Johnson&Johnson

TECNIS

Odyssey™ IOL

TECNIS Odyssey™ IOL

Precise vision. Every distance. Any lighting.[1,4,5]

TECNIS Odyssey™ IOL Overview

A high-quality, full visual range IOL*[1]

Enhanced Tolerance to Refractive Error†[2]

More consistent and reliable visual outcomes

Optimized Dysphotopsia Profile†[3]

Improved night-vision quality

Outstanding Range of Vision**¶[4]

Continuous vision from far to near

TECNIS™ Best-in-Class Contrast¶†[5–7]

Sharper vision in all lighting conditions

*According to ISO 11979-7:2024, based on the clinical study of the parent IOL
¶Compared to PanOptix® based on bench testing
†Compared to **TECNIS Synergy™ OptiBlue™** IOL based on bench testing
**Continuous 20/25 or better

ENTER

TECNIS Odyssey™ IOL: Delivering Exceptional Patient Satisfaction

Precise Vision

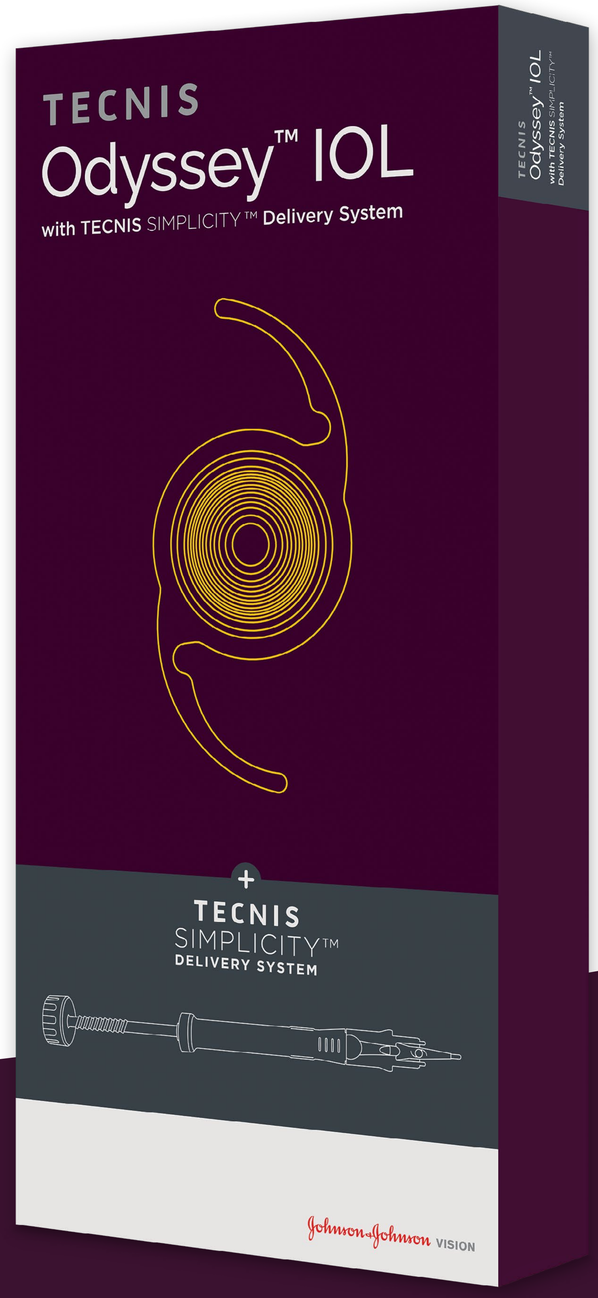
94%
satisfaction with overall vision without glasses.[8]

Every Distance

96%
satisfaction with reading on a smartphone or tablet.[9]

Any Lighting

92%
satisfaction with ability to see steps and curbs at night.[9]



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*Values rounded to the nearest 1%.
** Based on 3-month postoperative data from a multi-center, observational clinical study in the U.S.

BACK

Explore the technology behind TECNIS Odyssey™ IOL

TECNIS Odyssey™ | Enhanced Tolerance to Refractive Error | Optimized Dysphotopsia Profile | Outstanding Range of Vision | TECNIS™ Best-in-Class Contrast | TECNIS™ IOL Platform | Exceptional Rotational Stability

TECNIS Odyssey™ IOL: A Full Visual Range IOL*[1]

Only **TECNIS Odyssey™** IOL features an ***all-new*** **Freeform Diffractive Profile.**

Technologies	Features
Improved with TECNIS Odyssey™ IOL: **Freeform Diffractive Profile**	→ Enhances tolerance to refractive error†[2] → Optimizes the dysphotopsia profile†[3]
Hybrid Multifocal-EDOF Design *Best of both worlds*	→ Delivers a continuous, full range of vision:**[4] • Multifocal elements provide excellent distance and near visual acuities (VAs) • EDOF elements provide continuous vision without gaps
Achromatic Technology & TECNIS™ IOL Platform	→ Maximizes contrast, even in low-light conditions¶†[5–6]

*According to ISO 11979-7:2024, based on the clinical study of the parent IOL
¶Compared to PanOptix® based on bench testing
†Compared to **TECNIS Synergy™ OptiBlue™** IOL based on bench testing
**Continuous 20/25 or better

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All-New Freeform Diffractive Profile

Digitally-optimized process enables **new degrees of freedom in design.**

Digital Optimization:

Digitally fine-tuning the optical profile minimizes aberrations, effectively enhancing tolerance to residual refractive errors.[2]

+

Advanced Design:

Custom-shaped echelettes and minimized step heights provide precise light control, minimizing halos, glare, and starbursts.[3]

50%
smaller step heights*

TECNIS Odyssey™ IOL **TECNIS Synergy™ OptiBlue™** IOL *For illustrative purposes only*

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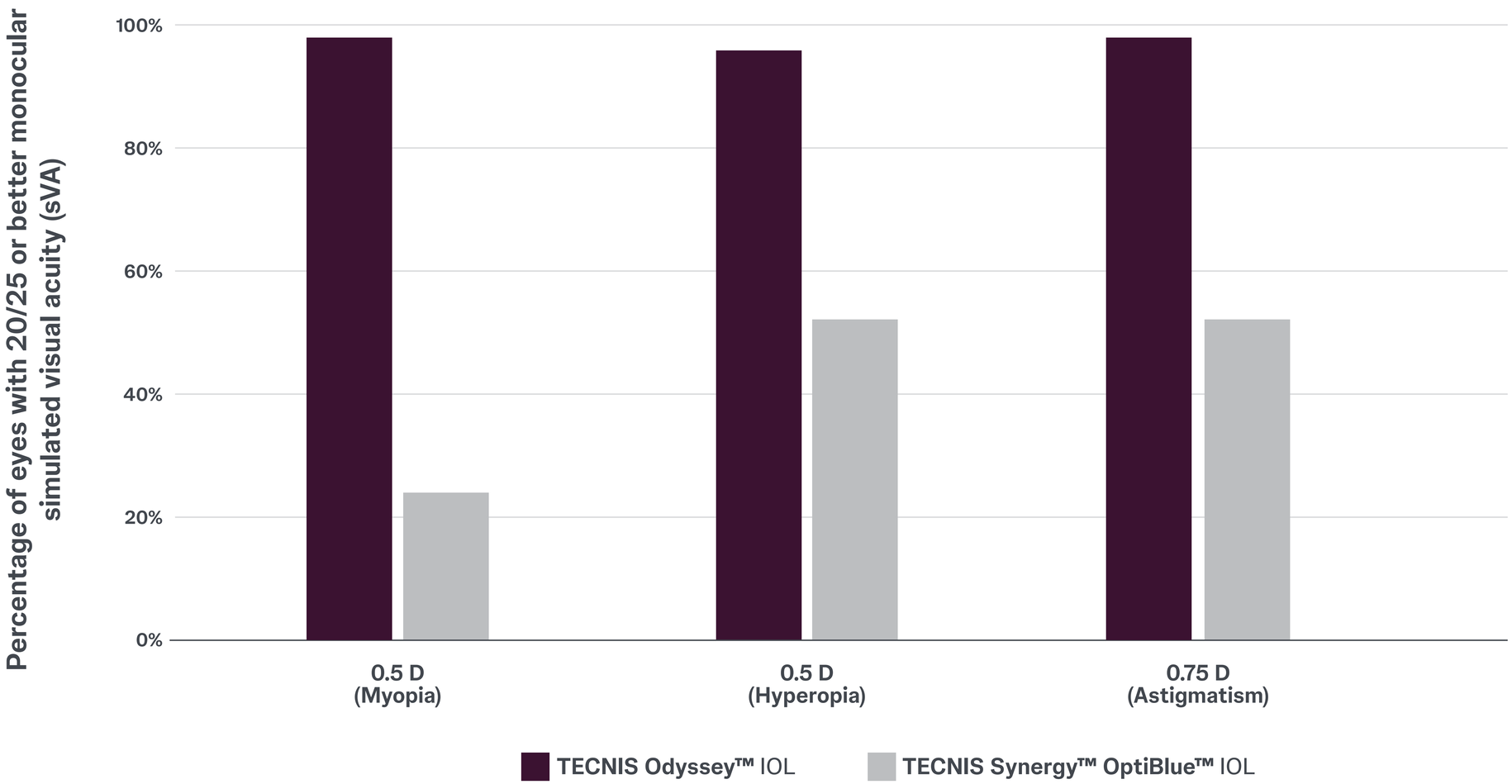
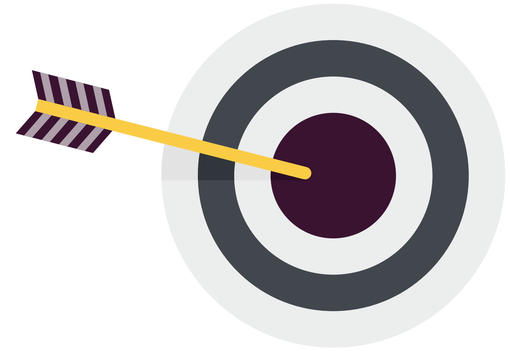
*__TECNIS Odyssey™__ IOL step heights are at least 50% smaller compared to the largest step height of __TECNIS Synergy™ OptiBlue™__ IOL

Engineered for Surgeon Confidence

Freeform diffractive profile contributes to **enhanced tolerance to residual refractive errors.***§[2,10]



>95%
of eyes achieved good distance VA, even under defocus.*[2,10]



Preoperative Guidance:

- **Astigmatism Management:** Aim for ≤ 0.5 D of residual astigmatism postoperatively.
- **Target Plano to First Minus (slight myopia):** Targeting plus or beyond first minus is neither recommended nor necessary with this lens.

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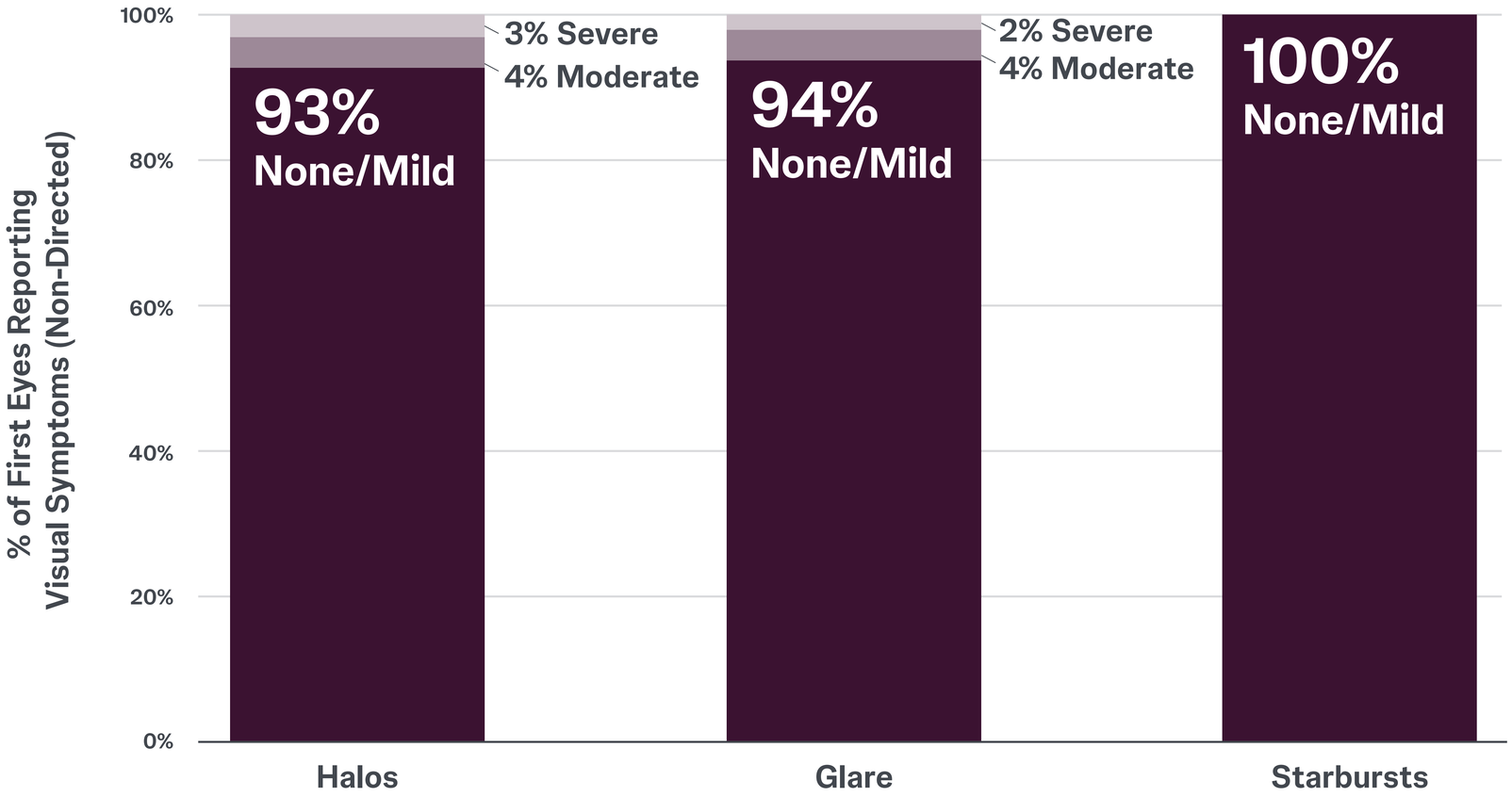
*Based on bench testing.
§Compared to **TECNIS Synergy™ OptiBlue™** IOL

Optimized Dysphotopsia Profile

Freeform diffractive profile contributes to a **low incidence of bothersome visual disturbances.**[11]



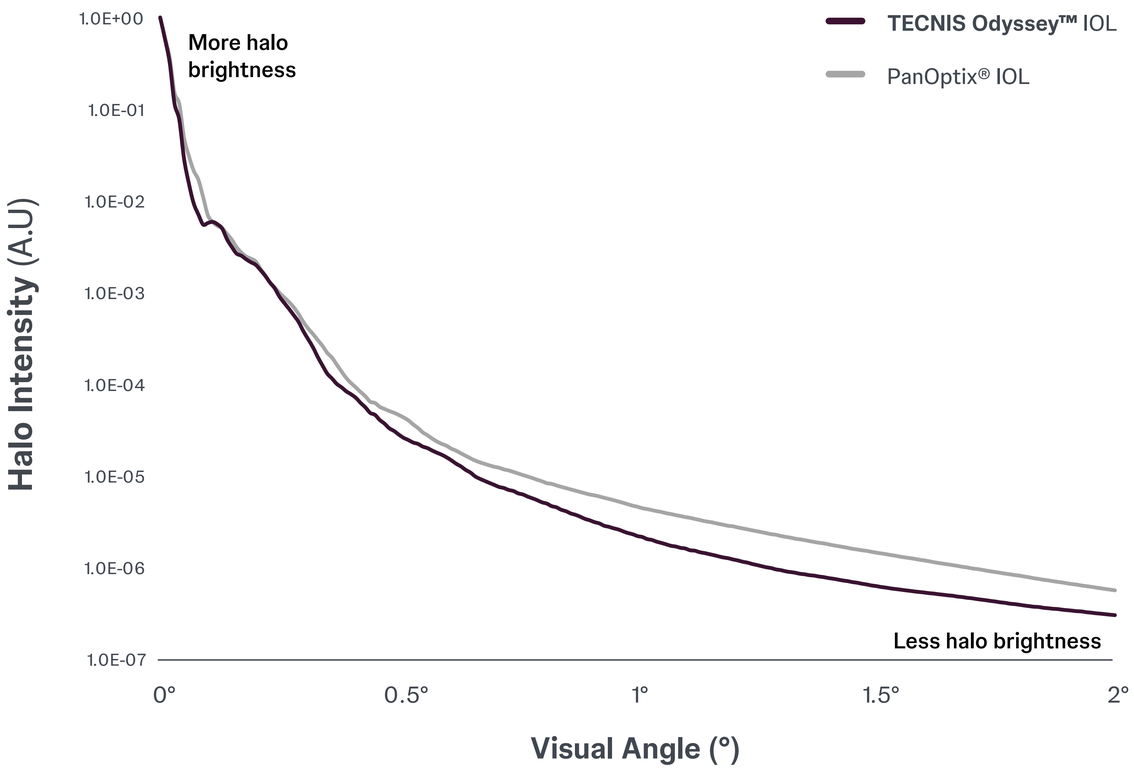
93%
of patients either did not report any visual disturbances or reported mild halos or glare at one month post-op[11]

Values rounded to the nearest 1%
Retrospective, multi-center, real-world clinical analysis of reported outcomes at 1 month post-operative visit, n=96. Symptoms reported without a specified severity level were classified as mild in the chart above.

Minimized Visual Disturbances

TECNIS Odyssey™ IOL demonstrates a **reduced halo profile.***[3,12]

Halo Performance

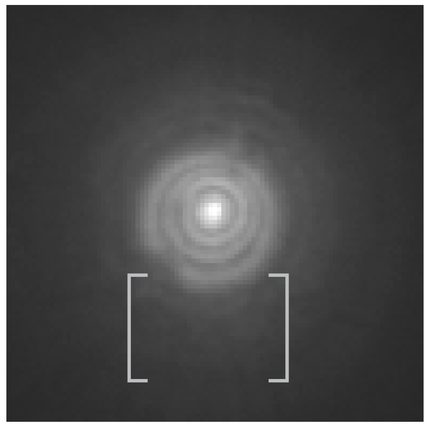


Visual angle

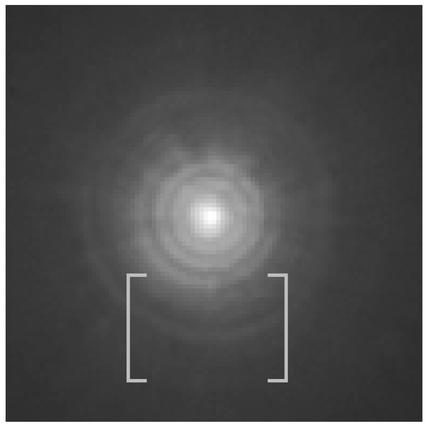
For illustration purposes only. Not shown to scale.

Optical Bench Halo Measurements
(4.0-mm pupil size)[12]

TECNIS Odyssey™ IOL



PanOptix® IOL



TECNIS Odyssey™ IOL delivers lower halo intensity as the distance from the halo center increases.*[3,12]

In a pre-clinical lab assessment, **TECNIS Odyssey™** IOL demonstrated lower intensity for most visual angles (0.67 to 2.0 degrees), indicating better halo performance than PanOptix® IOL. The light intensity values were normalized with reference to the peak intensity (center of the image), and a gamma correction of 0.1 was used. Presentation of the halos are shown in the images above. The assessment used the CDD, a research device designed to evaluate intraocular lenses. The device complies with ANSI standard Z80.35, section A.4.1.

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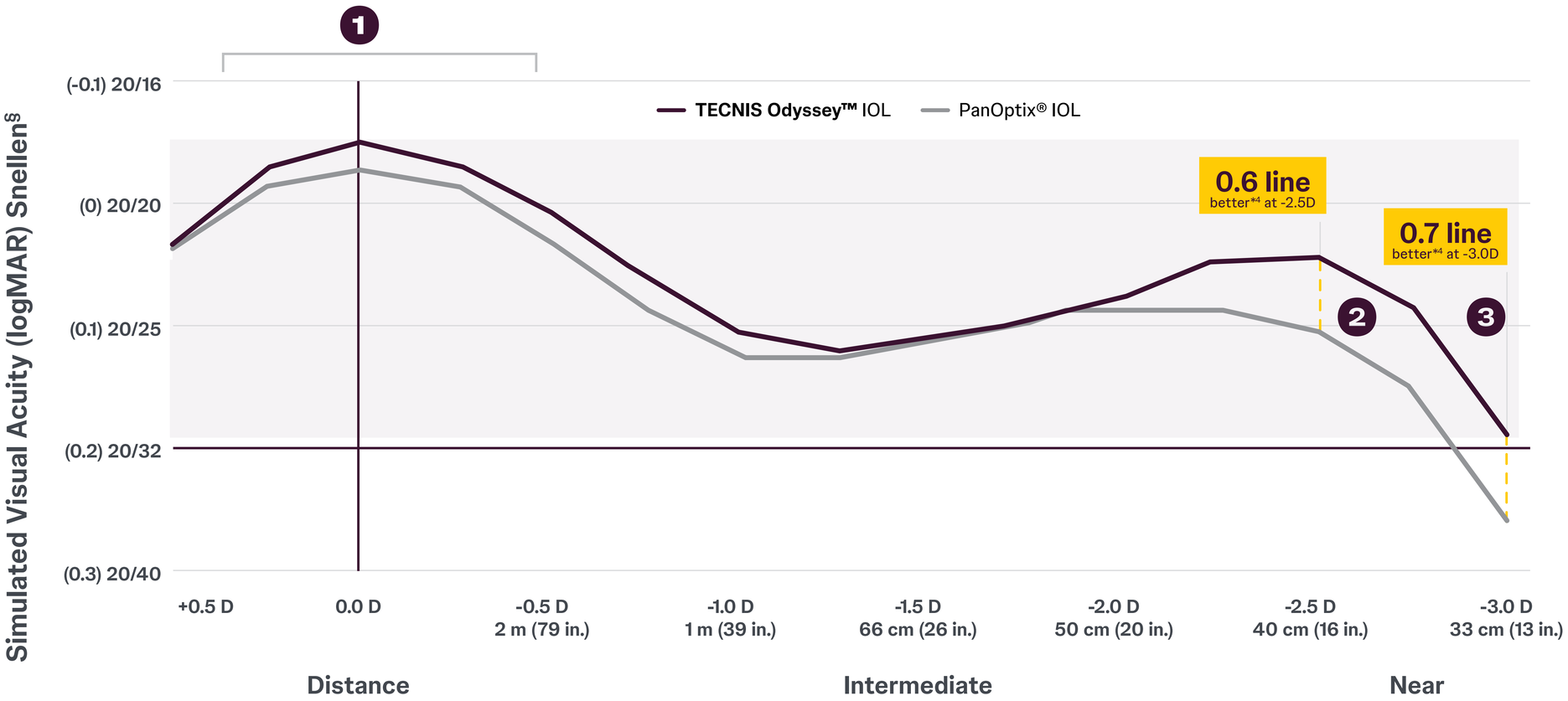
*Compared to PanOptix® based on bench testing

Outstanding Range of Vision

A **continuous, full range of vision with better near** compared to PanOptix®IOL.*†[4]



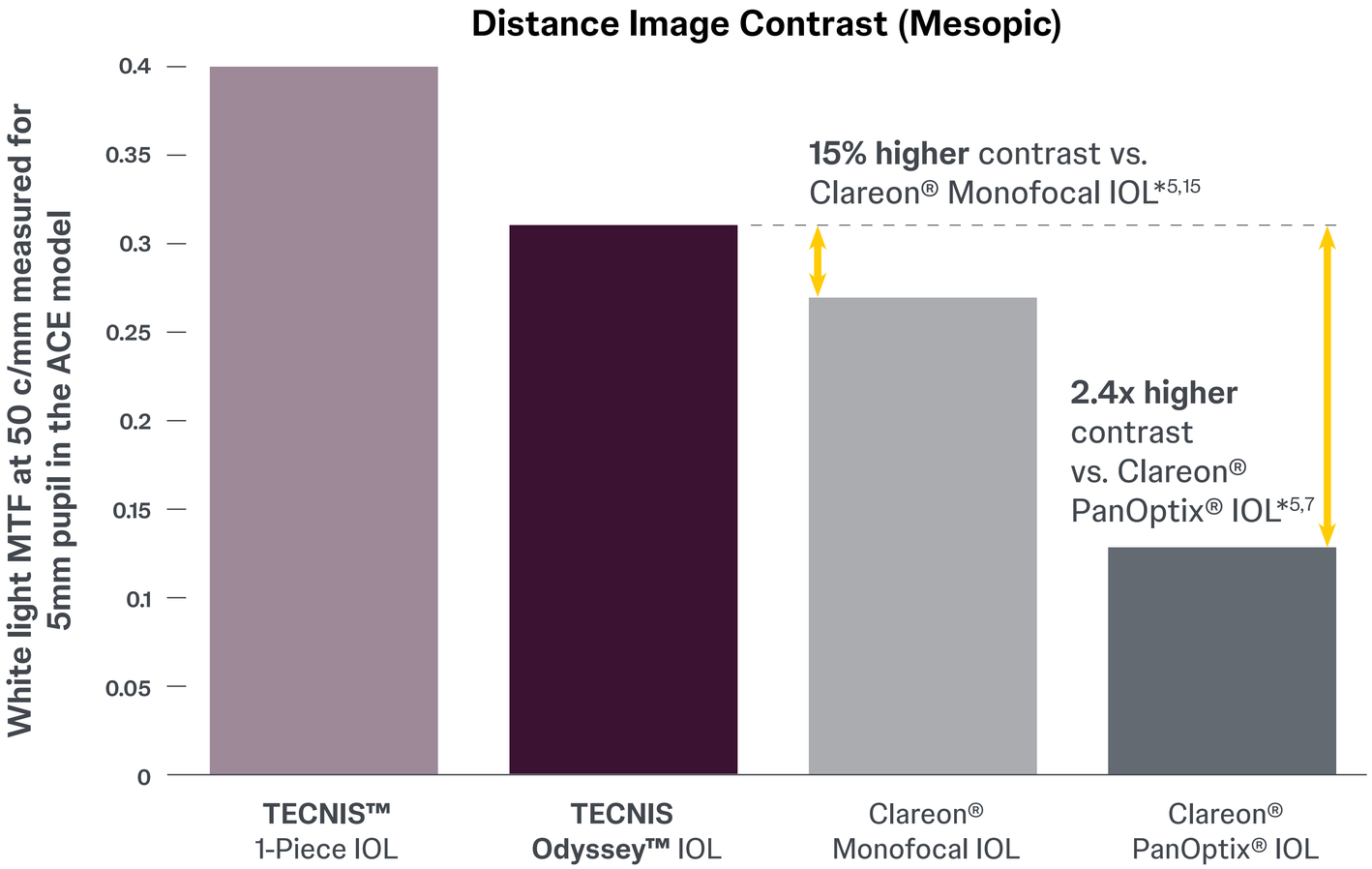
1. **Wide sweet spot*[4]**
2. **17% more AUC**‡[13]**
3. **14% smaller readable print size*[14]**

*Based on bench testing compared to PanOptix®
**AUC=Area under the curve
†continuous 20/25 or better
‡above 0.2 LogMar (~20/32 Snellen) compared to PanOptix®

§Snellen VA was converted from logMAR VA. A Snellen notation of 20/20-2 or better indicates a logMAR VA of 0.04 or better

TECNIS™ Best-in-Class Contrast

Superior low-light contrast compared to PanOptix® IOL.*[5,7,15]



Modulation transfer function (MTF) measures the ratio of object contrast to image contrast. Higher MTF means more contrast transfer, enhancing the perceived image.

TECNIS™ IOLs deliver high-quality vision by minimizing primary optical aberrations.[16,17]

TECNIS Odyssey™ features a proprietary Achromatic Technology, further enhancing contrast by actively correcting chromatic aberration at all distances.[18]

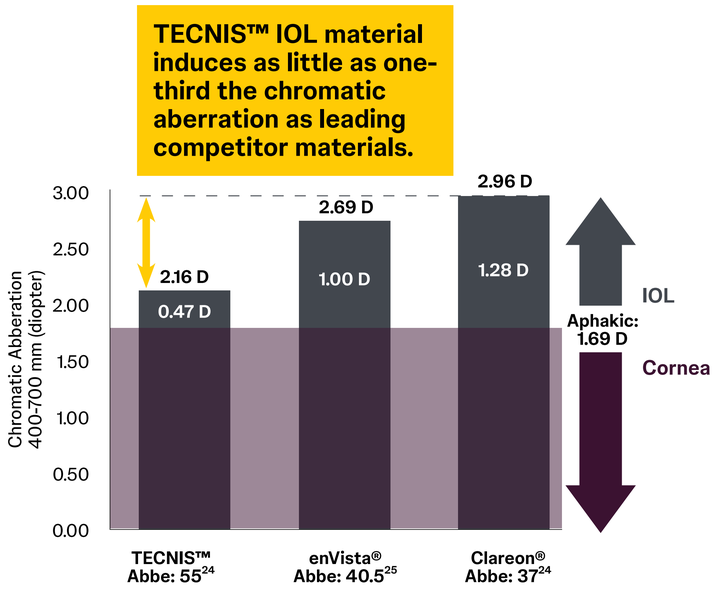
*Based on bench testing
Best-in-class compares to competitor full range of vision IOLs.

High-Quality Vision Starts with TECNIS™ IOL

Experience the strength of a **proven 20+ year platform**.

Outstanding contrast, day and night.*[16]

TECNIS™ IOL material **induces the least amount of chromatic aberration.**



Sharp quality of vision.[17]

TECNIS™ IOLs are one of the first and currently only IOLs that **correct spherical aberration (SA) to essentially zero.**[19]

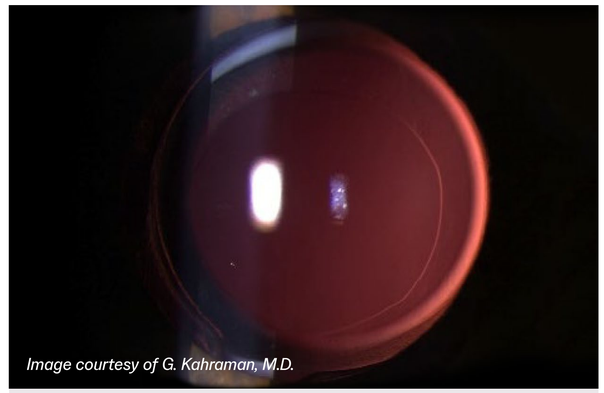
	TECNIS™	Clareon®	enVista®
Average Corneal SA	+0.27	+0.27	+0.27
Lens SA‡	-0.27	-0.20	0.00
Total Residual SA	0.00	+0.07	+0.27

20/20 ≠ 20/happy

Increasing Asphericity†

Sustained optical clarity and stability.[20-22]

TECNIS™ IOL design and material lead to **low rates of PCO and capsular phimosis**[23]



Clear anterior capsule (ACO grade 0) and no signs of fibrosis was observed at 5-year follow up.[23]

TECNIS™ IOL material is **not associated with glistenings.**[22]

*Compared to Clareon® and enVista® IOL platforms.
†Images simulated using Zemike Tool, 6mm aperture, created by George Dai, PhD.
‡SA correction of lens at corneal plane.

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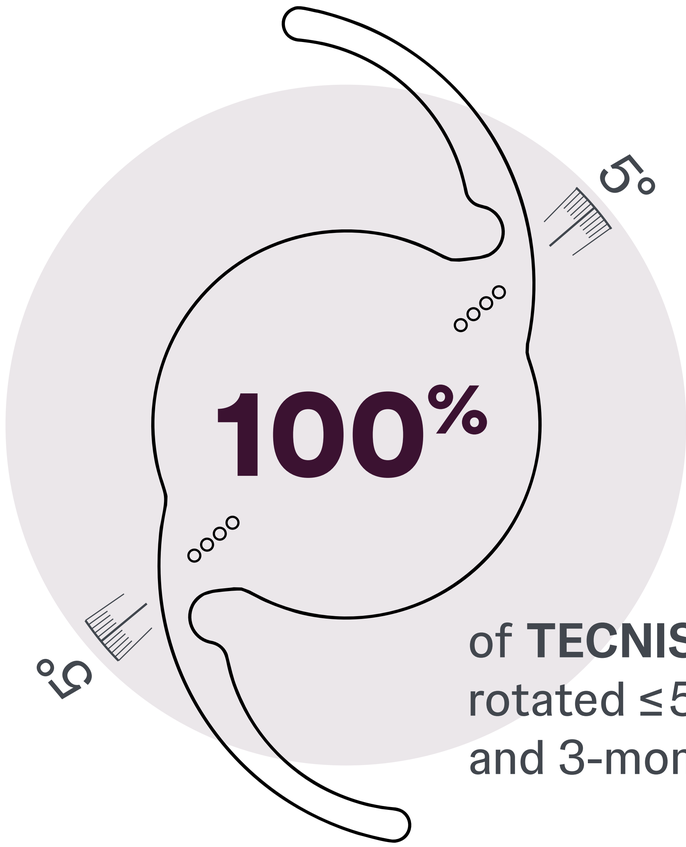
Get started at TecnisToricCalc.com

Exceptional Rotational Stability

TECNIS™ Toric II IOLs have the
lowest likelihood of needing repositioning**[26]

Advanced squared, frosted haptic design engineered for increased friction. [18,27]



of **TECNIS™** Toric II IOLs rotated ≤5° at 1-month and 3-months post-op*[27]

Outstanding mean rotational stability at post-op:*[27]

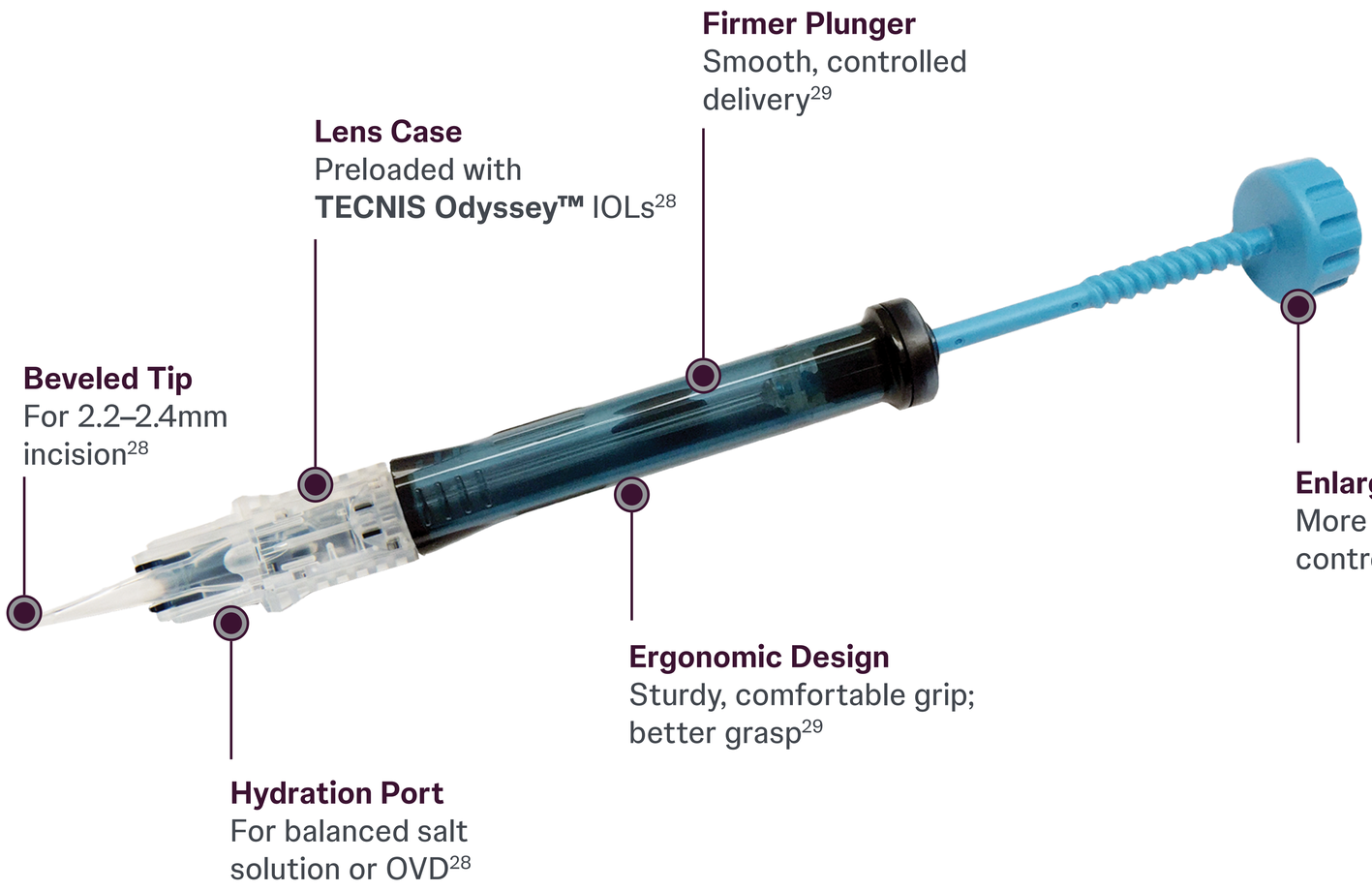
Day 1	**0.82°**
Month 3	**0.94°**

*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™** 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

Compared to AcrySof® Toric, enVista® Toric, and **TECNIS™ Toric IOLs based on a retrospective chart review that looked at the rate of surgical IOL repositioning due to clinically significant IOL rotation comparing case records for 993 eyes implanted with **TECNIS™** Toric II (n=308), AcrySof® Toric (n=362), enVista® Toric IOLs (n=270), or **TECNIS™** Toric (n=53).

Extraordinary Simplicity

Simplify lens delivery with **TECNIS SIMPLICITY™** preloaded delivery system.



Improved efficiency
Simple 3-step process: hydrate, advance and deliver[29]

Enhanced safety
Minimize risk of infection associated with contamination[28]

Smooth & controlled delivery
Designed to safely place the IOL into the capsular bag[28,29]

Flexibility
Hydrate with balanced salt solution or OVD[28]

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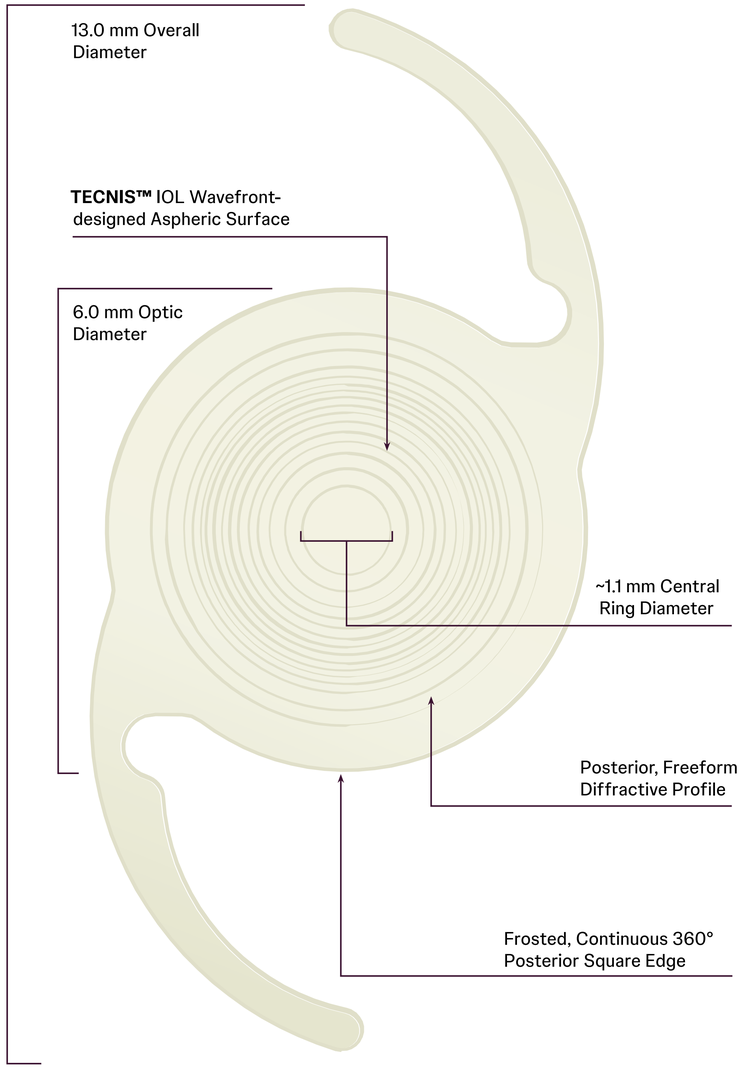
Specifications[18,28]

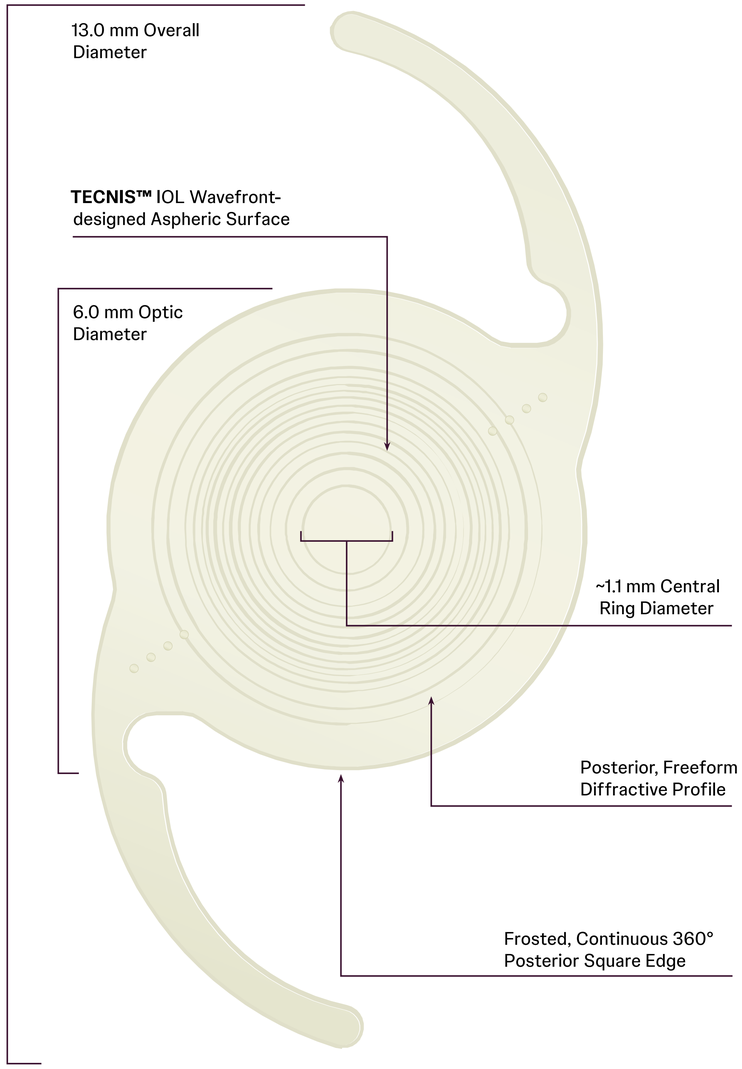
Optical Characteristics						
Model numbers:	**DRN00V**	**DRT100**	**DRT150**	**DRT225**	**DRT300**	**DRT375**
Cylinder Powers–IOL Plane:	N/A	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D
Cylinder Powers–Corneal Plane:	N/A	0.69 D	1.03 D	1.54 D	2.06 D	2.57 D
SE Powers:	+5.0 D to +34.0 D in 0.5 diopter increments					
Diameter:	6.0 mm					
Center Thickness:	0.7 mm (20.0 D)					
Shape:	Biconvex, wavefront-designed anterior aspheric surface, proprietary posterior **freeform diffractive profile** to provide a full range of vision[1]					
Material:	UV-absorbing hydrophobic acrylic with violet-light filter					
Refractive Index:	1.47 at 35°C					
Edge Design:	**ProTEC** frosted, continuous 360° posterior square edge					
Achromatic Technology:	Proprietary technology for chromatic aberration correction to enhance contrast					

Biometry*	Contact Ultrasound†	Optical‡
A-constant:	118.8	119.3
AC Depth:	5.4 mm	5.7 mm
Surgeon Factor:[30]	1.68 mm	1.96 mm

Haptic Characteristics	
Overall Diameter:	13.0 mm
Thickness:	0.46 mm
Style:	C
Material:	UV-absorbing hydrophobic acrylic with violet-light filter
Design:	**TRI-FIX**, Haptics offset from optics; 1-piece lens

Preloaded TECNIS SIMPLICITY™ Delivery System





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* Values theoretically derived for a typical 20.0 D lens. Johnson & Johnson recommends that surgeons personalize their A-constant based on their surgical techniques and equipment, experience with the lens model and postoperative results.

† IOL constants have been theoretically derived for contact ultrasound.

‡ IOL constants have been derived from clinical evaluation results of the **TECNIS™** 1-Piece IOL Platform.

For optimal results, utilize the **TECNIS™** Toric IOL calculator at **www.TecnisToricCalc.com** to determine the appropriate Toric model and power.

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