Custom LASIK Procedures

The Technology Makes All The Difference.



Shahin Shahinfar, MD Medical Director, Bloomberg Eye Center

On the virtues of VISX CustomVue Technology

At the Bloomberg Eye Center we have had the unique opportunity of working with several quality laser platforms in performing LASIK procedures. As Central Ohio's most experienced LASIK provider, we have found the VISX CustomVue system to be superior in terms of vision quality and correction of irregularities, or "higher order aberrations." that cause blurred vision.

Why is custom treatment important?

Most lasers correct near- and far-sightedness as well as astigmatism. However, most people's eyes have some degree of additional irregularities that can only be detected and corrected with the CustomVue system. The importance of customized treatment depends on the degree of these irregularities. For many patients the CustomVue system makes a small but significant difference in the quality of vision they experience, especially at night. However, for patients with higher degrees of irregularity, custom treatment can make a tremendous difference.

Iris Recognition Technology

The latest advancement that makes the CustomVue system so unique is the introduction of Iris Registration, which captures the unique iris features to produce a detailed "map" of the eye. This information is then translated into a set of CustomVue treatment instructions and digitally transferred to the laser for near perfect matching of the laser treatment

plan with the patient's cornea for superior results. Bloomberg Eye Center, the Consumer's Choice award winner for quality, value and service in laser vision correction, was the first facility to bring Iris Recognition technology to Central Ohio, and we continue to realize amazing success with it.

FDA Clinical Study Results

At one year after having a VISX CustomVue LASIK procedure;

- 100% of clinical study participants could pass a driving test without glasses or contacts.
- 98% of clinical study participants could see 20/20 or better without glasses or contacts.
- 70% of clinical study participants could see 20/16 or better without glasses or contacts.

Four times as many clinical study participants were very satisfied with their night vision after the VISX CustomVue procedure, compared to their night vision before with glasses or contacts.

For more information on CustomVue technology, visit www.visx.com or call the Bloomberg Eye Center.



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