

AIR OPTIX® PLUS HYDRAGLYDE® CONTACT LENSES AND HYDRAGLYDE® LENS CARE*: GREAT COMFORT AND VISION FOR DIGITALLY CONNECTED STUDENTS AND YOUNG PROFESSIONALS



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One of my patients, a 20-something nurse who works long hours in a cool, dry assisted living facility, complained to me that, long before the end of her shift, her contact lenses grow too uncomfortable to continue wearing. I asked if she wanted to switch to daily disposables, but she preferred to continue with a monthly replacement schedule, having worn monthly replacement lenses most of her life. Another patient—a 17-year-old young man new to contact lenses—only stopped using his smartphone long enough for me to examine his eyes, telling me he needed to finish his homework before basketball practice later that evening. When I asked how much time he spent using the phone each day, he barely hesitated before telling me, “Almost all the time, except during practice.”

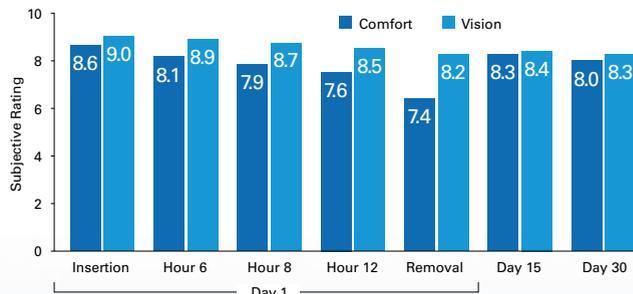
I often hear of similar patient experiences. A large percentage of my patients are students and young professionals who lead very active lives, often involving intense, prolonged concentration on digital devices, long hours working or studying, extra-curricular sports/exercise, and full social schedules. Demanding visual activities, though, can stress the contact-lens-wearing eye by destabilizing the tear film, which in turn can contribute to contact-lens-related dryness and discomfort.¹ My nurse patient was already complaining of limited comfortable wear time, and I knew that the student’s digital device use could lead to a poor experience if not in the right lenses. Both cost-conscious patients wanted a monthly replacement lens that provides exceptional comfort and vision throughout the day, each day for the full wearing period.

The solution for both was AIR OPTIX® plus HydraGlyde® contact lenses, my go-to choice for patients who prefer a monthly-replacement schedule. These lenses incorporate two unique technologies—SmartShield® for excellent deposit resistance^{2,4} and the HydraGlyde® Moisture Matrix wetting agent—into one outstanding lens. AIR OPTIX® plus HydraGlyde® contact lenses have demonstrated excellent lens-surface wettability and tear film stability in laboratory and clinical studies.⁴⁻⁸

Additionally, HydraGlyde® Moisture Matrix technology is also found in CLEAR CARE® PLUS Cleaning & Disinfecting Solution and OPTI-FREE® PureMoist® Multi-Purpose Disinfecting Solution. Using either of these solutions daily can maintain the lens surface-moisture benefits of AIR OPTIX® plus HydraGlyde® contact lenses⁵⁻⁸—

supporting outstanding comfort and excellent vision from Day 1 to Day 30 (Figure 1).⁹ And the nurse, who needed more comfortable wear time during her long work shifts, was pleased to hear that these HydraGlyde®-containing lens care solutions increased hours of comfortable wear in symptomatic AIR OPTIX® lens wearers, compared to habitual multipurpose solutions.⁹⁻¹¹

Figure 1: Average subjective comfort and vision ratings of AIR OPTIX® plus HydraGlyde® contact lenses*
(1=poor, 10=excellent; n = 75)⁹



Patient preference plays a strong role in lens choice, and in another recent survey, 4X as many patients preferred AIR OPTIX® plus HydraGlyde® versus their habitual lenses after trying them for 1 month.^{12†} Since the cost of premium daily disposable lenses may be prohibitive to cost-conscious patients like students and young professionals, the trick is to find a monthly replacement lens that can offer them that “Wow!” factor. For my patients, that monthly replacement lens is AIR OPTIX® plus HydraGlyde®. With excellent lens surface wettability supporting outstanding tear film stability,^{4,8} AIR OPTIX® plus HydraGlyde® lenses—paired with daily use of either CLEAR CARE® PLUS Cleaning & Disinfecting Solution or OPTI-FREE® PureMoist® Multi-Purpose Disinfecting Solution—offer my young, digitally connected patients month-long comfort and vision that keeps up with their active lifestyles,⁹ helping them to see, look and feel their best!



† The surveyed patients used OPTI-FREE® PureMoist® or CLEAR CARE® Plus with HydraGlyde® lens care solutions throughout the survey period.

*AIR OPTIX® plus HydraGlyde® lenses cleaned and disinfected daily with either CLEAR CARE® PLUS Cleaning & Disinfecting Solution or OPTI-FREE® PureMoist® Multi-Purpose Disinfecting Solution.

Important information for AIR OPTIX® plus HydraGlyde® (lotrafilcon B) contact lenses: For daily wear or extended wear up to 6 nights for near/far-sightedness, presbyopia and/or astigmatism. Risk of serious eye problems (i.e., corneal ulcer) is greater for extended wear. In rare cases, loss of vision may result. Side effects like discomfort, mild burning or stinging may occur.

References 1. Nichols JJ, Willcox MD, Bron AJ, et al; members of the TFOS International Workshop on Contact Lens Discomfort. The TFOS International Workshop on Contact Lens Discomfort: executive summary. *Invest Ophthalmol Vis Sci.* 2013;54:TFOS7-TFOS13. 2. Nash W, Gabriel M. Ex vivo analysis of cholesterol deposition for commercially available silicone hydrogel contact lenses using a fluorometric enzymatic assay. *Eye Contact Lens.* 2014;40:277-282. 3. Nash W, Gabriel M, Mowrey-McKee. A comparison of various silicone hydrogel lenses; lipid and protein deposition as a result of daily wear. *Optom Vis Sci.* 2010;87:E-abstract 105110. 4. Lemp J, Kern J. On-eye performance of lotrafilcon B lenses packaged with a substantive wetting agent. Poster presented at Optometry’s Meeting, the Annual Meeting of the American Optometric Association; June 21-25, 2017; Washington, D.C. 5. Lemp J, Muya L, Driver-Scott A, Alvord L. A comparison of two methods for assessing wetting substantivity. Poster presented at: 2016 Global Specialty Lens Symposium (GSLs); January 21-24, 2016; Las Vegas, NV. 6. Marx S, Sickenberger W. Wettability of different silicone hydrogel lens materials and blister solutions measured using non-invasive keratographic drying up time (NIK-DUT). *Optom Vis Sci.* 2016;93:E-abstract 165113. 7. Tucker R, Lemp J, Guillon M. In vitro and on eye wettability of lotrafilcon B lenses packaged with a substantive wetting agent. *Invest Ophthalmol Vis Sci.* 2017;58:ARVO E-Abstract 3070. 8. Alcon data on file, 2017. 9. Garofalo R, Lemp J. Clinical trial experience with OPTI-FREE PUREMOIST MPDS. *Contact Lens Spectrum.* 2011; 26:Part SPI 44-48. 10. Alcon data on file, 2011. 11. Alcon data on file, 2016. 12. Merchea M, Matthew J, Mack C. Assessing satisfaction with lotrafilcon B packaged with an EOBO wetting agent combined with EOBO-based lens care solutions. Poster presented at American Academy of Optometry annual meeting, 11-14 October 2017; Chicago, IL. Poster 143.