Las Vegas Eye Institute Introduces Contoura LASIK: The Future of Vision Correction

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Las Vegas Eye Institute is proud to announce the introduction of Contoura LASIK, also known as Contoura® Vision Topography Guided LASIK, an innovative advancement in laser vision correction technology. Under the expert guidance of Dr. Matthew Swanic, this cutting-edge procedure is now available to patients seeking a superior solution for their vision correction needs. Las Vegas Eye Institute has released an article, titled ?What is Contoura LASIK??, to help inform patients about the procedure. The article can be found on the Institute website here: https://lasvegaseyeinstitute.com/lasik/what-is-contoura-lasik/

Contoura LASIK represents a significant leap forward in the field of laser eye surgery. Unlike traditional LASIK, which primarily focuses on correcting refractive errors based on the patient's prescription for glasses or contact lenses, Contoura LASIK utilizes detailed corneal mapping to address both refractive errors and corneal irregularities. This advanced approach aims to provide a higher degree of precision and potentially better visual outcomes for patients.

The foundation of Contoura LASIK lies in its ability to create a highly detailed map of the cornea using the WaveLight Topolyzer Vario Diagnostic Device (VARIO). This sophisticated device captures up to 22,000 data

points on the cornea, revealing its unique topography?its peaks and valleys?much like a fingerprint. This detailed mapping allows for an unprecedented level of customization in the laser correction procedure, tailored to the unique characteristics of each patient's eyes.

Dr. Swanic, a leading expert in laser vision correction, explains, "Contoura LASIK offers a more personalized approach to vision correction. By addressing the specific irregularities of each patient's cornea, we can achieve a higher degree of precision compared to traditional LASIK. This means not only correcting refractive errors such as nearsightedness, farsightedness, and astigmatism but also smoothing out microscopic imperfections on the corneal surface, which can significantly improve the quality of vision."

The potential for superior visual outcomes with Contoura LASIK is supported by compelling data. Clinical studies have shown that 93% of eyes achieved 20/20 or better uncorrected distance visual acuity (UDVA) one year after the procedure, with 65% achieving 20/16 or better UDVA, and 34% reaching 20/12.5 or better UDVA. These results highlight the exceptional precision and effectiveness of Contoura LASIK in delivering clearer, sharper vision.

Dr. Swanic emphasizes the importance of Contoura LASIK?s Vario Topolyzer in achieving optimal results: "The Vario Topolyzer's ability to capture a high number of data points and provide a detailed corneal map is essential for the success of Contoura LASIK. It allows us to perform a more precise correction of visual aberrations, potentially leading to better visual outcomes compared to traditional LASIK procedures."

In addition to the advanced technology, patient safety and candidacy are paramount considerations for Las Vegas Eye Institute. Not all patients are suitable candidates for Contoura LASIK. The procedure requires a detailed evaluation of the cornea's shape and thickness to determine eligibility. Dr. Swanic and his team conduct thorough assessments to ensure that each patient will benefit from this level of customization. Candidates must be within the approved treatment range, and the decision to proceed with Contoura LASIK involves a comprehensive analysis by the surgeon.

Contoura LASIK has been approved by the US Food and Drug Administration (FDA) since 2016 for the correction of myopic (nearsighted) vision and astigmatism. This approval followed extensive clinical trials, underscoring the procedure's safety and effectiveness. Patients who undergo Contoura LASIK at Las Vegas Eye Institute can have confidence in the proven track record of this advanced technology.

Dr. Swanic's expertise in performing Contoura LASIK ensures that patients receive the highest standard of care. His dedication to staying at the forefront of laser vision correction technology is evident in the successful outcomes reported by his patients. Many have expressed high levels of satisfaction with their improved vision and the reduced or eliminated need for corrective eyewear.

One of the key advantages of Contoura LASIK is its ability to address subtle visual symptoms that some patients experience after traditional LASIK, such as halos or glare. By creating a smoother corneal surface, Contoura LASIK can potentially reduce or eliminate these symptoms, providing patients with clearer and more comfortable vision, especially in low-light conditions.

As more people seek advanced solutions for their vision correction needs, Las Vegas Eye Institute remains committed to offering the latest and most effective technologies. Contoura LASIK represents a significant advancement in laser vision correction, providing a personalized approach that aims to deliver the best possible visual outcomes for each patient.

Las Vegas Eye Institute is dedicated to providing patients with the highest quality of care and the most advanced vision correction technologies. With Contoura LASIK, they continue to lead the way in offering innovative solutions that improve the lives of their patients. Contact them today to learn more about this revolutionary procedure and how it can enhance one's vision.

For reporters seeking more information or quotes from Dr. Matthew Swanic, please contact Las Vegas Eye Institute. To learn more about Contoura LASIK and schedule a consultation, visit their website at www.lasvegaseyeinstitute.com.

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