



PADEN EYE CARE CENTER

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Clinical Experiences with Nature's Tears EyeMist

Philip Y. Paden, MD

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1- What makes the delivery unique? And why/how is it different from eye drops?

Misting micron-sized droplets of essentially pure water into the tear film allows us to replace evaporated water in a precise way, without washing away the existing tear film and losing the mucin, the lipid layer and all the beneficial proteins (antibodies, enzymes, growth factors, etc.). A conventional eye drop, on the other hand, replaces the entire tear film with a solution containing none of these protective substances.

The Following is a summary of my clinical experience with this product making it clear that it often complements eye drops and does not replace them. Many patients use eye drops with mist application in between. This can offer the maximum comfort and convenience in treating dry eye symptoms.

I have given a sample of Nature's Tears EyeMist, from Bio-Logic Aqua Technologies, to 10 to 15 patients a day for the last nine years. All these patients had come to my ophthalmology office with complaints of dry, burning or irritated eyes and/or blurring or tearing while reading or using computers. The mist was given out along with a sample of artificial tear drops from various manufacturers. I am an enthusiastic investor in, and Medical Director of, Bio-Logic Aqua Technologies because of the feedback from these patients.

To understand this feedback, one must realize that when addressing the very common complaints of burning, blurring, tearing, and irritated eyes, we are primarily treating subjective patient complaints and not objective ocular surface disease. These complaints are often the only reason that the patient called for an appointment.

All patients were given a sample of artificial tear drops with their mist sample and many had tried one of more conventional products in the past, so much of the feedback was in comparison to the myriad of other products on the market. The most remarkable result of this informal sampling survey was patient enthusiasm. Feedback on all other drop, ointment, eyewash and nutritional supplement products for dry eye has always been lukewarm at best: "Better than nothing," "helps for a little while," "or "doesn't help." Nature's Tears EyeMist inspired such comments as, "I love that stuff" or "it's better than all the other products".

Philip Y. Paden, MD
Board-Certified
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Contributing to this patient enthusiasm is the absence of burning, stinging, and blurring. All chemically compounded artificial tears cause these problems in certain patients due to the thickening polymers and chemical nature of these products. Because Natures Tears Eye Mist is not a compounded product and contains only water, water pure enough to serve as a superior base for tissue culture media, this product cannot and does not cause burning, stinging, and blurring.

Prior to the introduction of this product, I never had an enthusiastic response to any dry eye product. Ophthalmologists and optometrists had been hoping for a better product because these unhappy patients are a several times a day reality in our practices.

Besides patient enthusiasm for the relief of symptoms offered by the mist, convenience of administration must be considered. One cannot safely instill artificial tear drops while driving on a busy freeway but misting in this situation is easy and not dangerous. None of the drops or ointment products offers the possibility of frequent, convenient dosing, and frequent dosing is the key to relief in many patients.

Please note that Nature's Tears EyeMist was offered to patients in addition to conventional products, not as a sole alternative. Many patients ultimately used both drops and mist in a way that maximized their relief. The polymer or gum component in drops results in a longer duration of relief and the mist is quick, easy and effective between drops. I have found that Nature's Tears EyeMist is an important complement to, and not a replacement for the other products on the market.

Experience with this product will show that while there are a few patients who can't or won't mist their eyes, the enthusiastic response of many others demonstrates that the market potential for Nature's Tears EyeMist is huge. No other product generates so much patient enthusiasm and no other product is as frequently described as "the most effective product available."

Philip Paden, M.D.