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Lasik Doctors Use Cutting-Edge Technology to Correct Eye Aberrations by [Ferzaad Moosa](#)

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None of us like to use spectacles; but the thought of getting your eye corrected through refractive procedures is frightening for some. That is why it is important to know about the benefits of Lasik surgery by which you can rid yourself of your glasses. With advanced technology and the surgical skill of Lasik eye surgery doctors, you can experience a dramatic change in your vision which will transform your life.

Information about Lasik Surgery

Lasik or "laser in situ keratomileusis"™ is nothing but using a laser beam to correct the contour of the cornea. This will improve vision. When there are imperfections in the cornea, the beam of light is not refracted properly. Lasik eye surgery doctors can rectify the cornea through a surgery.

There are a few types of Lasik surgery performed; one is the "PRK or Photorefractive Keratectomy"™ which involves scraping off a few exterior cornea cells and then re-shaping the cornea with laser beam. The E-Lasik or Laser Epithelial Keratomileusis method involves lifting a flap of the corneal epithelium and correcting the cornea. In the Epi-Lasik method, the flap is carefully separated and the Lasik doctor uses the laser beam to do the work.

The Revolutionary Allegretto Wave 400 Surgery

Lasik eye surgery doctors are now using the latest laser surgery called the Allegretto Wave Eye-Q 400. This is a German designed excimer laser for treating astigmatism, farsightedness and nearsightedness. The wavefront technology can personalise the treatment according to the patient's™ corneal curvature.

In this treatment the laser constantly adjusts to the patient's™ eye position. The eye's™ position is measured and the mirrors in the instrument are aligned automatically. When the Lasik doctor has confirmed the eye position, the release of the laser pulse takes place which occurs 400 times per second. This happens once for each laser pulse.

The groundbreaking wavefront technology can correct aberrations such as halos, blurry images and glares. Other smaller problems such as astigmatism, hyperopia and myopia can also be corrected. But, the greatest benefit is in giving quality vision.

Selecting a Good Lasik Doctor

Choosing a Lasik doctor may not be difficult but you should be certain that he/she is a capable one. Good credentials, experience and the readiness to provide post-operative consultations are some indicators of a good doctor. Following are a few factors to consider before selecting a good refractive surgeon.

• The "National Practitioner Data Bank"™ will give you details of a surgeon's™ credentials.

• Board certification is another factor to look out for, besides a license.

• Select a Lasik doctor who is an FACS or "Fellow of American College of Surgeons"™. This entity follows a strict process of credentialing.

â€¢ Get referrals from your Ophthalmologist or you can even get recommendations from reputed surgeons.

â€¢ The internet is a good resource to get information about doctors and good hospitals where the procedure is carried out.

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