Custom vs. Standard LASIK in Portland, Oregon: New Resource from Tersigni Vision Helps Patients Understand Key Differences

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Tersigni Vision has published a comprehensive educational resource titled "Custom vs. Standard LASIK in Portland, Oregon," offering clarity on the distinctions between two of the most commonly performed laser vision correction procedures. The article explores how custom LASIK, also known as wavefront-guided LASIK, uses advanced diagnostic technology to correct both standard refractive errors and higher-order aberrations?subtle imperfections that glasses or standard LASIK cannot correct. Patients seeking a deeper understanding of these options now have access to a guide that explains the clinical benefits, cost considerations, and candidacy requirements relevant to Portland-area residents.

Custom LASIK utilizes wavefront mapping technology that generates a 3D map of the eye, allowing for precise treatment of unique visual distortions. According to FDA clinical trial data cited in the article, wavefront-guided systems can measure and treat vision errors with a level of precision up to 25 times greater than standard measurements used in traditional LASIK. These higher-order aberrations are often responsible for symptoms like halos, glare, and reduced contrast sensitivity?particularly during night driving. For Portland-area patients who frequently drive through challenging low-light environments such as the West Hills

or along I-5, understanding these distinctions is critical to making an informed decision.

Recent advances in wavefront-guided LASIK have significantly improved outcomes for patients with complex vision profiles. Peer-reviewed studies published in the Journal of Cataract and Refractive Surgery have shown that patients undergoing custom LASIK report 30 to 40 percent fewer night vision complaints, such as halos and glare, compared to those who received standard LASIK. This reduction is especially relevant for individuals with larger pupils or pre-existing nighttime visual disturbances. As demand increases for tailored surgical options, practices offering advanced diagnostics and customized treatments are seeing a growing number of patients seeking alternatives to conventional one-size-fits-all procedures.

The article also provides insight into the cost differential between custom and standard LASIK, noting that custom treatment typically adds $300 to $600 per eye due to the enhanced diagnostics and individualized treatment planning involved. However, the analysis emphasizes that the decision should not be based solely on cost. Instead, patients are encouraged to consider specific factors such as pupil size, degree of astigmatism, and existing night vision symptoms when evaluating whether custom LASIK may offer meaningful benefits. Standard LASIK may still be appropriate for individuals with mild to moderate refractive errors and no significant nighttime visual disturbances.

At the center of this discussion is Dr. Steven Tersigni, a fellowship-trained refractive surgeon and founder of Tersigni Vision. Dr. Tersigni personally evaluates every patient using wavefront aberrometry and other advanced diagnostics to determine the most appropriate vision correction approach. Tersigni Vision is the only refractive surgery practice in Oregon offering the full portfolio of modern alternatives to LASIK?including EVO ICL, PRK, SMILE, and refractive lens exchange?ensuring that patients are matched to the procedure that best fits their unique visual profile rather than defaulting to a one-size-fits-all solution.

The article outlines key questions patients should ask when selecting a LASIK surgeon, including whether the practice uses femtosecond lasers for bladeless flap creation, offers wavefront-based diagnostics, and provides access to multiple types of vision correction procedures. It also highlights the importance of surgical expertise, noting that Dr. Tersigni has participated in ten FDA clinical trials related to vision correction technology.

Tersigni Vision, located in Lake Oswego just outside of Portland, serves patients from across the region including Beaverton, Tigard, West Linn, and Vancouver, Washington. With a commitment to education and transparency, the practice aims to help prospective patients understand whether custom LASIK, standard LASIK, or another solution is best suited to their vision goals.

Dr. Steven Tersigni is available for comment on topics related to custom LASIK, vision correction technology, and the evolving landscape of refractive surgery. Media inquiries may be directed through the contact information available on the Tersigni Vision website. To view the full article, visit "Custom vs. Standard LASIK in Portland, Oregon" on the Tersigni Vision website.

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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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