

# UDAYA RAVI EYE HOSPITAL

Passion for eye care

## A day Care Microsurgical center

#572, 60 Feet Road, 4<sup>th</sup> Stage, BEML Layout, Rajarajeshwari Nagar, Bangalore- 560098

Ph nos: 080 28611519, 9108641212, 9071218183, email: [info@ureyehospital.com](mailto:info@ureyehospital.com)

[www.ureyehospital.com](http://www.ureyehospital.com)



## LASIK- LASER VISION CORRECTION

### See & Enjoy the World - Free From Glasses

For sure your life changed when you got the glasses and you always wanted to get rid of those pair of glasses, now you can revert back to those specs free life and enjoy the world without any spectacles.

Laser vision correction helps to completely get rid off or reduce your dependency on glasses. To make an informed decision you need more information; so we would like to answer some of the questions you may have while considering this procedure.

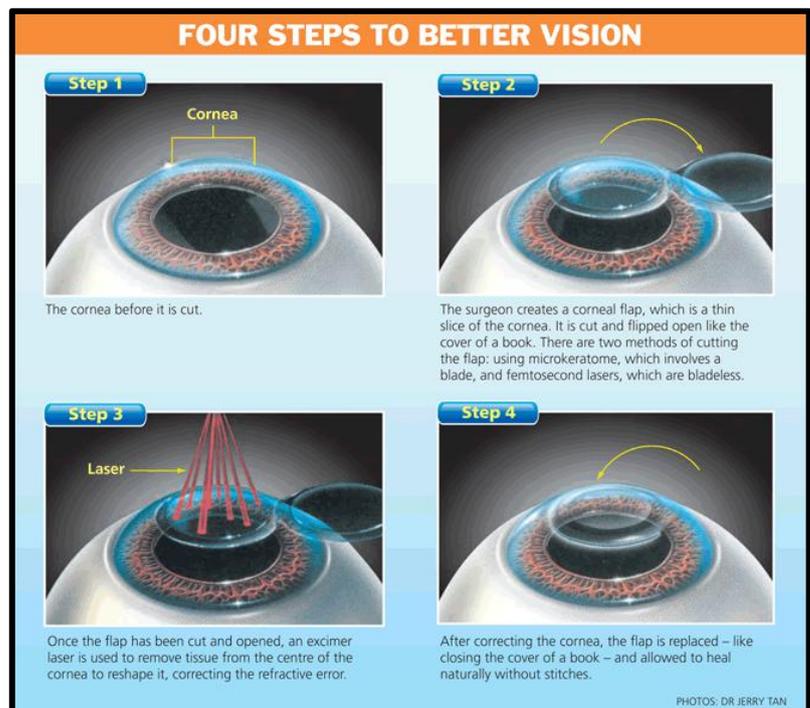
#### What is LASIK?

Laser Assisted Stromal In-situ Keratomileusis [LASIK] is a method of re-shaping the external surface of the eye [the cornea] to correct low, moderate and high degrees of nearsightedness, astigmatism and far-sightedness. During the treatment, an instrument called the microkeratome creates a corneal flap to make it a painless procedure. The computerized Excimer laser then uses a cool beam of light to gently reshape the cornea so as to alter its curvature to the desired extent. The flap when replaced on the new corneal curvature allows images to be sharply focused on the retina. The goal is to eliminate or greatly reduce the dependence on glasses or contact lenses.

#### Who is a candidate?

The treatment is for patients who have a refractive error and meet certain visual and medical criteria. In addition the best candidates tend to be those who are dissatisfied with their contact lenses or glasses and are motivated to make a change, whether it is due to occupational or lifestyle reasons. However, only a thorough examination by our LASIK team can evaluate whether or not you are medically suited for LASIK.

We are using the most up-to-date and proven techniques and technology to provide optimum results. More importantly, if you qualify as a candidate for LASIK or another type of vision correction, we will recommend the best procedure for your visual needs; if you don't qualify as a candidate, we'll tell you that as well.



### **Is LASIK safe?**

Yes. When choosing this method to improve your vision safety should be your first concern. It's ours too. New generation Excimer lasers and advances in technique offer the highest degree of accuracy and utmost safety. Recent studies conducted internationally and by us show it to be a very safe and effective procedure.

### **Is LASIK successful?**

Yes. LASIK is a permanent treatment. However, patients who are 40 years and above may require reading glasses. Millions of patients worldwide and thousands in our hands have had an Excimer laser refractive procedure done on them successfully. During your consultation we will give you an idea of the procedure and the level of vision you can expect.

### **Are there other refractive procedures?**

Apart from LASIK other refractive procedures are Epi-LASIK, Femto-LASIK, Phakic IOL - ICL (Implantable Contact Lens) and refractive Lens Exchange. After complete pre-operative checkups which include Corneal Topography and Pachymetry scanning, our doctors will suggest appropriate procedure for the person seeking laser vision correction. You will have detailed discussion with our Specialist regarding Pros & cons of suggested refractive procedure. You may have also heard about the surgery known as RK [radial keratotomy]. You need to understand that this is completely different, outdated procedure from LASIK with less predictable results.

### **Is this the latest technology?**

The latest and most reliable procedure is Wave front-Optimized LASIK, a customized treatment for each eye. Our excimer lasers use high-speed sensitive eye trackers to ensure perfectly centered treatments. Wavefront procedures even often leave patients with eyesight better than normal. We are committed to providing our patients with the best that technology and technique has to offer. The laser machine that we use is Wavelight's Allegretto 400 Hz Excimer Laser from Alcon Inc. It is the safest, fastest and most accurate Lasik machine around the world.



### **Does this procedure hurt?**

No. There is no pain during the procedure. There may be mild discomfort for a few hours after the procedure.

### **I need to know what to expect the day of treatment?**

This is an outpatient procedure. The laser treatment usually takes less than a minute. The entire procedure usually takes 5-10 minutes per eye. First you will lie on a motorized bed to which the laser is attached. Anesthetic drops will be placed in the eye. The head is positioned under the laser and the eyelids are gently and comfortably kept open during the treatment with the help of a soft clip by our doctor. You will be asked to look at a blinking light during the entire procedure. Once the procedure is completed, a soft corneal protective shield is sometimes placed on the eye. A post-procedure eye examination is performed and eye drops are prescribed. We will inform you about the follow-up schedule.

### **How soon can I return to work?**

You will notice an improvement in vision within 4-6 hours and a restoration of functional vision by the next morning. However, complete recovery may take up to 48 hours. Some people get back to work the day after treatment. Two or three days are suggested.

Meet Dr Vidyashankar G Kulkarni, our LASIK eye surgeon today. A new world of natural vision could be waiting for you.

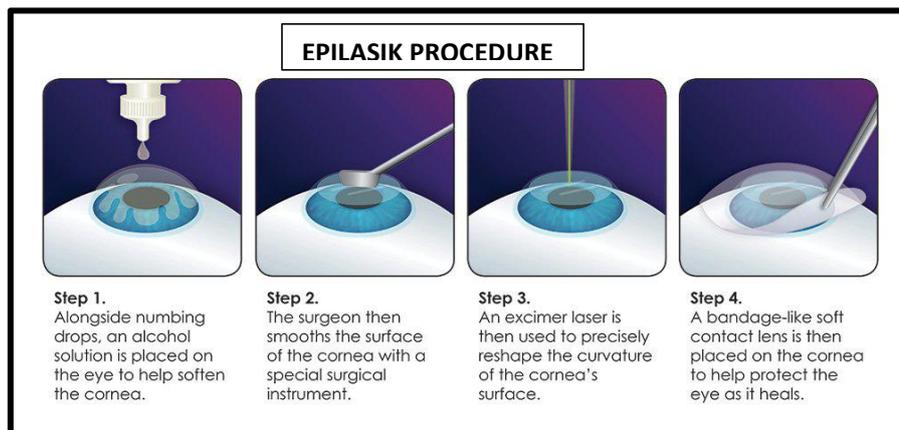
# EPI-LASIK SURGERY

This is a Wavefront-Optimized 'No- flap' or 'No Cut' or 'Blade free' LASIK.. also called PRK.

EpiLASIK is indicated for patients who are found to be unfit for LASIK or have special requirements.

These include those:

1. With thin cornea
2. With a diagnosis of dry eye
3. Choosing careers like Aviation, Cabin Crew, Navy, Army etc where LASIK is not preferred.
4. Who fear the creation of the LASIK 'flap'



Epi-LASIK is a safe, effective and permanent procedure, performed using the same excimer laser used for LASIK, however differing from LASIK in only the first few steps, as no 'flap' is created in this procedure.

## Recovery when compared to LASIK

The visual recovery (time for return to work), perhaps 3-4 days, is not as rapid as LASIK (1-2 days). Discomfort can last for 24 to 36 hours compared to 6 hours for LASIK.

After a complete eye examination, we will determine if Epi-LASIK is the best option for you. If you are a good candidate, you will be given additional information about the procedure that will allow you to make an informed decision about whether to proceed.

We would also like to know the following information to help us understand the type of treatment applicable for you:-

1. Age
2. Current Refraction (spectacle numbers)
3. Lifestyle – outdoor, computers etc / profession
4. Any significant medical or eye history
5. An eye report / tests done

This will enable us to know the eligibility for the procedure, before visiting us, although the final check with our Refractive surgeon, Dr Vidyashankar G Kulkarni will determine all of these as well. You can email us any queries or fill the contact us form.

## LASER EYE PROCEDURE COSTS

LASIK Fees, Laser Eye Treatment Cost - Bangalore , India

Many of you have seen bargain ads for LASIK. Deals can be dangerous or misleading. In India, LASIK cost varies from centre to centre being as low as Rs 5,000/- per eye to as high as over a lakh of rupees. Many laser centers typically use older technology that is far cheaper with minimal medical safety protocols and quality control. People expect that fees should be somewhere between Rs 25,000/- to Rs 45,000/- . What they fail to understand is that some centers may charge you this for very poorly maintained lasers, re-use disposables and do not have the expertise to deal with complications. In a surgery where tests like HIV are not done for patients, it becomes extremely important to tread with caution when choosing a LASIK centre.

For the exact cost please fill have a consultation with us.

### **Laser Vision correction Pre-op Evaluation-**

This entire evaluation takes about 2 hours.

Tests include

- Detailed eye check-up including refractive error assessment
- Topography
- Pachymetry
- Dry eye test
- Cycloplegic refraction
- Pupil size in dim light

Cost of LASIK will vary from centre to centre, and this is determined by what technology and expertise of the surgeon they offer you.

Dr Vidyashankar G Kulkarni is our laser eye surgeon he will conduct various tests himself. In fact, Dr Vidyashankar G Kulkarni sees you not just pre LASIK, does the procedure himself, but also sees you post LASIK as well.

The test are done for 2 things, one for the quantitative part, which is to determine if you will achieve 20/20 or 6/6 vision or not, and more importantly the qualitative part, which determines if this procedure is safe for you especially in the future. These tests include Refraction, pupil size checking for night vision issues, dry eye test, topography test, corneal thickness etc.

Dr Vidyashankar G Kulkarni renowned Cornea & refractive surgery Specialist has been doing LASIK & other procedures for more than 12 years. He has done more than thousand Laser eye operations which include LASIK, EPILASIK, PRK, Wavefront-Guide Lasik, Topo-Guided LASIK etc.

Most importantly is to see what procedure your eye needs and is suitable for you. Our aim is to make you 20/happy without having any side effects in future.

This comes only after your checkup with Dr Vidyashankar G Kulkarni who will plan the treatment with you.

So, the best step forward for you is to schedule an evaluation with Dr Vidyashankar G Kulkarni and determine what is specific for your eyes rather than just seeking general information online.

So, leave us your contact details by filling the form on this page, send us your query to [info@ureyehospital.com](mailto:info@ureyehospital.com) or call us on 080 28611519

We will also be happy to answer any queries that you may have, call us on +91 9108641212

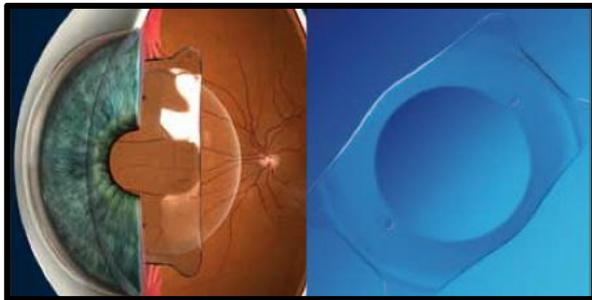
We are very pleased to offer you the finest, most individualized laser vision correction existing today. We do LASIK like we would want it done for our own family members, many of whom we already have. We plan and perform your procedure using the best customized plans with the safest technology available worldwide to help you achieve your personal best vision.

Instead of just performing the laser treatment, we're committed to taking care of you after your procedure to ensure a great long-term result!

Your sight is too important to take unnecessary risks. Since it involves your eyes, we would request you to not consider price as the sole deciding factor. You will be misled with this.

It's important to do your homework and research before having LASIK. You should learn as much as you can about available technologies and about your surgeon in whom you place your trust to take care of your precious sight.

## **PHAKIC IOLs- IMPLANTABLE CONTACT LENS – ICL**



The ICL (Implantable Contact Lens) is a refractive error solution that is ideal for those found unfit for other refractive procedures such as LASIK, EpiLASIK etc.

ICL or Implantable Contact Lens, as the name suggests, is a kind of contact lens which is implanted into the eye and does not require frequent removal like a normal contact lens. This phakic lens implant (here your natural lens of the eye is intact and is not removed) has numerous advantages for correction of the widest range

of myopia (near sightedness), hyperopia (far sightedness) and astigmatism (cylindrical power).

### **Good candidates for the ICL include patients who:**

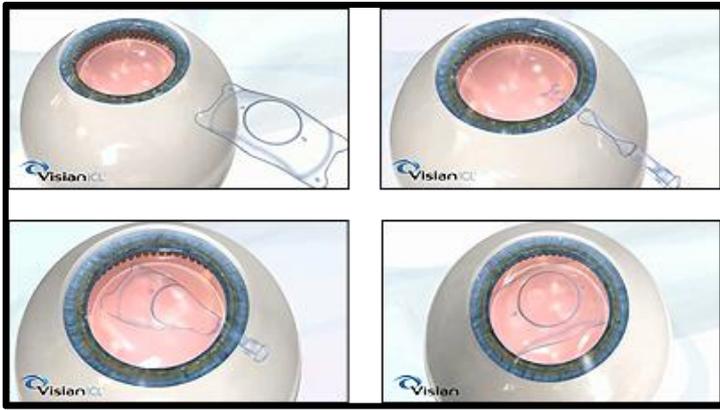
- Are between the ages of 18 and 45 years.
- Have dry eyes, very high myopia (above -12.00D), or a thin cornea (non-LASIK candidate).
- Are nearsighted or farsighted, including those with mild, moderate, and high power with or without occurrence of astigmatism. The Toric ICL™, capable of correcting myopia and astigmatism together and combines two procedures into one.
- Have proper anterior chamber depth as will be determined by the eye surgeon or ophthalmologist after a comprehensive eye exam.
- Have not had a change in their eyeglass prescription of more than 0.50 Diopters in a year.
- Are not currently pregnant.
- Have no known allergies to medications used during refractive surgery or no other contraindications.

The ICL is made of Collamer®, a highly biocompatible advanced lens material which contains a small amount of purified collagen. Collamer does not cause a reaction inside the eye and it contains an ultraviolet filter that provides protection to the eye.

Currently we use ICL's from the STAAR Surgical Company, the company that manufactures ICL. The Toric ICL is only a variant which corrects your nearsightedness as well as your astigmatism (cylindrical power) in one single procedure.

All ICL's are custom made to meet the needs of each individual eye, after measurements and data are taken and sent to the manufacturing company. This type of lens implant has been available internationally for over 12 years.

The implant does not treat presbyopia (difficulty with reading in people 40 and older), but you can use reading glasses as needed after receiving the ICL.



#### Procedure:

The procedure is performed under topical anesthetic eye drops.

Our eye specialist and ICL expert will insert the ICL through a small micro-incision, placing it inside the eye just behind the iris (coloured part of the eye) and in front of the eye's natural lens.

The implantation procedure for the ICL (Implantable Contact Lens) is refractive eye

surgery that involves a procedure similar to the intraocular lens (IOL) implantation performed during cataract surgery. The main difference is that, unlike cataract surgery, the ICL eye surgery does not require the removal of the eye's natural lens.

The ICL procedure is a relatively short procedure which takes about 15-30 minutes. It is simple and nearly painless.