Difference in antioxidant activity between reduced coenzyme Q9 and reduced enzyme Q10 in the cell: studies with isolated rat and guinea pig hepatocytes treated with a water-soluble radical initiator. *Biochem Biophys Acta* 1123(3): 309-315.
- Morrissey P.A., Sheehy P.J. 1999. Optimal nutrition: vitamin E. *Proc Nutr Soc* 58(2): 459-468.
- Okamoto T., et al. 1995. Protective effect of coenzyme Q₁₀ on cultured skeletal muscle cell injury induced by continuous electric field stimulation. *Biochem Biophys Res Commun* 216(3): 1006-1012.
- Schroek H., Kuschinsky W. 1989. Consequences of chronic K⁺ depletion for the ionic composition of brain, heart, skeletal muscle and cerebrospinal fluid. *Mineral and Electrolyte Metabolism* 15(3): 171-177.
- Shils M.E., Young V.R. 1988. *Modern Nutrition in Health and Disease*. 7th ed. Philadelphia, PA: Lea & Febiger: 362-368.
- Stone N.J. 1996. Lipid management: current diet and drug treatment options. *American Journal of Medicine* 101(4A): 4A40S-4A48S, discussion 48S-49S.
- Trumpower B.L. 1982. *Function of Quinones in Energy Conserving Systems*. New York, NY: Academic Press: 3-5, 35-36, 111-112, 125-127, 141-142, 235-236, 247-248, 265-266, 277-278, 285-286, 333-334, 365-367, 465-466, 511-512, 527-528, 541.
- Tver D.F., Russell P. 1989. *The Nutrition and Health Encyclopedia*. 2nd ed. New York, NY: Van Nostrand Reinhold: 127, 366-368, 425-426, 445-446, 463-464, 538.
- Venditti P., et al. 1999. Protection against ischemia-reperfusion induced oxidative stress by vitamin E treatment. *Archives of Physiological Biochemistry* 107(1): 27-34.
- Vishwanath S.M. 1998. *Introduction to Clinical Nutrition*. New York, NY: Marcel Dekker, Inc.: 174-179, 220-229, 240-241.
- Wainio W.W. 1970. *The Mammalian Mitochondrial Respiratory Chain*. New York, NY: Academic Press: 66-67, 220-232.
- Weber C., et al. 1994. Antioxidative effect of dietary coenzyme Q₁₀ in human blood plasma. *International Journal of Vitamin and Nutrition Research* 64(4): 311-315.
- Zamora R., et al. 1991. Comparative antioxidant effectiveness of dietary beta-carotene, vitamin E, selenium and coenzyme Q₁₀ in rat erythrocytes and plasma. *Journal of Nutrition* 121(1): 50-56.