

## Am I a Good Candidate for LASIK?

### The ideal candidate for LASIK

- Over 18 years of age
- Vision must be stable for at least one year
- Do not have Sjogren's syndrome, lupus, or ocular herpes
- No cornea scars
- May not be nursing or pregnant on the date of surgery
- Do not have large pupils with high refractive errors

## Pre-Operative Examination

You should stop wearing soft contact lenses 3 – 4 days and hard contact lenses 2 weeks before examination. The ophthalmologist will perform the following thorough eye examination:

- Refractive Measurements
- Intraocular Pressure
- Corneal Topography and Thickness
- Wavefront Analyzer
- Fundus Examination

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

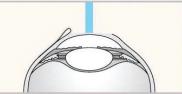
## How is LASIK Done?

### Step 1



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

### Step 2



The excimer laser will gently reshape your cornea. Due to the high speed of the 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 will self-adhere.

## Post-Operative Care

**Eye Protection** - Your corneal flap will heal over the course of one to two weeks. Therefore, it is extremely important that you do not rub your eyes vigorously during this period. We have provided you with eye shields to use when you sleep. Try to take precautions and be gentle around your eyes.

**Medications** - Use the antibiotic, anti-inflammatory, and lubricant eye drops as suggested by your physician.

**Makeup** - Do not use mascara or eyeliner for a week after the surgery to avoid the possibility of getting them under your unhealed corneal flap.

**Bathing** - Do not allow water from your shower to strike you directly in the face for at least one week after surgery. You may bathe and wash your face, but take precautions so water does not get into your eyes.

**Activities** - Take it easy and have plenty of rest the evening after your surgery. Avoid sports activities for the first three days. Strenuous and contact sports should be avoided for the first two weeks.

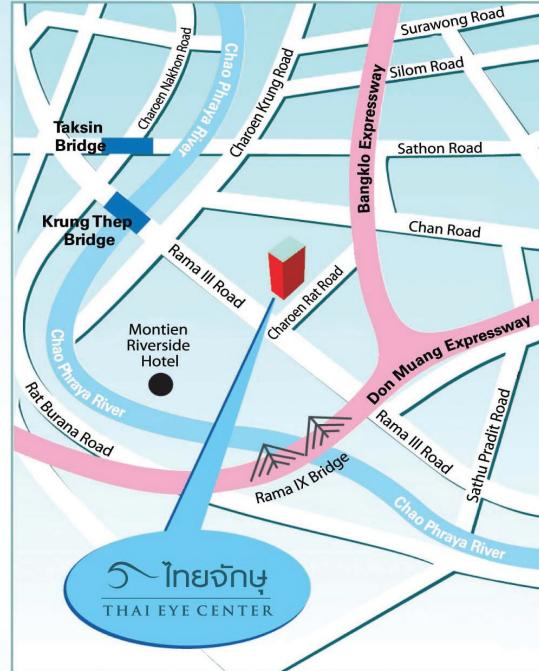
**Pain** - During the night after your surgery, you may notice mild irritation, redness, and tearing. This is completely normal and will be gone by the next morning.

**Vision** - Your vision should return very quickly. Many patients recover enough to return to work by the next day. However, complete healing times vary with each individual from a couple days to weeks. Keep a pair of sunglasses at hand as you may experience some sensitivity to bright lights during the healing phase.

## Risk & Side Effects

LASIK has some risks and complications that should be understood and carefully considered. In rare cases, over-correction or under-correction may occur; more than one surgery may be needed to get the desired result. You may still need reading glasses if you are over the age of 40 and have presbyopia. Some patients experience dry eyes after surgery. Night vision issues like glares, halos, and starbursts may be present in patients with larger pupils.

Despite the risks, most complications are rare and can be treated without any loss of vision. Side effects usually fade within one month, although some people will continue to have symptoms for a longer period of time.



## bladeless LASIK

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# bladeless LASIK

the latest revolution in lasik surgery  
**Fast Precise Safe**



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THAI EYE CENTER

## 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, Hyperopia, and Astigmatism to decrease your dependence on glasses and contact lens. With LASIK, a flap is created in the cornea and an excimer laser is used to reshape the cornea to improve the way the eye focuses light on the retina. LASIK provides a relatively painless and fast healing experience compared to alternative procedures.

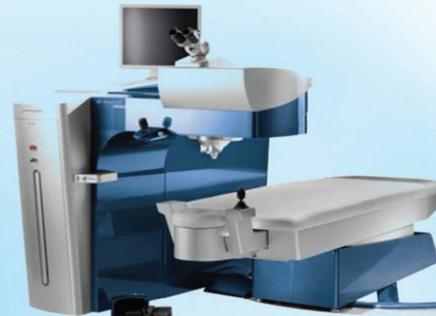
### Bladeless Femtosecond LASIK

Femtosecond laser technology is used to increase the safety and predictability of LASIK. Creating the corneal flap is a standard step in LASIK. With traditional LASIK, the surgeon utilizes a mechanical instrument containing a blade (microkeratome) to create the flap. Now, laser vision correction features a second laser specifically designed for corneal flap creation. The femtosecond laser's high precision gives your surgeon complete control for a perfectly customized treatment. This allows for a wider range and a more effective selection of treatments.

### WaveLight® FS200 Femtosecond Laser

The WaveLight® FS200 femtosecond laser helps doctors produce precise and predictable corneal flaps during refractive procedures. Featuring the fastest flap creation times of approximately 6 seconds, the FS200 allows for a quick and comfortable patient experience. By utilizing optimal energy profiles that combine a small focus with low pulse energy and a unique cutting pattern, the FS200 system is able to create flaps with low energy and avoid complications from inflammation. With its various innovations, the WaveLight® FS200 femtosecond laser makes it possible for surgeons to create consistent, high-quality flaps.

#### Fast, Smooth, Precise, and Safe



WaveLight® FS200 Femtosecond Laser

### Advantages of Femtosecond Laser

- 1 Significant improvement in safety with minimized occurrences of flap complications
- 2 Precise and customizable flaps that are perfectly tailored to each individual procedure
- 3 Bladeless procedure
- 4 Creates a smooth and fast healing flap allowing for a faster recovery
- 5 Creates a flap in just 6 seconds

### WaveLight EX500 Excimer Laser

The FDA approved WaveLight® EX500 Excimer Laser System delivers the fastest laser vision correction procedures available in the United States. The 500 hertz excimer laser is the next generation of Wavefront Optimized technology designed to increase efficiency and enhance patient results.

This excimer laser was designed based on an idea that was once only an imagination: a system with shortened surgery times, innovative and reliable eye tracking, and a clear ergonomic concept. An enhanced pulse frequency of 500 Hz provides even faster treatments of only 1.4 second per diopter. The laser also includes an eye-tracking system adjusted to the high speed of the laser beam and a cross line projector for precise centration.

Its proven state-of-the-art technology provides excellent results in both Wavefront Optimized® and Wavefront-Guided laser vision correction. The EX500 Excimer provides both the physician and patient a high level of safety and reliability



WaveLight® EX500

### PerfectPulse Technology®

WaveLight® EX500 Excimer Lasers apply PerfectPulse Technology® to help ensure the safest and most 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.

### See the Difference

At Thai Eye Lasik, we continuously research and bring in the latest technologies and innovations to offer you a faster, more precise, and safer treatment. Our experienced team of physicians, staff, and technicians strive to provide you with the most effective customized treatments together with a friendly and comfortable service.

#### "Be Confident with the WaveLight Laser"

Millions of people undergo this vision-improving procedure and achieve excellent results

