As an optometrist previously serving in the United States Air Force, my aim was “to ensure our airmen are able to achieve ideal vision.” Having later worked in a private practice and now as a university educator, I have this same goal for all of my patients, whether a pilot flying a combat air patrol mission or a mom driving her precious cargo to a play date. Not only should contact lenses provide excellent visual acuity, they must also be comfortable throughout the day. I therefore recommend for most of my patients the daily wear of DAILIES AquaComfort Plus® contact lenses.

Living in a Digital World

Daily disposable contact lenses are an excellent choice for vision correction for many of my patients. However, one drawback is that contact lenses can disrupt the tear film when placed on the surface of the eye, which in turn can increase the risk of dryness and discomfort. Moreover, computers are an ever-growing part of our daily lives, and the more people stare at digital devices—from the control panel of an F16 fighter jet to the latest app on a smart phone—the more they experience reductions in blink rates and destabilization of the tear film. One solution for addressing these multiple challenges is the DAILIES AquaComfort Plus® Family of Lenses.

The DAILIES AquaComfort Plus® Family of Lenses

How does this technology work? DAILIES AquaComfort Plus® contact lenses are made from a hydrogel polymer that contains the moisturizer polyvinyl alcohol (PVA). What is remarkable about this material is that some of the PVA molecules are not bound within the structural matrix of the lens, allowing for sustained release over the surface of the eye every time a patient blinks (Figure 1). Another important quality of this material, particularly for younger patients and new wearers, is that it provides “built-in compliance”; discomfort becomes obvious if a patient tries to wear DAILIES AquaComfort Plus® lenses for longer than the recommended period, encouraging daily replacement. It’s reassuring to know a 2009 study showed that more than 90% of patients wearing DAILIES AquaComfort Plus® lenses are compliant with the recommended replacement frequency.

Overall, DAILIES AquaComfort Plus® contact lenses have been found to support better stability of the tear film compared with other leading brands of lenses. These results, combined with my own clinical experience, have led me to select DAILIES AquaComfort Plus® contact lenses as the first choice of vision correction for many of my patients, especially new and younger wearers. While these patients may not need to meet the rigorous vision requirements of the Air Force, they all deserve optical care that helps them see, look and feel their best.

AquaComfort Plus® family of lenses, which incorporate a proprietary blink-activated moisture technology to help support the stability of the tear film.

References