DESCRIPTION

HydroEye® is a unique, patented oral formulation that helps provide relief for dry eyes. Its proprietary blend of key nutrients works to produce a healthy tear film and support ocular surface health.

HYDROEYE HIGHLIGHTS

- Clinically tested and found to improve dry eye symptoms, keep inflammation at bay and maintain corneal smoothness
- Offers relief for dry eyes with a proprietary blend of GLA and other omega fatty acids, plus nutrients involved in fatty acid metabolism, such as vitamins A, C and E*
- Features black currant seed oil and highest quality, ultra-pure fish oil
- Promotes long-lasting relief with continued use; results typically experienced within 30-60 days
- Manufactured in NSF®-certified facilities from the finest quality, bioavailable ingredients
- Four softgels taken orally per day

* HydroEye can be appropriately combined with any other ScienceBased Health product

WHAT IS DRY EYE?

In dry eye syndrome, the eye’s conjunctiva and cornea are chronically dry due to inadequate tear fluid or excessive tear loss. People with dry eye frequently experience itching, burning or gritty sensations. Some also notice a flood of tears after eye irritation. Reading, working on the computer, driving or watching TV for long periods can aggravate these symptoms.

Factors such as low humidity, air travel, heating or air conditioning, and contact lens wear can also contribute to dry eye. In addition to discomfort, dry eye can reduce visual function during everyday activities such as reading or driving¹, and can even lead to corneal damage if left untreated.

CAUSES OF DRY EYE

The ocular surface, along with the main tear gland and the nerves connecting them, are considered a functional unit. The cornea, conjunctiva, accessory tear (lacrimal) glands, and oil secreting (meibomian) glands are all considered part of the ocular surface system. When any one of these is compromised, ocular surface support can be impaired².

Aging and the loss of hormones after menopause, for example, can disrupt ocular surface support and promote dry eye. In Sjögren’s syndrome, damage to the lacrimal gland causes diminished tear formation and dry eye. Conditions such as rosacea can affect the oil producing glands, causing tears to evaporate more readily. Dry eye can also follow surgical procedures such as LASIK and PRK³.

PRO- & ANTI-INFLAMMATORY FATS

Dietary fatty acids are stored in cell membranes. With injury or insult, some of these fatty acids can be mobilized and transformed into prostaglandins, small hormone-like compounds that help regulate a variety of processes in the body, including inflammation.

Although the causes of dry eye are varied, chronic inflammation is a common underlying and critical factor in dry eye disease⁴. Some members of the omega-6 and omega-3 families of fatty acids serve as building blocks for anti-inflammatory prostaglandins. Certain fatty acids can be converted in the body to anti-inflammatory prostaglandins (PGE1 and PGE3). These anti-inflammatory fats include gamma-linolenic acid (GLA) of the omega-6 family, as well as eicosapentaenoic (EPA), docosahexaenoic (DHA) and alpha-linolenic (ALA) acids of the omega-3 family. The balanced blend of omega fatty acids in HydroEye bolster the body’s ability to quell inflammation.

CLINICALLY TESTED, SAFE & EFFECTIVE

Researchers conducted a multi-center, randomized, controlled trial, evaluating the effects of HydroEye in postmenopausal women with dry eye (moderate-to-severe KCS) over a 6-month period⁵. Compared to those in the placebo group, participants receiving HydroEye had significant improvements in irritation symptoms, lower levels of inflammation and a smoother corneal surface, which correlates with quality of vision. Compliance was good and no safety issues were noted in this trial. To learn more, visit: SBH.com/HydroEyeTrial.

RATIONAL FOR KEY INGREDIENTS

Omega Fatty Acids: GLA (235 mg), EPA (100 mg) and DHA (70 mg) from Fish Oil

HydroEye combines the unique omega-6 fatty acid, GLA from black currant seed oil (also providing ALA), with EPA and DHA from ultra-pure, pharmaceutical grade fish oil. Pairing balanced amounts of GLA and these other omega fats has been shown to help block formation of pro-inflammatory prostaglandins⁶ while stimulating production of the anti-inflammatory kind. Their complimentary actions enhance the ability of HydroEye to help manage dry eye disease. Clinical findings⁷ indicate that HydroEye positively impacts dry eye by providing symptom relief, halting the progression of inflammation and maintaining corneal smoothness. Results from previous studies lend credence to these findings:
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