

# Physician is Awarded U.S. Patent for Nutritional Treatment of Dry Eye Syndrome

■ Dr. Paul Krawitz, President and Founder of Vitamin Science Inc. was awarded U.S. Patent No. 7,638,142 on December 29, 2009 for his Therapeutic Composition for the Treatment of Dry Eye Syndrome.

**D**r. Paul Krawitz, President and Founder of Vitamin Science Inc. was awarded United States Patent 7,638,142 for his Therapeutic Composition for the Treatment of Dry Eye Syndrome.

Vitamin Science, Inc. manufactures Dry Eye Relief®, an oral nutritional supplement that combines several synergistic ingredients and which has undergone explosive growth in sales from the web site, VisiVite.Com.

“Dry Eye Relief is the only nutritional supplement currently on the market that treats the myriad of issues that arise with dry eye syndrome,” said Dr. Krawitz. “It not only addresses the issue of lacrimal gland inflammation, but in addition, supplements the healthy chemistry of each of the tear film layers.”

Dry Eye Relief is manufactured on Long Island, New York in their GMP (Good Manufacturing Practices) Certified laboratory, using United States - based ingredients chosen for their purity and safety profiles.

“It is not just the efficacy, but the quality that is critical to our success,” said Dr. Krawitz. “Every manufacturing lot of every VisiVite product, including Dry Eye Relief, is tested for purity and potency. As a physician, it is important to me that each of our products is not only effective, but that it be well tolerated and not interact with other medications or health issues.”

Dry Eye Syndrome is a common condition that causes burning, redness, sensitivity to light and peculiarly,



frequently excess tearing. It is a common condition in adults, more frequently in females, and can exist on its own or may be a result of systemic diseases, such as Rheumatoid arthritis, Sarcoidosis or Sjogren's Syndrome.

It is also prevalent in younger patients who use contact lenses or who have undergone laser vision correction (Lasik).

Treatment of Dry Eye Syndrome includes lubricating eyedrops, punctal plugs and prescription cyclosporine eyedrops. Increasingly, doctors are recognizing the benefits of targeted nutritional supplements to treat dry eye disease.

Dr. Krawitz explained how Dry Eye Relief differs from other products on the market, and how its unique formula earned it a United States patent.

“Most dry eye supplements focus only on Omega-3 essential fatty acids that are lacking or deficient in our diet. Certainly, these are important, as they naturally fight inflammation

in the tear gland – inflammation that reduces tear production. However, the Omega-3's only address the salt water component of the tear film, and in actuality, there are two additional layers which, if neglected, continue to cause dry eye symptoms. Mucin is the internal layer, which allows the tear film to adhere to the external ocular surface. And phytosterols, known to be of benefit in such products as heart-healthy margarines, are the predominant component of the external oily layer manufactured by the Meibomian glands. This external layer acts as a 'vapor barrier' to retard the evaporation of the salt water tears.”

The tear film, thus consisting of the chemically dissimilar layers of mucin, salt water, and phytosterols, is unstable. In fact, the aqueous and oily layers, like oil and water, tend to repel each other.

“Phospholipids,” Dr. Krawitz explained, “which are long molecules with one end that resides in the salt water and the other end in the oily layer, form a 'lock and key' to allow these disparate layers to peacefully coexist. That is why the formula is called, Dry Eye Relief Tear Stabilization Formula.

Dry Eye Relief is sold at VisiVite.Com, Vision-Nutrition.Com, BestEyeVitamins.Com, Amazon.Com, and participating nutritional supplement stores and doctor offices. Wholesale accounts with a business tax ID number are welcomed.

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