

WAVEFRONT GUIDED ABLATIONS—CUSTOMLASIK/CUSTOM CORNEA

WHAT IS CUSTOM CORNEA?

Custom Cornea is a major breakthrough in laser vision correction. Just like your fingerprint and DNA are unique to you and only you, so is the map of the optical imperfections in your vision. A fingerprint of your vision if you will. Based on this information, the Custom Cornea software allows us to design a treatment that is unique to you and only you.

With conventional Lasik, if we had 100 patients of your age, who have your correction, they will all receive the same laser treatment. With CustomLasik, each patient will receive a different treatment. Like a custom tailored suit versus a suit off the rack.

WHY CUSTOMLASIK?

CustomLasik is infinitely safer, and infinitely more precise. The benefit is the highest ever chance of achieving 20/20 binocular vision (92% of our patients achieve 20/20 or better following the surgery, and 100% achieve 20/25 or better), but even more important, is the potential for better crispness of vision that may be better than you ever experienced in your life wearing glasses or contacts lenses. It is also safer since it reduces the chance of night symptoms to less than 1% compared to up to 13% with conventional LASIK in patients with myopia and astigmatism. CustomLasik to conventional Lasik is like high definition TV compared to regular TV. Patients who have had one eye done with conventional Lasik and the other with CustomLasik, definitely notice the difference and prefer the custom eye.

WHAT DOES CUSTOMLASIK COST MORE?

CustomLasik is a huge leap forward in technology. New technology is always more expensive. The difference in cost from conventional Lasik is basically what is costs us for royalty fees.

WHO IS A CANDIDATE?

Patients who are candidates for LASIK and fit the current parameters would be candidates for CustomLASIK. Your patient counselor and your surgeon will advise you if you are a candidate.

With the ALCON laser- Myopic patients with up to -7.99 diopters and astigmatism of up to -1.49 diopters.

With the Bausch & Lomb-Technolas laser- Myopic patients with up to -6.50 diopters and astigmatism up to -3.00 diopters, with a spherical equivalent of up to

-7.50 diopters. Additionally, the aberrometer, rather than the manifest refraction, determines who is a candidate for CustomLASIK surgery.