

TECNIS Symfony[™] OptiBlue[™] IOLs build upon the benefits of the TECNIS[™] platform to meet patients' needs¹

TECNIS Sym*f*ony[™] OptiBlue[™] IOLs are built on the strength of the TECNIS[™] platform

Correction of spherical aberration to virtually zero, resulting in **sharp quality** of vision² Low induction of chromatic aberration and high image contrast, day and night³ Observe less capsular phimosis to minimize decreased vision and IOL decentration⁴

TECNIS[™] IOLs are not associated with glistenings⁵

Powered by InteliLight[™], an innovative combination of three proprietary technologies^{*}



Johnson & Johnson vision

Symfony™ OptiBlue[™] IOL Powered by InteliLight™

™ IOL Toric II Powered by **InteliLight**™

Svm+on

Powered by InteliLight[™], the TECNIS Sym*f*ony[™] OptiBlue[™] IOL is the next generation in clarity and sharpness^{5,15}

Older adults lead active lifestyles, which may necessitate a variety of visual needs:16,17



* Artist rendition based on TECNIS Symfony OptiBlue MOA (Mechanism of Action) Video – EMEA 2021 (PP2021CT5311). † Compared with TECNIS Symfony IOLs without violet-light filter.

TECNIS Symfony[™] OptiBlue[™] IOLs are designed to mitigate dysphotopsias to provide high-quality vision^{1,7}

TECNIS Sym*f*ony[™] OptiBlue[™] IOLs deliver high image contrast, day and night^{14,21}

Image contrast provided by TECNIS Symfony[™] OptiBlue[™] IOLs was more than 1.5x better than with AcrySof[™] IQ Vivity[™] and comparable to TECNIS[™] Monofocal 1-Piece IOL^{*14,22,23}



* Based on bench testing of the modulation transfer function (MTF), which has been measured for a set of lens models, in a similar manner, using the Average Cornea Eye (ACE) model in white light. The ACE model is designed to simulate the spherical and chromatic aberration of the average natural human cornea.¹⁴

TECNIS Symfony[™] OptiBlue[™] IOLs provide superior performance across every distance compared with AcrySof[™] IQ Vivity^{™ 115,28}



 Mean visual acuity of ~20/32 or better from infinity to <20 inches may allow patients to seamlessly move between different activities¹⁵
~29% more AUC above 0.2 LogMAR (~20/32 Snellen) compared with AcrySof[™] IQ Vivity^{™§15,28}

Tolerance to post-op refractive errors due to a large landing zone is a key factor for high patient satisfaction^{15,29}

[†] Based on comparison of defocus curves; not a head-to-head study. Note that **TECNIS Symfony**^w **OptiBlue**^w IOL provides equivalent range of vision and tolerance to **TECNIS Symfony**^w IOL.³⁰ [‡] Direct comparisons of defocus curves provide a detailed comparison of visual acuity at every level of defocus.^{§31,32} The AUC metric provides an overview of visual range, accounting for the level of visual acuity within the range as well as the range itself. It represents the subjective experience better than intermediate and near visual acuities alone.³²

3

TECNIS Symfony[™] IOL technology delivers continuous vision across the entire range¹

Image contrast performance (day and night)*14,22,23

TECNIS Symfony™

OptiBlue^{™ 15}

TECNIS Sym*f*ony[™] OptiBlue[™] IOLs may provide value



* Based on data from 200 eyes after 3 months postoperative follow-up in a postmarket prospective, multicenter, single-arm, open-label study of the **TECNIS**TM Toric II 1-Piece IOL conducted in the US. Outcomes differ from the pivotal investigation data in the product labeling and were collected using different measurement methods, study design and clinical conditions.

When choosing an IOL, consider the quality of the patient's vision for life

References

REFERENCES:

- 1. TECNIS Symfony™ OptiBlue™ IOL with TECNIS Simplicity™ Delivery System, Models DXR00V/DXW150-375 DfU INT Z311520P, Rev. A, May 2021. REF2021CT4162.
- 2. Piers P, et al. Use of adaptive optics to determine the optimal ocular spherical aberration. J Cataract Refract Surg 2007;33:1721-1726. REF2014CT0360
- 3. DOF2018OTH4004 Koopman B, Alarcon A. TECNIS Eyhance™ and monofocal competitor IOLs MTF data. 7 Sep 2018.
- 4. Kahraman G, et al. Intraindividual comparison of capsule behavior of 2 hydrophobic acrylic intraocular lenses during a 5-year follow-up. J Cataract Refract Surg 2017;43(2):228-233. REF2018CT4047.
- Data on File 150 Sensar not associated with glistenings Literature analysis. REF2014OTH0002.
- 6. Canovas C, et al. Optical and Visual performance of violet blocking intraocular lenses. Invest Ophthalmol Vis Sci 2019;60(9):3717-3717. REF2019CT4238.
- 7. DOF2020CT4011 van der Mooren M. Effect of blocking violet light on light scatter in TECNIS Symfony™ IOLs (v1.0). 7 Jan 2021.
- 8. Puell MC, Palomo-Alvarez. Effects of Light Scatter and Blur on Low-Contrast Vision and Disk Halo Size. Optom Vis Sci 2017;94(4):505-510. REF2019CT4288.
- 9. DOF2020OTH4005 Comparison of Dysphotopsia Profiles Between Violet Light-Filtering and Non-Violet Light-Filtering IOL Models. 25 Sep 2020.
- 10. DOF2019CT4010 Rosén R. Scotopic halo and MTF violet blocking. 26 June 2019.
- 11. Mainster MA. Violet and blue light blocking intraocular lenses: photoprotection versus photoreception. Br J Ophthalmol 2006;90(6):784-792. REF2014MLT0013.
- 12. Cuthbertson FM, et al. Blue light-filtering intraocular lenses: review of potential benefits and side effects. J Cataract Refract Surg 209;35(7):1281-1297. REF2019CT4242.
- 13. DOF2014CT0003 Weeber H. Chromatic aberration of the TECNIS Symfony™ IOL. Aug 11, 2014.
- 14. DOF20200TH4010 Weeber H. MTF of **TECNIS Symfony™ OptiBlue™** lenses. 8 Oct 2020.
- 15. DOF20200TH4004 Clinical Investigation of the Safety and Effectiveness of the Next Generation TECNIS Symfony™ IOL Sonata POC Objective Results. 29 Jan 2020.
- 16. Szanton SL, et al. Older adults' favorite activities are resoundingly active: findings from the NHATS study. Geriatr Nurs 2015;36(2):131-135. REF2021OTH4024.
- 17. Grzybowski A, et al. Methods for evaluating quality of life and vision in patients undergoing lens refractive surgery. Graefes Arch Clin Exp Ophthalmol 2019;257:1091-1099. REF2021CT4246.
- 18. Fisus AD, et al. The prevalence of dysphotopsia in patients with recent cataract surgery. Acta Medica Marisiensis 2017;63:15-18. REF2021OTH4026.
- 19. Chang D, et al. Violet and Blue Light: Impact of High-Energy Light on Vision and Health. J Ophthalmic Stud 2020;3(2): dx.doi.org/10.16966/2639-152X.119. REF2021CT4248.
- 20. Faria-Ribeiro M, et al. Effect of blocking violet light in extended depth of focus intraocular lenses. Invest Ophthalmol Vis Sci 2020;61(7):586. REF2021CT4249.
- 21. DOF2018CT4007 Weeber H. Chromatic aberration of the TECNIS Symfony™ IOL. May 24, 2018.
- 22. DOF2020OTH4011 Weeber H. MTF of Vivity lenses. 8 Oct 2020.
- 23. DOF2015CT0020 Weeber H. MTF of the TECNIS Symfony™ IOL, and other lens models. 29 June 2015.
- 24. Silvestre D, et al. Healthy Aging Impairs Photon Absorption Efficiency of Cones. Invest Ophthalmol Vis Sci 2019;60(2):544-551. REF2021CT4130.
- 25. Saftari LN, Kwon OS. Ageing vision and falls: a review. J Physiol Anthropol 2018;37(1):11. REF2021CT4250.
- 26. Sandlin D, et al. Association between vision impairment and driving exposure in older adults aged 70 years and over: a population-based examination. Acta Ophthalmol 2014;92(3):e207-12. REF2021CT4251.
- 27. Owsley C, et al. Association of Photopic and Mesopic Contrast Sensitivity in older drivers with risk of motor vehicle collision using naturalistic driving data. *BMC Ophthalmol* 2020;20(1):47. REF2021CT4122.
- 28. AcrySof™ IQ Vivity™ Extended Vision Intraocular Lenses (IOLs) Models: DFT015, DFT315, DFT315, DFT515 DfU. REF20200TH4142.
- 29. Son HS, et al. Prospective comparative study of tolerance to refractive errors after implantation of extended depth of focus and monofocal intraocular lenses with identical aspheric platform in Korean population. *BMC Ophthalmol* 2019;19: 187. REF2020CT4003.
- 30. DOF2020CT4010 Effect of blocking violet light on image quality in TECNIS Symfony™ IOLs. 2020.
- 31. Plaza-Puche AB, Alio JL. Analysis of defocus curves of different modern multifocal intraocular lenses. Eur J Ophthalmol 2016;26(5):412-417. REF2021CT4119.
- 32. Buckhurst PJ, et al. Multifocal intraocular lens differentiation using defocus curves. Invest Ophthalmol Vis Sci 2012;53(7):3920-3926. REF2021CT4118.
- 33. Takaku R, et al. Influence of frosted haptics on rotational stability of toric intraocular lenses. Sci Rep 2021;11:15099. REF2021CT4212.
- 34. DOF2021CT4019 From Study NXGT-202-QROS: Clinical Investigation of Rotational Stability of the TECNIS™ TORIC II Intraocular Lens. 20 Aug. 2021.
- 35. Pineda R, et al. Economic evaluation of toric intraocular lens: a short- and long-term decision analytic model. Arch Ophthalmol 2010;128(7):834-840. REF2019CT4342.
- 36. Laurendeau C, et al. Modelling lifetime cost consequences of toric compared with standard IOLs in cataract surgery of astigmatic patients in four European countries. J Med Econ 2009;12(3):230-237. REF2019CT4353.

For healthcare professionals only. Please reference the Instructions for Use for a complete list of Indications and Important Safety Information and contact our specialists in case of any question.

PP2022CT4056

© Johnson & Johnson Surgical Vision, Inc. 2022

Johnson & Johnson vision

TECNIS Symfony™ OptiBlue™ IOL Powered by InteliLight™ TECNIS Symfony™ optiBlue™ IOL Toric II Powered by IntelliLight™