

Lasik Eye Surgery

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Lasik Eye Surgery

LASIK is performed in two steps. The first step is to create a flap of _____ tissue. A _____ suction ring is applied to the eye, holding the eye in place. The step in the procedure can sometimes cause small blood vessels to _____ resulting in bleeding or _____ hemorrhage into the white of the eye, a harmless side effect that resolves within _____ weeks. Increased suction typically causes a transient _____ of _____ in the treated eye. Once the eye is immobilized, the flap is created. This process is achieved with a mechanical _____ using a metal blade, or a _____ laser _____ (procedure known as IntraLASIK) that creates a series of tiny closely arranged bubbles within the cornea. A hinge is left at one end of this flap. The flap is folded back, revealing the _____ the middle section of the cornea. The process of lifting and folding back the flap can be uncomfortable.

The second step of the procedure is to use an excimer laser to remodel the _____. The laser vaporizes _____ in a finely controlled manner without damaging adjacent _____ by releasing the molecular bonds that hold the cells together. No burning with heat or actual cutting is required to ablate the tissue. The layers of _____ removed are tens of micrometers thick. Performing the laser ablation in the deeper corneal stroma typically provides for more rapid _____ and less pain.