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The Best Vision Newsletter

Custom Wavefront Treatment for Laser Vision Correction

Custom Wavefront Ablation (CWA) is an exciting step forward in laser vision correction (LVC). LVC has traditionally provided the same type of correction as spectacles or contact lenses by permanently treating myopia, hyperopia, and astigmatism. These lower order aberrations are the greatest contributors to refractive errors of how light is focused by the eye, and are typically measured in 0.25 diopter steps.

Custom Wavefront Ablation, by contrast, offers the ability to measure and then treat all of the eye's visual errors. Recent studies have revealed that additional subtle visual errors (called "higher order aberrations") limit eyesight, and that correcting these aberrations can improve visual outcomes after laser vision correction. These measurements are 25 times more precise than traditional evaluation, and can be measured in hundredths of a diopter.

Our clinical results from custom laser treatment using the VISX S4 laser have been excellent and closely mirror those of the US FDA CustomVue study. Following VISX CustomVue LASIK, 94% of study participants could see 20/20 uncorrected visual acuity (UCVA) or better, 74% could see 20/16 UCVA or better, and 27% could see 20/12.5 UCVA or better at one year. Also, nearly 70 percent had either the same or better post-op vision than their best pre-op visual acuity with glasses or contacts. Additionally, four times as many participants were "very satisfied" with night vision compared to pre-op with glasses or contacts.

20/20 visual acuity is considered the benchmark of good vision and is commonly achieved with conventional LVC. However, use of **Custom Wavefront Ablation achieves 20/20 or better visual acuity and improved night vision significantly more often than conventional LVC!**

We welcome the opportunity to discuss how we can enhance the quality of life for your patients through Custom Wavefront Laser Vision Correction.

Schedule a COMPLEMENTARY Laser Vision Correction evaluation for your patients or staff today!

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We dedicate ourselves to enhancing the quality of life for every individual whose life we touch, by helping each to see his or her best, and by preserving our patients' vision and eye health throughout life.

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