

# TECNIS EYHANCE IOL

INNOVATION IN THE MONOFOCAL IOL CATEGORY

## Eye Health & Cataracts

An estimated 253 million people live with vision impairment: **36 million** are blind and **217 million** have moderate-to-severe vision impairment,<sup>1,2</sup> including more than 30 million in Europe.<sup>3</sup> Cataracts account for **35 percent** of the blindness and **24 percent** of the moderate-to-severe visual impairment.<sup>4</sup>



Inside the eye is a **natural lens** that can gradually become yellow and cloudy.

The loss of clarity is called a cataract and can occur as early as **40 or 50** years of age.<sup>5</sup>

Cataracts cause **blurry vision** and, over time, make it more difficult to read and perform other routine activities.<sup>6</sup>



Cataracts are the **leading cause** of blindness globally.<sup>7</sup>



Cataract surgery, the **most common surgery** performed around the world,<sup>8</sup> was done more than 4 million times in the EU in 2016.<sup>9</sup>

## Understanding Visual Range

Visual range is the distance at which something can be seen, ranging from near to intermediate to distance vision. Individual needs and preferences play a key role in selecting the intraocular lens (IOL) received after cataract surgery. The right IOL can enhance a patient's vision at certain distances to meet specific lifestyle needs.

NEAR VISION	INTERMEDIATE VISION	DISTANCE VISION
 <p>Typically about <b>40cm</b> from eye</p>	 <p>Typically about <b>66cm</b> from eye</p>	 <p>Typically about <b>4m</b> from eye</p>

## Achieving High-Quality Vision For Living

Today most lenses in the monofocal category 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. To better meet the needs of today's patient, Johnson & Johnson Vision introduces TECNIS Eyhance IOL, the first monofocal IOL in Europe to provide high-quality intermediate and distance vision.<sup>10</sup> TECNIS Eyhance IOL allows patients to achieve significantly improved intermediate vision, compared with a standard aspheric monofocal IOL, along with 20/20 distance vision.<sup>11</sup>



TECNIS Eyhance IOL is part of the TECNIS® Family of IOLs, which includes a variety of personalised vision options for people with cataracts, all with the goal of ensuring clear, sharp vision to meet individual needs and lifestyles. Patients should talk to their doctor about their visual needs to find out if a TECNIS® lens is right for them.

1. Magnitude, temporal trends, and projections of the global prevalence of blindness and distance and near vision impairment: a systematic review and meta-analysis. The Lancet website. [https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(17\)30293-0/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(17)30293-0/fulltext). Accessed November 14, 2018.
2. Blindness and Vision. World Health Organization website. <http://www.who.int/news-room/fact-sheets/detail/blindness-and-visual-impairment>. Accessed November 14, 2018.
3. About blindness and partial sight. European Blind Union. <http://www.euroblind.org/about-blindness-and-partial-sight/facts-and-gures>. Accessed December 7, 2018.
4. IAPB Vision Atlas. <http://atlas.iapb.org/global-burden-vision-impairment/gbvi-global-cause-estimates/>. Accessed November 26, 2018.
5. National Eye Institute (NEI). Facts About Cataracts. NEI website. [https://nei.nih.gov/health/cataract/cataract\\_facts](https://nei.nih.gov/health/cataract/cataract_facts). Updated September 2015. Accessed October 28, 2017. REF2016OTH0006.
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7. Priority Eye Diseases. World Health Organization.
8. The Journey to Femtosecond Laser-Assisted Cataract Surgery: New Beginnings or False Dawn? Trikha S, Turnbull AM, Morris RJ, Anderson DF, Hossain P.
9. Surgical operations and procedures statistics. Eurostat. [https://ec.europa.eu/eurostat/statistics-explained/index.php/Surgical\\_operations\\_and\\_procedures\\_statistics#In-patient\\_procedures:\\_cataract\\_surgery](https://ec.europa.eu/eurostat/statistics-explained/index.php/Surgical_operations_and_procedures_statistics#In-patient_procedures:_cataract_surgery). Accessed December 7, 2018.
10. TECNIS Eyhance IOL — Product monograph EMEA 2019, table 4.1 SC2019CT4002.
11. Data on File, Johnson & Johnson Surgical Vision, Inc. 2018. DOF2018CT4015.

### Indications For Use

The TECNIS Eyhance IOL, model ICB00, is indicated for the visual correction of aphakia in adult patients in whom a cataractous lens has been removed by extracapsular cataract extraction. The lens extends the depth of focus, which improves vision for intermediate tasks, and provide similar distance vision as compared to a standard aspheric monofocal IOL. The lens is indicated for placement in the capsular bag only.

### General Adverse Events for IOLs

Potential adverse events during or following cataract surgery with implantation of an IOL may include but are not limited to: endophthalmitis/intraocular infection, hypopyon, hyphema, IOL dislocation, cystoid macular edema, pupillary block, retinal detachment/tear, persistent corneal stromal edema, persistent iritis, persistent raised IOP (intraocular pressure) requiring treatment, acute corneal decompensation, secondary intraocular surgical intervention (including implant repositioning, removal, AC tap performed later than one week after cataract surgery, or other surgical procedure), and any other adverse event that leads to permanent visual impairment or requires surgical or medical intervention to prevent permanent visual impairment.

**ATTENTION: Reference the Directions for Use for Important Safety Information.**

TECNIS Eyhance IOL has European CE Mark approval and is now commercially available across Europe, including UK, Italy, France, Spain and Germany. This product is not currently commercially available for sale in other areas including the United States. US Media may use for reference material only and may not externally publish.