## REFERENCES

- 1. Online consumer survey of 1,010 current contact lens wearers carried out by MarketVision in December 2021 (France n=200, Germany n=199, Italy n=209, Australia n=200 and South Korea n=202).
- 2. Nichols JJ, Wilcox MOP, Bron AJ, et al. TFOS International Workshop on Contact Lens Discomfort: Executive Summary. Invest Ophthalmol Vis Sci. 2013;54:TFOS7-TFOS13.
- 3. Thekveli S, Qui Y, Kapoor Y, et al. Structure-property relationship of delefilcon A lenses. Contact Lens Anterior Eye. 2012;35(Suppl 1):e14.
- 4. Angelini TE, Nixon RM, Dunn AC, et al. Viscoelasticity and mesh-size at the surface of hydrogels characterized with microrheology. Invest Ophthalmol Vis Sci. 2013;54:E-abstract 500.
- 5. Alcon data on file, 2019.
- 6. In vitro analysis of lens oxygen permeability, water content, and surface imaging; Alcon data on file, 2021.
- 7. In vitro analysis of lehfilcon A contact lenses outermost surface softness and correlation with water content; Alcon data on file, 2021.
- Johnson & Johnson Vision Care Professional website. ACUVUE<sup>A</sup> OASYS 1-DAY contact lenses. https://www.jnjvisionpro.com/products/acuvue-oasys-1-day-hydraluxe-technology. Accessed November 17, 2021.
- 9. Johnson & Johnson Vision Care Professional website. 1-DAY ACUVUE<sup>A</sup> OASYS MOIST contact lenses. https://www.jnjvisionpro.com/products/1-day-acuvue-moist. Accessed November 17, 2021.
- 10. Bausch + Lomb INFUSE^ product page. https://www.bauschinfuse.com/ecp/?gclid=EAIaIQobChMI5u3x9uL58QIV3h6tBh0b7gKHEAAYBCAAE gJWgvD\_BwE. Accessed November 17, 2021.
- 11. Bausch + Lomb Biotrue<sup>^</sup> ONEday product page. https://www.bausch.com/ecp/our-products/contactlenses/myopiahyperopia/biotrue-oneday-contact-lenses. Accessed November 17, 2021.
- 12. CooperVision Practitioner website. MyDay<sup>^</sup> contact lenses. https://coopervision.com/practitioner/ourproducts/myday/myday. Accessed November 17, 2021.
- 13. CooperVision Practitioner website. clariti 1 day<sup>^</sup> contact lenses. https://coopervision.com/practitioner/our-products/clariti-1-day-family/clariti-1-day. AccessedNovember 17, 2021.
- 14. Johnson & Johnson Vision Care Professional website. ACUVUE^ VITA contact lenses. https://www.jnjvisionpro.com/products/acuvue-vita. Accessed November 17, 2021.
- 15. CooperVision Practitioner website. Biofinity<sup>^</sup> contact lenses. https://coopervision.com/practitioner/ourproducts/biofinity-family/biofinity-biofinity-xr. Accessed November 17, 2021.
- 16. Bausch + Lomb ULTRA product page. https://www.expectultracomfort.com/ecp/products/spherical. Accessed November 17, 2021.
- 17. Alcon data on file, 2019.
- 18. Alcon data on file, 2019.
- 19. Alcon data on file, 2020.
- 20. Alcon data on file, 2018.
- 21. Alcon data on file. 2021.
- 22. Alcon data on file, 2013.
- 23. Alcon data on file, 2015.
- 24. Alcon data on file, 2011.
- 25. Surface lubricity testing of lehfilcon A and commercial lenses using nano-tribometer; Alcon data on file, 2020.
- 26. Alcon data on file, 2020.
- 27. Laboratory analysis of surface modulus of lehfilcon A and commercial lenses using atomic force microscope; Alcon data on file, 2020.

- 28. Perez-Gomez I, Giles T. European survey of contact lens wearers and eye care professionals on satisfaction with a new water gradient disposable contact lens. Clin Optom. 2014;6:17-23
- 29. T, Nixon R, Dunn A, et al. Viscoelasticity and mesh-size at the surface of hydrogels characterized with microheology. *Invest Ophthalmol Vis Sci. 2013;54:E-Abstract 500.*
- 30. Based on published manufacturer-provided Dk and thickness values in Tyler's Quarterly Soft Contact Lens Parameter Guide, June 2020.
- 31. Pitt WG, Jack DR, Zhao Y, Nelson JL, Prui JD. Loading and release of a phospholipid from contact lenses. Optom Vis Sci. 2011;88(4):502-506.
- 32. In vitro analysis of lehfilcon A contact lenses outermost surface softness and correlation with water content; Alcon data on file, 2021.
- 33. In vitro analysis of lens oxygen permeability, water content, and surface imaging; Alcon data on file, 2021.
- 34. Shi X, Cantu-Crouch D, Sharma V, et al. Surface characterization of a silicone hydrogel contact lens having bioinspired 2-methacryloyloxyethyl phosphorylcholine polymer layer in hydrated state. Colloids Surf B: Biointerfaces. March 2021;199:111539.
- 35. In a clinical study wherein patients (n=66) used AOSEPT® solution, Alcon data on file, 2021.
- 36. Surface property analysis of lehfilcon A lenses out of pack and after 30 days of wear; Alcon data on file, 2020.
- 37. Surface observations of lehfilcon A contact lens and human cornea; Alcon data on file, 2020.
- Ishihara K, Fukazawa K, Sharma V, Liang S, et al. Antifouling silicone hydrogel contact lenses with a bioinspired 2-methacryloyloxyethyl phosphorylcholine polymer surface. ACS Omega. 2021;6:7058-7067.
- 39. In vitro evaluation of bacterial adherence in commercial lenses: Alcon data on file, 2020.
- 40. In vitro evaluation of bacterial biofilm in commercial lenses: Alcon data on file, 2020.
- 41. In vitro evaluation of lipid deposition for lehfilcon A and commercial lenses using 3D confocal imaging; Alcon data on file, 2021.
- 42. Heinrich C, et. al. Subjective performance of verofilcon A daily disposable soft contact lens after 16 hours of wear. Poster presented at: The American Academy of Optometry Meeting, Boston MA. November 4, 2021.
- 43. Fogt J, Patton K. Long day wear experience with water surface daily disposable contact lenses. Clinical Optometry. 2022(14):93-99.
- 44. Hines B, et. al. Clinical subjective performance of two daily disposable toric soft contact lenses. Poster presented at: American Optometric Association, Chicago. June 15-18, 2022.
- 45. Alcon data on file, 2018
- 46. Cummings S, Giedd B, Pearson C. Clinical performance of a new daily disposable spherical contact lens. Optom Vis Sci. 2019;96:Eabstract 195375