Learn 6 Types of Laser Eye Surgery

Description

When you think of laser eye surgery, what is the first treatment that springs to mind? You’re not the only one who has heard about LASIK. LASIK is not, however, the only permanent vision correction procedure available, contrary to common opinion.

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In fact, many individuals are unaware of six more types of laser eye surgery.

Durrie Vision is the only clinic in the region that provides all seven laser eye operations, which means that even if one isn't perfect for you, we have six others to help you achieve your vision goals. Continue reading to discover more about the many types of laser eye surgery and which one could be right for you.

What You Need to Know About Laser Eye Surgery Cost in Kansas City

SBK Advanced LASIK

The most advanced form of laser vision correction surgery is SBK Advanced LASIK. It is used to address common vision problems such as farsightedness, nearsightedness, and astigmatism.

During the LASIK surgery, your doctor first uses a femtosecond laser to produce a micro-thin circular flap in your cornea (the thin, outer skin of the eye). The cornea is then reshaped using a computer-

guided excimer laser to rectify the refractive defect.

While this is the most common type of laser eye surgery in Kansas City, not every patient we see is a candidate for it. That's when we can start looking into other possibilities.

Exchange of Refractive Lens

Refractive Lens Exchange (RLE) is a popular eye operation for persons suffering from presbyopia, a common age-related disorder that causes progressive loss of near vision before progressing to cataract. Your surgeon replaces your malfunctioning natural lens with a quality intraocular lens engineered to enhance focusing power at near, moderate, and long distances during an RLE treatment. RLE not only decreases or eliminates the need for glasses, bifocals, and/or readers, but it also inhibits the development of cataracts in the future.

Cataract Refractive Surgery

If you have a cataract, your eyesight will continue to decrease as the lens hardens, yellows, becomes clouded. The lens must be removed and replaced with an artificial lens implant to restore eyesight. Recent advances in lens technology make it possible to eradicate not only a cataract, but also a patient's reliance on glasses and bifocals. The clouded lens is replaced with an intraocular lens designed to correct common visual disorders such as nearsightedness, farsightedness, astigmatism, and presbyopia during Refractive Cataract Surgery.

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Surface Ablation at its Finest (ASA)

Advanced Surface Ablation, often known as PRK, corrects vision by reshaping the cornea. As a result, it is comparable to SBK Advanced LASIK, with the main distinction being that your surgeon will not construct a corneal flap. Instead, the surgeon will remove the outer skin of your cornea before applying the laser straight to it. As a result, whether you have limited corneal thickness, scarring from contacts, previous eye surgeries, or certain vocational or recreational needs, this form of laser eye surgery can be a wonderful LASIK option.

Vision Correction using SMILE

The SMILE (Small Incision Lenticule Extraction) method is a minimally invasive surgery for correcting nearsightedness and astigmatism. The femtosecond laser is used to create a thin contact-like layer and a small aperture inside the cornea. The lenticule is subsequently removed by the surgeon, which alters the shape of the cornea and achieves the necessary refractive correction.

IOLs for Phakic

Phakic Intraocular Lenses are intended for patients who are not LASIK candidates due to excessive nearsightedness. Microscopic lenses are implanted behind the iris and in front of the native lens during the Phakic IOL technique. In this position, the implanted lens functions to properly focus light into the retina, resulting in clear distance vision and reducing or eliminating your reliance on thick glasses or

contacts.

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1. Lifestyle

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