

FOCUS ON VALUE



Astigmatism is **highly prevalent** and often **not corrected** during cataract surgery



Astigmatism ≥ 1.0 D affects up to **47% of patients** with cataracts¹



Astigmatism **reduces distance and near visual acuity, vision quality, and depth perception**^{2,3}

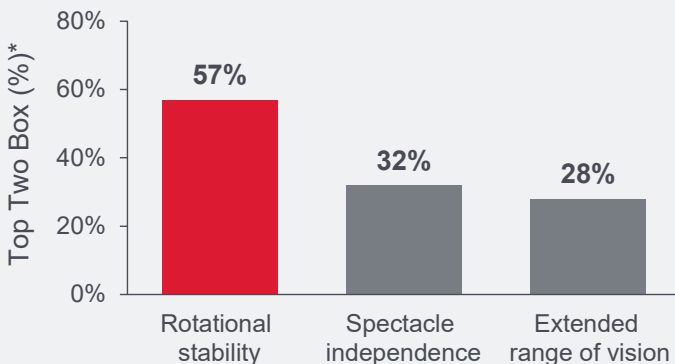


Astigmatism is **not surgically corrected in 41-49% of patients** who undergo cataract surgery⁴

Toric IOLs are the **most predictable** method for astigmatism correction in cataract surgery⁵

Rotational stability of toric IOLs is key to **successful visual outcomes** and **broader surgeon adoption** of toric lens implantation^{6,7}

Top drivers of initial toric IOL selection⁷⁻⁹



For **each degree of IOL rotation**, there is an approximate **3.5% decrease in its effectiveness** at reducing astigmatism¹⁰



The greatest post-op IOL rotation occurs **within the first hour** of surgery, and IOL orientation is **highly stable after the first post-op day**^{6,11,12}

* Sum of top two ratings.

TECNIS™

Toric II 1-Piece IOL

Toric II

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TECNIS

Eyhance™ Toric II IOL

with TECNIS SIMPLICITY™ Delivery System

Toric II

TECNIS

Synergy™ IOL

with TECNIS SIMPLICITY™ Delivery System

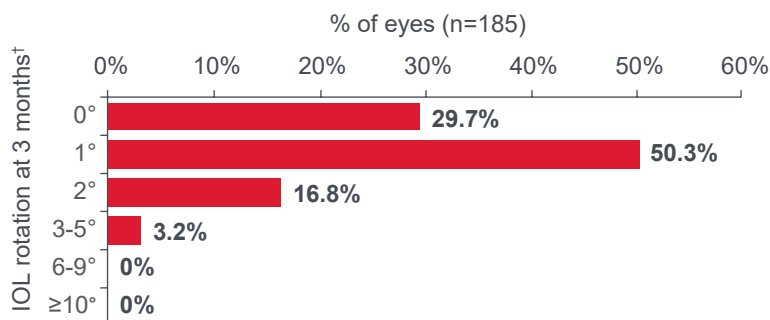
Toric II

The squared and frosted haptic design of the TECNIS™ Toric II platform increases friction between the haptics and the capsular bag^{13,14}

The TECNIS™ Toric II platform delivers rotational stability¹⁵

A post-clinical study of the TECNIS™ Toric II IOL demonstrated:^{15,*}

0.94° mean rotation
(SD 0.712°) at 3 months
after surgery



100% of eyes with **≤5° rotation**
at 3 months after surgery

* 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.

† Values were rounded to the nearest degree prior to categorization by degree of rotation.

Abbreviation: SD = standard deviation.

Economic evaluation of toric IOLs based on literature review and survey of 60 US ophthalmologists

Treating astigmatism with toric IOLs at the time of cataract removal can yield benefits:^{16,‡}

Better distance
vision outcomes

Reduced spectacle needs

Minimized need for
second surgical procedure

Long-term healthcare
cost savings



Toric IOLs may improve patient health-related quality of life, and are cost effective compared with monofocal IOLs^{16,17}

‡ Compared with monofocal IOL implantation.

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References

REFERENCES:

1. Anderson DF et al. (2018) Global prevalence and economic and humanistic burden of astigmatism in cataract patients: a systematic literature review. *Clin Ophthalmol* 12: 439-452. REF2019CT4371. REF2018CT4311.
2. Wolffsohn JS et al. (2011) Effect of uncorrected astigmatism on vision. *J Cataract Refract Surg* 37 (3): 454-460. REF2014CT0240.
3. Read SA et al. (2014) The visual and functional impacts of astigmatism and its clinical management. *Ophthalmic Physiol Opt* 34 (3): 267-294. REF2019CT4343.
4. Market Scope (2020) 2020 Annual Sponsored US Cataract Surgeon Survey Report. REF2021CT4210.
5. Nunez MX, et al. (2019) Consensus on the management of astigmatism in cataract surgery. *Clin Ophthalmol* 13 311-324. REF2019CT4358.
6. Schartmuller D et al. (2020) Comparison of long-term rotational stability of three commonly implanted intraocular lenses. *Am J Ophthalmol* 220 72-81. REF2021CT4211.
7. Cataract A&U (2016a) Cataract A&U Americas Report. REF2018CT4068.
8. Cataract A&U (2016b) Cataract A&U APAC Report. REF2018CT4070.
9. Cataract A&U (2016c) Cataract A&U EMEA Report. REF2018CT4071.
10. Ma JJ, Tseng SS. (2008) Simple method for accurate alignment in toric phakic and aphakic intraocular lens implantation. *J Cataract Refract Surg* 34 (10): 1631-1636. REF2019CT4356.
11. Inoue Y et al. (2017) Axis Misalignment of Toric Intraocular Lens: Placement Error and Postoperative Rotation. *Ophthalmology* 124(9):1424-1425. REF2019CT4387.
12. Lee BS, Chang DF (2018) Comparison of the Rotational Stability of Two Toric Intraocular Lenses in 1273 Consecutive Eyes. *Ophthalmology* 125 (9): 1325-1331. REF2019CT4400.
13. TECNIS™ Toric II 1-Piece IOL – ZCU100-ZCU800 – DfU INT – Doc. #Z311396, Rev. A, July 2020. REF2021CT4064.
14. Takaku R et al. (2021) Influence of frosted haptics on rotational stability of toric intraocular lenses. *Sci Rep* 11: 15099. REF2021CT4212.
15. DOF2021CT4019 – From Study NXGT-202-QROS: Clinical Investigation of Rotational Stability of the TECNIS™ TORIC II Intraocular Lens. 2021.
16. Pineda R et al. (2010) Economic evaluation of toric intraocular lens: a short- and long-term decision analytic model. *Arch Ophthalmol* 128 (7): 834-840. REF2019CT4342.
17. Laurendeau C et al. (2009) Modelling lifetime cost consequences of toric compared with standard IOLs in cataract surgery of astigmatic patients in four European countries. *J Med Econ* 12 (3): 230-237. REF2019CT4353.

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