



Nutritional support for overall cardiovascular wellness, inflammatory response and brain, joint and eye health

APPLICATIONS / BENEFITS

- Promotes creation of fluid cell membranes
- Helps keep triglycerides and LDL in healthy range
- Optimizes circulation and blood flow
- Helps maintain BP already within normal range
- Promotes healthy levels of C-reactive protein
- Helps maintain flexible arteries
- Modulates body's inflammatory response



OVERVIEW

Patient One Omega 800 supplies highly purified and concentrated essential Omega-3 fatty acids in their superior triglyceride form, in an evidenced-backed ratio of 430 mg EPA (eicosapentaenoic acid) and 290 mg of DHA (docosahexaenoic acid), plus a proprietary antioxidant blend.

Certified pharmaceutical grade fish oil sourced from cold water fish (anchovy, sardine, mackerel), Omega 800 is molecularly distilled and manufacturer-tested as well as third-party tested for contaminants and environmental pollutants. Omega 800 softgels are naturally flavored for a pleasant lemon/lime taste.

Fish oils are rich sources of Omega-3 long-chain poly-unsaturated fatty acids. Omega-3 fatty acids EPA and DHA are the two most studied fish oils. Most notably recognized for their beneficial effect on cardiovascular health, Omega-3s have also been shown in studies to be beneficial for brain health, blood pressure support, inflammation modulation, joint health and eye comfort.

KEY INGREDIENTS

EPA (eicosapentaenoic acid) and DHA (docosahexaenoic acid):

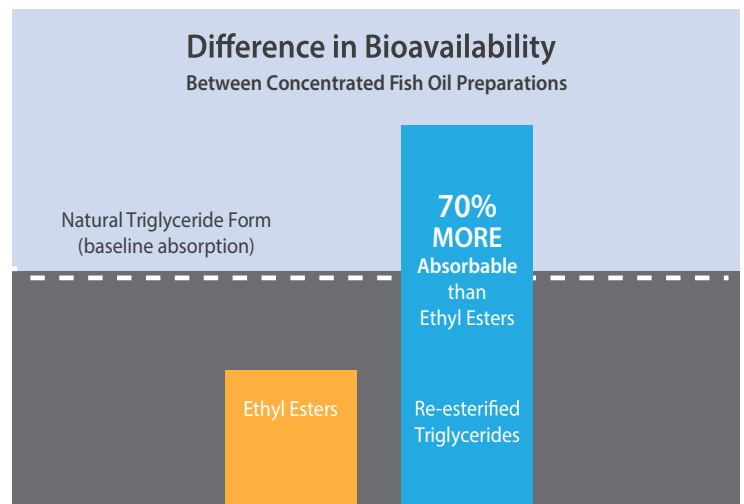
The majority of Omega-3's beneficial activities can be traced back to two health-supporting functions in the body—promoting healthy cell membranes and production of eicosanoids.

DHA is an essential component of the phospholipids in human cell membranes, particularly those found in the brain and retina. In clinical studies, Omega-3 fatty acids have demonstrated potential to help maintain healthy triglyceride levels. Additionally, a strong correlation has been shown between fish oil consumption and the ability to maintain healthy levels of C-reactive protein. Fish oils have also been studied for their beneficial role in the maintenance of normal blood flow, as they support normal fibrinogen levels (blood clotting), which contributes to normal platelet activity.

Omega-3 and Omega-6 fatty acids compete metabolically with each other. Omega-6 fatty acids—found in abundance in the typical Western diet—may inhibit the incorporation of Omega-3 fatty acids into tissue lipids. Omega-3s may inhibit the conversion of many Omega-6s into arachidonic acid, often associated with poor heart health. Consuming DHA and EPA Omega-3s appears to help increase these fatty acids while reducing levels of Omega-6 fatty acids to help restore proper lipid balance and support cardiovascular health.

THE "TRIGLYCERIDE FORM" ABSORPTION ADVANTAGE

The many health benefits of Omega-3s can only be derived if your body absorbs the fatty acids. Although scientific research demonstrates the triglyceride form as the superior delivery mode of fish oil, very few fish oil concentrates in the marketplace are available in this form because of the higher production costs. Most fish oils contain the "ethyl ester" form of fatty acid, synthetic Omega-3 molecules, shown to be less effective in delivering essential fatty acids to the body during digestion and metabolism. Omega 800 supplies fish oil concentrate in the preferred re-esterified triglyceride form to optimize its effectiveness.



Dyerberg J, et al. Bioavailability of marine n-3 fatty acid formulations. Prostaglandins Leukot Essent Fatty Acids 2010 Sep;83(3): 137-141.

RESEARCH

• The U.S. Physicians' Health Study unveiled some of the most dramatic evidence supporting the link between Omega-3-rich fish and heart health. The eating habits of 20,551 healthy physicians between ages 40-84 were tracked over 11 years. Physicians who consumed one fish meal per week were found to be associated with a 52% lower risk of sudden cardiac death compared to physicians who consumed less than one fish meal per month. Researchers concluded that the prospective data suggest that consuming fish at least once per week may reduce the risk of sudden cardiac death. Further research analyzed the blood levels of Omega-3s EPA and DHA in 15,000 U.S. Physicians' Health Study participants over the course of 17 years. Researchers concluded that those with the highest levels of Omega-3s in their blood showed a 90% reduction in risk for sudden cardiac death compared to those with the lowest levels.¹⁴

• Many additional well-designed studies have investigated how Omega-3s impact our cardiovascular system. Among these studies is one that found Omega-3s EPA and DHA make arteries supple and flexible while reducing pulse pressure and total vascular resistance – effects that researchers believe may reduce the risk of adverse cardiovascular events.¹⁷

• Another research team conducted a study of 43,000 men aged between 40-75 and discovered that even consuming a small amount of fish (1-3 times per month) was associated with a 43% reduction in risk for ischemic stroke.¹⁶ Yet another study's researchers found that dangerous arrhythmias were significantly reduced for 44% of patients who took fish oil.¹⁵

REFERENCES

1. Madsen T, Skou HA, et al, C-reactive protein, dietary n-3 fatty acids, and the extent of coronary artery disease. *Am J Cardiol* 88:1139-42 (2001)
2. Rigelsky, JM, et al, Hawthorn: pharmacology and therapeutic uses. *Am J Health Syst Pharm* 59:417-22 (2002)
3. Kris-Etherton PM, et al, fish consumption, fish oil, omega-3 fatty acids, and cardiovascular disease. *Arterioscler Thromb Vasc Biol* 23(2):e20-e30 (2003)
4. Morris, MC, Sacks F, Rosner B. Does fish oil lower blood pressure? A meta-analysis of controlled trials. *Circulation* 88(2):523-533 (1993)
5. Howe PR. Dietary fats and hypertension. *Focus on fish oil. Ann NY Acad Sci* 827:339-352 (1997)
6. Morris MC, et al, The effect of fish oil on blood pressure in mild hypertensive subjects: a randomized crossover trial. *Am J Clin Nutr* 57(1):59-64 (1993)
7. Knapp HR, FitzGerald GA. The antihypertensive effects of fish oil. A controlled study of polyunsaturated fatty acid supplements in essential hypertension. *J Engl J Med* 320(16):1037-1043 (1989)
8. Bonaa, KH, et al, Effect of eicosapentaenoic and docosahexaenoic acids on blood pressure in hypertension. A population-based intervention trial from the Tromso study. *N Engl J Med* 322(12):795-801 (1990)
9. Chan JK, et al, Dietary alpha-linolenic acid is as effective as oleic acid and linoleic acid in lowering blood cholesterol in normolipidemic men. *Am J Clin Nutr* 53(5):1230-1234 (1991)
10. Harris WS, et al, Dietary omega-3 fatty acids prevent carbohydrate-induced hypertriglyceridemia. *Metabolism* 33(11):1016-1019 (1984)
11. Nestel PJ. Fish oil attenuates the cholesterol induced rise in lipoprotein cholesterol. *Am J Clin Nutr* 43(5):752-757 (1986)
12. Tsai PJ, Lu SC. Fish oil lowers plasma lipid concentrations and increases the susceptibility of low density lipoprotein to oxidative modification in healthy men. *J Formos Med Assoc* 96(9):718-726 (1997)
13. Garrido A, et al, Ingestion of high doses of fish oil increases the susceptibility of cellular membranes to the induction of oxidative stress. *Lipids* 24(9):833-835 (1989)

14. Albert CM, Campos H, Stampfer MJ, et al. Blood levels of longchain n-3 fatty acids and the risk of sudden death. *N Engl J Med* 2002;346:1113-1118.

15. Sellmayer A, Witzgall H, Lorez RL, Weber PC. Effects of dietary fish oil on ventricular premature complexes. *Am J Cardiol.* 1995; 76:974.

16. He K, Rimm E, Merchant A, et al. Fish consumption and risk of stroke in men. *The Journal of the American Medical Association* 2002; 288:3130-3136.

17. Nestel P et al. The n-fatty acids eicosapentaenoic acid and docosahexaenoic acid increase systemic arterial compliance in humans. *Am J Clin Nutr*, 76, 2:326-30,2002. *Nature Med.* 2003 Mar;9(3):294-9. *Diabetes Care.* 2006 Sep;29(9):2064-71. Schnyder G, Roffi M, Pin R, et al. *N Engl J Med.* 2001; 345:1593-1600.

Supplement Facts

Serving Size: 1 Softgel Servings Per Container: 120

Amount Per Serving	% DV*	
Calories	15	
Total Fat	1.5 g	2%
Polyunsaturated Fat	1 g	**
Cholesterol	<5 mg	<2%
Omega-3 Fatty Acids	800 mg	**
EPA (Eicosapentaenoic Acid)	430 mg	**
DHA (Docosahexaenoic Acid)	290 mg	**
Additional Omega-3 Fatty Acids	80 mg	**

* Daily Values are based on a 2,000 calorie diet.

** Daily Value not established

Ingredients: Highly refined and concentrated omega-3 fish oil (anchovy, sardine, mackerel), capsule shell (gelatin, glycerin, purified water), natural lemon/lime flavor, rosemary extract, and ascorbyl palmitate

Contains: fish (anchovy, sardine, mackerel)

Free of: milk, egg, peanuts, crustacean shellfish, tree nuts, wheat, yeast and gluten. Free of ingredients derived from GMOs.

Suggested Use: Take 1 softgel once or twice daily as a dietary supplement, preferably with a meal, or as directed by your health practitioner. Store in a cool, dry place.

Caution: Consult with your health practitioner before using this product if you use blood thinners or anticipate surgery. If you are pregnant, nursing, or taking any medications, consult your health practitioner before use. Discontinue use and consult health practitioner if any adverse reactions occur. **Keep out of reach of children.**

Purity Certified: Omega 800 ultra-pure triglyceride form is molecularly distilled and third party tested for a full range of environmental toxins, including heavy metals, dioxins and PCBs.

 eurofins

Gluten Free

Non-GMO

Softgels

The statements in this document have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

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