

# TECNIS®

## FAMILY OF IOLs PORTFOLIO FACT SHEET

Johnson & Johnson Vision's industry-leading<sup>1</sup> **TECNIS®** Family of IOLs offers a variety of options designed for different visual conditions and lifestyles. Our goal is to build IOLs that improve vision and help bring clear vision over time at different distances. As ophthalmic pioneers, Johnson & Johnson Vision is committed to advancing eye health and building on our heritage to bring innovation forward for patients with cataracts to meet their ever-changing needs.

### TECNIS® Family of IOLs

MONOFOCAL IOLs	PRESBYOPIA-CORRECTING IOLs	ASTIGMATISM-CORRECTING IOLs
<p>Monofocal IOLs are the most basic option. They help patients see far away; glasses are likely needed to focus on near objects.</p>	<p>Presbyopia is a progressive eye condition. If a patient has presbyopia as well as cataracts, there are presbyopia-correcting IOLs designed to help address both conditions at the same time.</p>	<p>Astigmatism occurs when the shape of an eye is more oblong than circular, which prevents a patient from focusing properly. Nearly 40% of patients with cataracts had astigmatism of more than 1.0 diopter.<sup>1</sup></p>
<p><b>TECNIS® Monofocal IOLs</b> TECNIS® Monofocal IOLs deliver excellent, high-quality distance vision from day to night.<sup>2</sup></p>	<p><b>TECNIS Synergy™ IOL*</b> TECNIS Synergy™ IOL creates a new standard in presbyopia-correcting intraocular lens (PC-IOL) technology, allowing patients to experience continuous high-contrast vision from far through near, even in low-light conditions.<sup>5-7</sup></p>	<p><b>TECNIS® Toric IOLs</b> TECNIS® Toric IOLs address astigmatism at the time of cataract surgery.<sup>18</sup> They are available in monofocal for distance vision and in extended depth of focus for continuous vision across the full range.<sup>13,18</sup></p>
<p><b>TECNIS Eyhance™ IOL*</b> TECNIS Eyhance™ IOL is a next-generation monofocal IOL that elevates expectations for the monofocal category by providing enhanced intermediate vision.<sup>3</sup> An important first for the monofocal IOL category, and the first breakthrough innovation in the category in two decades<sup>4</sup>, <b>TECNIS Eyhance™ IOL defies monofocal convention of 20/20.</b><sup>3</sup> Most monofocal lenses only correct vision to help patients with cataracts see things at a distance, and thus do not improve the intermediate vision that is required for many important daily tasks.</p> <ul style="list-style-type: none"> <li>• Delivers <b>significantly improved intermediate vision</b>, along with 20/20 distance vision<sup>3</sup></li> <li>• Offers a <b>breakthrough refractive design</b> that is progressive in power</li> <li>• <b>Low incidence</b> of halo, glare or starbursts (bright circles of light that surround headlights and other light sources)<sup>3</sup></li> </ul>	<p>The Johnson &amp; Johnson Vision R&amp;D team changed their approach to IOL development – designing the optimal defocus curve for clinical performance, then developing the technology to deliver against it.</p> <p>The result – a revolutionary lens with a nearly flat defocus curve that outperforms existing PC- IOLs on the market with:</p> <ul style="list-style-type: none"> <li>• <b>A broad range of continuous vision</b><sup>6,7</sup></li> <li>• <b>Continuity without the visual gaps</b> present in trifocal technology, covering 33 cm to distance<sup>**8-10</sup></li> <li>• <b>Superior low-light performance</b> for reading in dim lighting<sup>***6,7</sup></li> <li>• <b>With violet-light filtering technology for reduction of halo intensity</b> for tasks like night driving<sup>11,12</sup></li> <li>• Delivered on the <b>TECNIS® Family of IOLs</b> platform, known across the industry for <b>high-quality optics</b></li> </ul>	
	<p><b>TECNIS Symphony® Extended Depth of Focus/Extended Range of Vision (in Europe) IOLs</b> TECNIS Symphony® Extended Range of Vision IOLs provide a continuous range of high-quality vision: excellent distance and intermediate with improved near vision.<sup>13</sup></p> <ul style="list-style-type: none"> <li>• First extended-depth-of-focus IOL</li> <li>• Mitigates the effects of presbyopia so patients can see clearly across the full range of vision<sup>13,14</sup></li> <li>• 85% of patients did not need or rarely needed glasses<sup>13</sup></li> <li>• Pupil-independent performance enables optimal performance in any lighting condition<sup>13</sup></li> <li>• Very low incidence of halo, glare and starbursts<sup>13,14</sup></li> </ul>	
	<p><b>TECNIS® Multifocal IOLs</b> In addition to providing distance vision, <b>TECNIS® Multifocal IOLs</b> offer personalized near vision so patients can focus where they use their vision most — without always depending on glasses.<sup>15,16</sup></p> <ul style="list-style-type: none"> <li>• High spectacle independence in any lighting condition<sup>15,16</sup></li> <li>• Available in three options optimized to meet patient's lifestyle</li> </ul>	

**For healthcare professionals only. Please read the Directions for Use for Important Safety Information and consult our specialists if you have any questions.**

+TECNIS Eyhance IOL is now available in Europe and Asia Pacific (Australia, New Zealand, Singapore, Thailand, and Hong Kong).

\*TECNIS Synergy IOL is now available in Europe, Australia and New Zealand.

\*\*Non head-to-head bench study. Tested with PanOptix IOL, AT Lisa Trifocal IOL and FineVision IOL

\*\*\*Unlike IOLs of comparable range, i.e. trifocal IOLs (PanOptix, FineVision, AT Lisa)

1. Freeman W. Market Scope - 2017 IOL report: a global market analysis for 2016 to 2022. P. 79, 137, 174. REF2018MLT4002.
2. TECNIS® 1-p IOL DfU – OUS – Z311195, Rev. 01, Feb. 2018. REF2019CT4047.
3. DOF2018CT4015 – Clinical evaluation of the TECNIS EYHANCE™ IOL Model ICB00, 6-month clinical study. Sep. 2018.
4. TECNIS EYHANCE™ IOL - Product monograph EMEA 2019, table 4.1. SC2019CT4002.
5. DOF2019OTH4002 – Weeber H. MTF of the TECNIS Synergy™ OptiBlue IOL (model ZFR00V), and other lens models. 27 March 2019.
6. DOF2019OTH4003 – Clinical Investigation of the TECNIS® Next-Generation IOL Model ZFR00 (TECNIS Synergy™ IOL) – 6-Month POC Data. 23 April 2019.
7. TECNIS Synergy™ IOL DfU – OUS – Z311358, Rev. 02, Feb. 2019. REF2019OTH4259.
8. DOF2019OTH4004 – Perez G. Simulated VA of the TECNIS Synergy™ IOL and PanOptix IOL. 12 April 2019.
9. DOF2019OTH4005 – Perez G. Simulated VA of the TECNIS Synergy™ IOL and AT Lisa Tri IOL. 5 May 2019.
10. DOF2019OTH4006 – Perez G. Simulated VA of the TECNIS Synergy™ IOL and FineVision IOL. 5 May 2019.
11. Canovas C, et al. Optical and Visual Performance of Violet Blocking Intraocular Lenses – Poster presented at ARVO 2019. SC2019CT4025.
12. DOF2019CT4010 – Rosen R – Scotopic halo and MTF violet blocking – 26 June 2019.
13. TECNIS Symphony® Extended Range of Vision IOLs US DFU. Z311036, Rev. 02, Sep. 2016. REF2017CT0015.
14. Cochener B, et al. Clinical outcomes of a new extended range of vision intraocular lens: International Multicenter Concerto Study. J Cataract Refract Surg 2016;42(9):1268-1275. REF2016CT0489.
15. TECNIS® Multifocal 1-p IOL, Model ZKB00 – ZLB00, DfU – US – Z311328, Rev. A, Apr. 2018. REF2019CT4049.
16. TECNIS® Multifocal 1-p IOL, Model ZMB00, DfU – US – Z310732, Rev. C, 12/2013. REF2014CT0425.
17. TECNIS® Toric 1-p IOL DfU – OUS – Z311306, Rev. A, Apr. 2018. REF2019CT4420.