

MONOFOCAL

Some of us can still recall the way cataract surgery was done in our parents' and grandparents' day. Because the eye's cataract-clouded natural lens has been removed, the patient had to rely on thick, heavy "coke-bottle" eyeglasses to provide the focusing power needed for good vision.

The introduction of *intraocular* (implantable) lenses has revolutionized cataract surgery. Since the FDA approved the first intraocular lens implant, eye surgeons removing a cataract have been able to replace the clouded natural lens with a crystal clear artificial lens. The replacement lens provides very good *monofocal* (single vision) focusing power, much like a single-vision pair of eyeglasses.

Cataract patients are generally delighted by the return of clear vision after surgery.

However, while *monofocal* replacement lens implants have made those "coke-bottle" glasses obsolete, they can provide good vision for distance or near only, but not both. If you have astigmatism and select a regular monofocal lens, you will still need distance vision and near vision glasses (or bifocals) to correct your astigmatism. Recent advances in replacement lens technology have provided an alternative in the form of a *toric* monofocal or presbyopia-correcting lens.



Specialized monofocal replacement lens implants can be used to address certain needs. For example, if you have astigmatism, your surgeon may recommend a toric lens that makes it possible to significantly improve distance vision. Light-filtering technology protects the retina from damage by UV and high-energy blue light. There are even lenses that improve vision in low light for better driving at night.

Distance



If you have **ASTIGMATISM**, will a **TORIC monofocal** or **TORIC presbyopia-correcting lens implant** meet your needs?

A *toric* monofocal lens is designed to correct your astigmatism and give you clear distance vision, while reducing or eliminating your dependence on distance glasses. It is not designed to eliminate the need for reading glasses, but distance and near can be improved with a TORIC presbyopia-correcting lens. If you would like to be less dependent on glasses most of the time, a *toric* monofocal or presbyopia-correcting lens may be a good choice for you.

TORIC

When our surgeons remove your cataract, advanced replacement lens technology may make it possible to restore more youthful vision and reduce your dependence on reading glasses and bifocals.

The introduction of *intraocular* (implantable) lenses has revolutionized cataract surgery. Since the FDA approved the first intraocular lens implant, eye surgeons removing a cataract have been able to replace the clouded natural lens with a crystal clear artificial lens.

Patients with corneal astigmatism, however, may still experience blurred and distorted vision because a traditional replacement lens cannot correct that condition.

The Toric lens makes it possible to correct astigmatism and cataracts at the same time and may provide quality distance vision independent of eyeglasses or contact lenses. The Toric lens comes in both monofocal and presbyopia-correcting options.



What is corneal ASTIGMATISM?

Sometimes, the surface of the cornea is shaped like the surface of a football, with both flat and steep curves. This uneven curvature of the cornea blurs and distorts vision because light rays are not focused on a single spot on the retina. Astigmatism can compound visual problems caused by nearsightedness and farsightedness. A person who has both a cataract and corneal astigmatism will not regain quality distance vision after cataract surgery unless the astigmatism is also corrected.

Astigmatism



No Astigmatism



Drs. Del Negro, Senft, and Glatman recommend the Toric lens because...

- This lens makes it possible to correct for both cataracts and astigmatism at the same time
- Its unique design makes it possible to reduce, or eliminate, corneal astigmatism and significantly improve uncorrected distance vision
- It provides the QUALITY distance vision you need to respond more spontaneously to life's opportunities