Tersigni Vision Shares How Refractive Lens Exchange Can Correct Astigmatism for Patients Over 40

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At Tersigni Vision, a growing number of patients are asking whether Refractive Lens Exchange (RLE)?also known as Custom Lens Replacement?can correct astigmatism and reduce their dependence on glasses or contacts. In a recent article titled "Can Refractive Lens Exchange Correct Astigmatism?", Dr. Tersigni addresses this important question for adults over 40 and those with early-stage cataracts who are searching for long-term vision solutions. Astigmatism, which causes distorted or blurred vision due to the irregular curvature of the eye, is a common condition that can impact daily activities like reading, driving, and computer use. For patients who may not qualify for laser procedures such as LASIK, RLE offers a path toward clear, stable vision with less hassle.

The procedure works by replacing the eye?s natural lens with a customized artificial intraocular lens (IOL). In cases of astigmatism, toric IOLs are used to compensate for the eye?s uneven shape, allowing light to focus correctly on the retina and significantly reducing visual distortion. At Tersigni Vision, Dr. Tersigni uses advanced diagnostic tools like corneal topography and refraction testing to measure the exact dimensions of each patient?s eye and ensure a personalized fit. This level of precision allows for excellent outcomes, with many patients achieving 20/40 visual acuity or better following surgery. In many cases, the need for

corrective lenses is greatly reduced or eliminated altogether.

While RLE is not a new procedure, its ability to correct astigmatism has become more effective in recent years with improvements in lens technology and surgical techniques. Toric lenses, specifically designed for astigmatism correction, are now a reliable and proven solution for patients with moderate to high astigmatism. These lenses are also capable of correcting additional refractive errors like myopia, hyperopia, and presbyopia, making them a comprehensive option for patients experiencing age-related changes in vision. Unlike LASIK, which alters the cornea, RLE works inside the eye and is particularly suitable for patients with thin or irregular corneas.

The article notes that while most patients experience a dramatic improvement in their vision, results can vary based on the severity of the astigmatism and other individual factors. Some patients may still benefit from light prescriptions for specific tasks, but the need for full-time glasses or contact lenses is often greatly reduced. For patients who have dealt with multiple prescriptions, bifocals, or contact lens discomfort, RLE provides the chance to simplify their visual routine and enjoy greater independence. Dr. Tersigni emphasizes realistic expectations, ensuring every patient understands their options and likely outcomes based on their anatomy and lifestyle.

Tersigni Vision's approach is built around personalization at every step. From the initial consultation to post-operative care, Dr. Tersigni works closely with each patient to understand their goals, vision history, and day-to-day needs. This includes evaluating how astigmatism affects activities such as reading, driving at night, or using digital devices. By customizing the treatment plan with this level of attention, patients are more likely to achieve visual clarity that supports the demands of their everyday life. For individuals who are active, professionally engaged, or simply tired of managing multiple pairs of glasses, the option to correct astigmatism through RLE can be life-changing.

Another important distinction made in the article is the difference between Refractive Lens Exchange and cataract surgery. While the surgical process is similar, the primary difference lies in timing. Cataract surgery is typically performed after the natural lens has become cloudy and is interfering with vision. RLE, on the other hand, is performed proactively?before cataracts develop?offering a preventive approach that also provides immediate visual benefits. Patients who choose RLE avoid the eventual need for cataract surgery altogether, making it a strategic and long-term vision correction solution.

In terms of effectiveness, studies and in-practice results have shown that toric lenses used in Custom Lens Replacement produce reliable outcomes in correcting significant levels of astigmatism. Patients commonly report clearer vision at multiple distances and a reduced need for assistive eyewear. While the correction is not always perfect in every case, the improvement is usually substantial enough to change how patients navigate their daily activities. Importantly, the correction achieved through RLE does not wear off or regress,

as the artificial lens does not age the way a natural lens does.

For reporters seeking insights on the evolution of astigmatism treatment, the article Can Refractive Lens Exchange Correct Astigmatism? provides a comprehensive look at the procedure?s potential and clinical application. With astigmatism affecting millions of adults in the U.S., and many patients reaching the age where presbyopia and early cataracts begin to interfere with vision, Refractive Lens Exchange is becoming a key solution in modern ophthalmology. Dr. Tersigni is available for interviews to discuss how advancements in lens technology are improving outcomes and expanding eligibility for patients who may have once had limited choices. To learn more about the procedure or to request a consultation, visit the Tersigni Vision website.

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Tersigni Vision

A Modern LASIK and Vision Correction Boutique in Portland. Oregon. Tersigni Vision is the only vision correction center in Oregon to offer the entire portfolio of modern LASIK alternatives.

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