Intralase Assisted Lasik

45 seconds Computer-guided Bladeless Laser Technology

Laser In-Situ Keratomileusis Advantages

Intralase makes Lasik surgery better by replacing the hand-held microkeratome blade with a computer-guided laser and creates a flap of precise size, shape and depth. This gives you the greater assurance you need that Lasik eye surgery will be accurate, safe and above all better results.

無刀激光切割比起傳統刀片切割能更有效及準確地計算出角膜瓣的大小，形狀及厚薄。換言之，無刀激光切割能給予更安全，準確的矯視效果。

Seminars 免費講座及初步檢查

Our center conducts regular seminars including free screening for those who are interested to know more about refractive surgery. During the talks, you will be able to learn about the latest innovations and technologies from experienced refractive surgeons, who will be able to answer any questions that you might have.

本中心定期舉行眼科講座及免費初步檢查，由富經驗眼科專業醫生主講，提供專業意見及解答有關手術各種問題。

For any enquiry

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STHE|Y|E
Eye and Refractive Surgery Centre

Intralase Assisted Lasik
紅外線激光矯視

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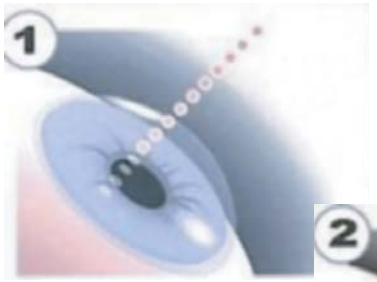
LASIK

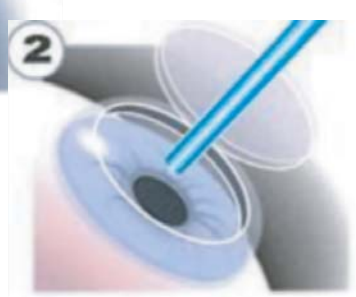
(Laser In-Situ Keratomileusis)
is the most commonly performed refractive surgery procedure. Both nearsighted and farsighted people can benefit from the LASIK procedure. With nearsighted people, the goal is to flatten the too-steep cornea; with farsighted people, a steeper cornea is desired. Also, excimer lasers can correct astigmatism, by smoothing an irregular cornea into a more normal shape.

角膜切割激光矯視手術是現今最流行的視力矯正手術。無論近視或遠視都能夠矯正。矯正近視時會將角膜磨平，而矯正遠視時會將角膜削斜。另外，將角膜不平的地方磨平，散光亦得以矯正。

LASIK Surgery



Step One



Step Two

The advantages of Intralase:
- Less flap-related complications
- Further enhancement is possible
- More residual corneal thickness
- More suitable for those with thinner cornea
- More accurate

無刀激光的好處：
- 減少後遺症
- 如度數日後再增加，亦可以再做跟進手術
- 角膜保留更多組織
- 適合角膜較薄人士
- 更加準確

There are two steps to bladeless Lasik Surgery

In Step One, the intralase femtosecond laser uses an infrared beam of light to create the flap from below the surface of the cornea, using an inside-out process. The process from start to finish takes approximately 45 seconds.

在手術第一部份，紅外線激光切割利用紅外線光束射入眼角膜，形成角膜瓣，過程大約四十五秒。

In Step Two, the flap is then lifted to allow for the excimer laser treatment. When completed, the flap is accurately repositioned, thanks to its nice and perfect edge.

在手術第二部份，醫生會揭起角膜瓣，然後進行激光打磨。當手術完成後，角膜瓣會再放置回原處。

Intralase Assisted Lasik

The Intralase femtosecond laser is the first bladeless laser technology for performing the critical first step of the Lasik procedure and the most accurate technology for corneal flap creation available today. Intralase can help doctors create consistently better quality flap dimension and more predictable refractive outcomes with minimal flap complication created by mechanical microkeratomes.

紅外線激光是現今唯一首創無刀片揭起眼角膜瓣的技術，能有效及準確地揭起眼角膜瓣。比起傳統角膜層狀切割器更準確及安全。