A Technician’s Guide
Getting Started with the TECNIS® Toric IOL

Access the Calculator

- Type www.TECNISToricCalc.com into your web browser.
- Click on the icon labeled TECNIS® Toric Aspheric IOL.
- Click Accept on the Terms & Conditions page.

Settings and Data Input

- One Time Setup:
  - Click on Settings in the upper right-hand corner of the calculator and select your preferences for date format, decimal layout, refractive cylinder convention (plus or minus cylinder), and K notation. Then, click Apply Preferences.
  - These settings will be stored for each calculation going forward if done on the same computer using the same browser.

- Of note, the TECNIS Toric Calculator captures specific patient data, such as age and axial length, and accounts for personalized or optimized IOL constants and keratometer indices.
Lens Selection

- In the example shown, the calculator shows three lens options.
- The calculator may also recommend a ZCB00 non-toric IOL if the residual cylinder is low.
- Establish a rule with the surgeon for selecting the appropriate IOL:
  - The lens model that offers the lowest amount of residual cylinder without flipping the axis may typically be chosen. However, depending on the surgeon’s preferences, lens selection may include a choice of flipping the axis in order to achieve a lower amount of residual cylinder.
  - If a lens model is selected that will result in flipping the axis, the following notification will appear: Note: The chosen IOL model will create an axis flip.

- Once you select a lens, click Print Results.
- An example of the printed page is depicted at right.

Important Safety Information

Indications: The TECNIS® Toric 1-Piece posterior chamber lenses are indicated for the visual correction of aphakia and pre-existing corneal astigmatism of one diopter or greater in adult patients with or without presbyopia in whom a cataractous lens has been removed by phacoemulsification and who desire improved uncorrected distance vision, reduction in residual refractive cylinder, and increased spectacle independence for distance vision. The device is intended to be placed in the capsular bag.

Warnings: Physicians considering lens implantation should weigh the potential risk/benefit ratio for any circumstances described in the TECNIS® Toric 1-Piece IOL Directions for Use that could increase complications or impact patient outcomes. The clinical study did not show evidence of effectiveness for the treatment of preoperative corneal astigmatism of less than one diopter. The TECNIS® Toric 1-Piece IOL should not be placed in the ciliary sulcus. Rotation of the TECNIS® Toric 1-Piece IOLs away from its intended axis can reduce its astigmatic correction. Misalignment greater than 30° may increase postoperative refractive cylinder.

Precautions: Accurate keratometry and biometry in addition to the use of the TECNIS Toric Calculator (www.TecnisToricCalc.com) are recommended to achieve optimal visual outcomes. The safety and effectiveness of the toric intraocular lens have not been substantiated in patients with certain preexisting ocular conditions and intraoperative complications. Refer to the TECNIS® Toric 1-Piece IOL Directions for Use for a complete description of the preexisting conditions and intraoperative complications. All preoperative surgical parameters are important when choosing a toric lens for implantation. Variability in any of the preoperative measurements can influence patient outcomes. All corneal incisions were placed temporally in the clinical study. Do not reuse, resterilize, or autoclave.

Adverse Events: The most frequently reported adverse event that occurred during the clinical trial of the TECNIS® Toric 1-Piece IOL was surgical reintervention, which occurred at a rate of 3.4% (lens repositioning procedures and retinal repair procedures). Other reported events included macular edema, which occurred at a rate of 2.9% and retinal detachment, which occurred at a rate of 0.6%.

Caution: Federal law restricts this device to sale by or on the order of a physician.

Attention: Reference the Directions for Use labeling for a complete listing of Indications, Warnings and Precautions.