

Am I a good candidate for LASIK?

The ideal candidate for LASIK is

- Over 18 years of age,
- Vision must be stable for at least one year.
- Do not have Sjogren's Syndrome, Lupus or previous herpes of eyes.
- No scarring may be present on the cornea
- May not be nursing or pregnant on the date of surgery.
- Individuals with pupils that dilate beyond seven millimeters in the dark are not good candidates for LASIK.

Preoperative examination

You should stop wearing soft contact lens 3 -4 days and hard contact lens 2 weeks before examination.

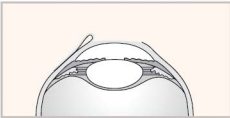
The ophthalmologist will perform a thorough eye examination

- Unusual dryness , refractive measurement
- Intraocular pressure
- Corneal thickness
- Corneal topography
- Wavefront Analyzer
- fundus examination

Please clean your face without eye make up on the day of procedure.

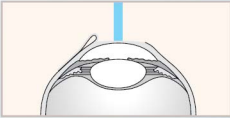
How is LASIK done?

Step 1



The physician creates a thin flap in upper layer of your cornea. During this time your sight will be briefly interrupted.

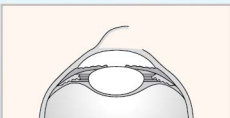
Step 2



Next you should concentrate your sight on the green light as laserlight gently reshape your cornea.

Due to the high speed of laser system, the average treatment will only take a few seconds.

Step 3



Once the laser treatment is finished, the flap is returned to its original position where it completely adheres. Your eye will then receive antibiotic eye drops to prevent infections. The treatment is now fully completed. At this point you will be able to see

Post Procedure Care

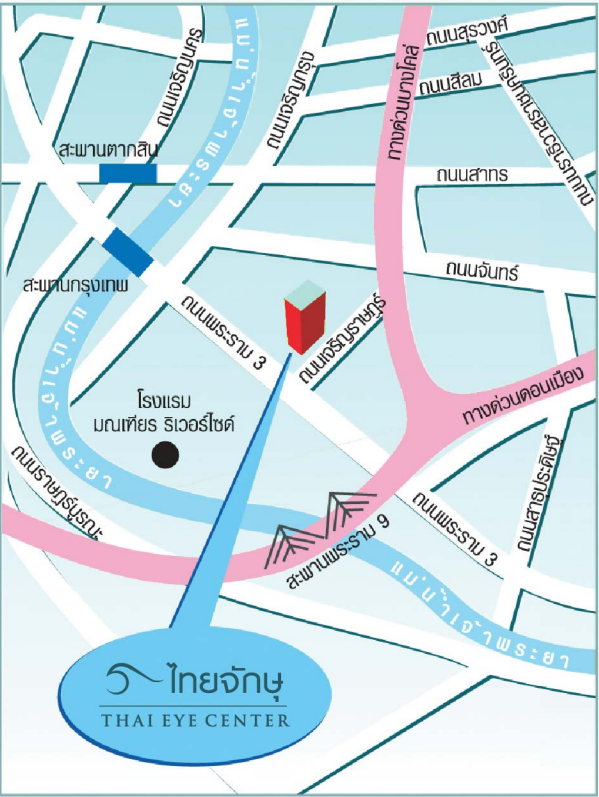
Your eye may feel irritated or scratchy after the anesthetic wears off. This usually disappears in a few hours. Plan on going home and taking a nap or just relaxing after the procedure. You will be given antibiotic, anti-inflammatory, or moistening eye drops to help heal and alleviate dryness. The follow up exam during recovery are required to ensure that your eyes heal properly

- Do not rub your eyes. You may wear protective eye shields for the first 1-2 nights.
- Don't let the water directly getting in your eyes for the first 5-7 days. Use a face cloth and be careful not to rub your eyes.
- Wear sunglasses after surgery if you experience sensitivity to bright lights. Avoid eye makeup and smoky or dusty environments for a week.

Patients are able to return to work and other daily activities the day after the procedure. It is recommended that you go to sleep right after LASIK surgery to reduce post-operative pain. When you wake up, you should already notice improved vision.

Risk and Side Effects

LASIK has small risks and complications that should be carefully considered. There is small chance that LASIK can result in undercorrection or overcorrection. Most complications can be treated without any loss of vision. Many people experience some dryness in the eyes. These symptoms usually fade within one month, although some people will continue to have symptoms for a long period of time.



bladeless
LASIK

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THAI EYE CENTER

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LASIK

The latest Technology
Precise Fast Safe



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Eyesight

Myopia (Nearsightedness)



Light rays bend more than they should, so they focus in front of the retina. Far away images seem blurry.

Hyperopia (Farsightedness)



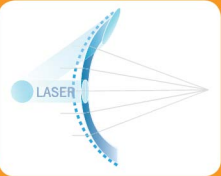
Light rays bend less than they should, so they focus behind the retina. Close-up images seem blurry.

Astigmatism



Light rays bend at different angles, so they're not all focused at the same spot. All images seem blurry.

Lasik Changing the way you see the world



A laser beam is used to remove small amounts of tissue from the cornea, making your eye a more ideal shape for focusing light.

Laser assisted in situ keratomileusis, or LASIK, is an outpatient surgical procedure that treats Myopia (Nearsightedness), Hyperopia (Farsightedness) and Astigmatism. LASIK uses a microkeratome and a laser to reshape the cornea (the clear covering of the eye) to improve the way the eye focuses light rays on the retina

LASIK may decrease your dependence on glasses and contact lens.

Femtosecond Laser LASIK (Bladeless LASIK)

Creating the flap is a standard step in LASIK. With traditional LASIK, your surgeon used a mechanical instrument containing a blade to create the flap. Now, Laser Vision Correction actually features a second laser specially designed for faster, safer flap creation. This new laser gives your surgeon complete control for personalized treatment, precise, predictable procedures, and the most consistent results.

WaveLight® FS200 femtosecond laser

The WaveLight® FS200 femtosecond laser helps doctors produce more reliable outcomes during refractive procedures. By combining optimal energy including low-pulse energy during sharp-cutting edging and spacing parameters through a highly precise scanning algorithm, the WaveLight® FS200 laser makes it possible for surgeons to create consistent, high-quality "flaps,"

Fast, Smooth, Precise and safe



WaveLight FS200
Femtosecond Laser

Advantages of Femtosecond lasers in LASIK

- 1 Significant improvement in safety
- 2 Bladeless procedure
- 3 More predictable flap thickness
- 4 Creates smooth flap, fast healing and fast visual recovery
- 5 Creates a flap faster, within 6 sec

WaveLight Allegretto Wave Eye Q Laser

“Precise, Fast, & Safe” : Excellent Result

We use FDA approved ALLEGRETTO WAVE Eye-Q Excimer Laser System which delivers the fastest laser vision correction procedures available in the U.S., the 400 hertz ALLEGRETTO WAVE Eye-Q is the next generation of Wavefront Optimized technology designed to increase efficiency and enhance patient comfort.

This system shortened surgery times, with innovative and reliable eye tracking, an enhanced pulse frequency of 400 Hz provides even faster treatments. This results in a correction time of only 2 second per diopter (a fully corrected optical zone of 6.5 mm)

Its proven state-of-the-art technology provide excellent results in both Wavefront Optimized® and wavefront-guide laser vision correction. The Eye-Q provides the physician and patient both safety and reliability.



WaveLight® Allegretto Wave® Eye-Q Laser

PerfectPulse Technology®

ALLGRETTO WAVE® laser systems apply PerfectPulse Technology® to ensure that **it's safe and precise work at high speed.**

PerfectPulse Technology® simply means that every laser pulse is completely controlled from its generation to the point when it contacts the cornea. Each ultra-thin laser pulse is used to sculpt the corneal surface with the utmost precision.

In order to further enhance the safety and precision of the treatment, PerfectPulse Technology® uses advanced high-speed eye-tracking to follow the eye's fastest movements and to ensure an accurate placement of each laser pulse on the cornea.

“Be Confident with the ALLEGRETTOWAVE® Laser”

- Million of people undergo this vision-improving procedure and they see excellent results:

