

Intraocular Lens (IOL) Summary

Robert C. Foster, MD



This handout is a brief introduction to currently available IOL options and is intended to provide a basis for discussions with Dr. Foster and our surgical coordinators. Although there is no perfect IOL implant, we want to help you understand the technology available and make an educated decision regarding your surgery.

IOL Options

- **Standard lens implant:** Monofocal (one focal point) intraocular lens without astigmatism correction. Glasses will be required for intermediate and near work in all patients. Glasses will be required for best distance vision if either eye has significant astigmatism.
- **Toric lens implant*:** Monofocal (one focal point) intraocular lens WITH built in astigmatism correction. Provides clear distance vision without glasses. Reading glasses will be required for intermediate and near vision.
- **Multifocal/Extended depth-of-focus implant*:** Advanced optical technology provides clear uncorrected vision at a range of distances and freedom from glasses for most activities. Includes astigmatism correction if needed. Extended depth of focus technology can be combined with the option for post-operative adjustment with the Light Adjustable Lens (LAL/LAL+).

ORA Measurement Device*: Provides intraoperative, real-time measurements during cataract removal to enhance accuracy of IOL power selection and astigmatism correction. Included with all toric and multifocal/EDOF surgeries.

Additional Resources:

LAL Patient Information- <https://rxsight.com/patients/>

J&J IOL Vision Simulator- www.tecnisvisionsimulator.com

Alcon Panoptix IOL- <https://panoptix.myalcon.com/cataracts/panoptix-iol/>

Alcon Vivity IOL- <https://panoptix.myalcon.com/cataracts/vivity-lens/>

American Academy of Ophthalmology- www.aaof.org/eye-health/diseases/what-are-cataracts

* Additional out-of-pocket cost not covered by insurance