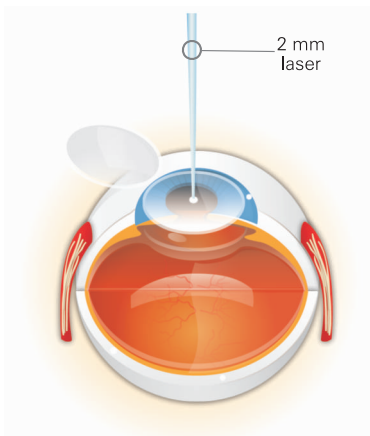


## CARING FOR YOU

For over half a century, Vasan Eye Care has been providing quality eye care to the people of India by always emphasizing on putting the needs of the patients first. Today, as the world's largest eye care network, we have over 175 hospitals across the country. Our dedicated team of 800+ ophthalmologists and our CARE team of over 8000 staff make a difference to thousands of lives each day attending to over 30,000 walk-ins everyday and performing over 700 surgeries per day. Our penchant for high quality standards ensures that our patients and their families always get the best.



Advanced LASIK Surgery is the latest treatment available to permanently rectify refractive errors of the eye, freeing patients from spectacles and contact lenses.



### The Vasan Eye Care Hospital Network

ANDHRA PRADESH | CHANDIGARH | GUJARAT | HARYANA | JHARKHAND  
KARNATAKA | KERALA | MADHYA PRADESH | MAHARASHTRA | NEW DELHI  
PONDICHERRY | PUNJAB | RAJASTHAN | TAMIL NADU | UTTAR PRADESH  
WEST BENGAL | **INTERNATIONAL:** SRI LANKA - Colombo | UAE - Dubai  
**OPENING SOON AT:** BIHAR | GOA | JAMMU & KASHMIR | ORISSA

We pledge to serve you. Always. Send your feedback to [chairman.feedback@vasaneye.in](mailto:chairman.feedback@vasaneye.in)



**Get rid of your glasses**

Advanced  
**LASIK Surgery**  
offered by the world's largest  
eye care network



## The human eye and refractive errors

The human eye is an optical marvel which functions similar to a camera. When light rays pass through the lens of the eye, it focuses the rays to the retina. The retina is a screen like part of the eye which has billions of photo receptors. These receptors convert the image into electric impulses which are transmitted to the brain by the optic nerve.

When the eyes are not able to focus the light rays to the retina, eyesight is blurred and the condition is called a refractive error. Refractive errors occur when the shape of the cornea, lens or the eye is abnormal.

### There are different types of refractive errors:

The most common sight defects are:

- Myopia or nearsightedness, where closer objects are seen clearly
- Hyperopia or farsightedness, where far objects are seen clearly
- Astigmatism, where both near and far objects appear blurred

Refractive errors can be treated permanently by Advanced LASIK Surgery. At Vasan Eye Care Hospital, we have a team of expert eye surgeons, highly skilled paramedics and nursing staff to deliver you the best.

### What is Advanced LASIK Surgery?

Advanced LASIK Surgery is a laser eye treatment designed specifically to treat individual vision errors, keeping in mind the fact that every patient's eye differs in corneal thickness, shape and pupil size. It is a treatment which helps patients get rid of glasses and contact lenses permanently. It allows correction of myopia even up to -15.00D, hyperopia up to +8.00D and astigmatism of even up to 6.00D. Apart from correcting refractive errors, it also corrects certain higher order aberrations.

As a part of the treatment,

- Each eye will be examined for previously unseen details known as aberrations
- A treatment that can correct individual visual errors and aberrations will be planned
- A combination of smaller and larger beams will deliver precise treatment which is unique to the patient's eye

### The laser surgery:

Before the Advanced LASIK Surgery is performed, local anaesthetic drops are administered so that the treatment is completely painless. The patient is made to lie down on a bed with their eyes open, facing up. Using a precision device called "Hansatome", a thin flap on the surface of the cornea is created. The flap is gently lifted on one side, and the bed of the cornea (Stroma) is exposed and the laser is applied. After 30-40 sec, the flap is repositioned. The surgery lasts for twenty minutes following which vision tests will be done and medications will be prescribed to avoid infection or dry eyes.

### Post operative care:

We do recommend to our patients to wear protective glasses supplied by the hospital and to avoid rubbing the eyes for a few days following the treatment. The patients will be able to see better one to two hours after the surgery, but complete clarity is experienced the next day. However, one should take care to give the eyes time for recovery. It is advisable to rest the eyes for 2-3 days especially if the patient's work involves using the computer. After the procedure, our patients will be given suitable appointments with their respective doctors the very next day for the eyes to be examined.

### Who is suitable for Advanced LASIK Surgery?

Advanced LASIK Surgery is only for those above 18 years of age and those with stable refractive power. However, every eye is not suitable for the treatment.

It might surprise you that we turn down many patients who come to us for this procedure because of irregularities in corneal architecture, which makes the eye unsuitable for laser treatment. At Vasan Eye Care, our consultants will examine your eyes using an equipment known as ORB Scan & Aberrometer. To assist them, please do not wear soft contact lenses for a week and rigid lenses two weeks before hand. If you have any old prescriptions for lenses and glasses, please bring them along with you. Dilatation of the pupils may temporarily blur your vision for a few hours.

### Few things to remember if you are to undergo Advanced LASIK Surgery:

- Please do not use perfumes, make-ups or any sprays which may interfere with the pattern of the laser beam
- Please arrive on time and be prepared to stay for approximately 2-3 hours in the hospital
- If you have anxiety about your treatment, our support staff will be happy to assist you in every way possible and make you feel relaxed and comfortable
- Our staff will give you personalized after care instructions and eye drops. Your vision may remain blurred for a few hours, so please ensure that there is somebody to take you home
- Patients who undergo Advanced LASIK surgery can get back to routine activities within a day or two from the day of treatment

