

This Free E-Book is brought to you by [Natural-Aging.com](http://Natural-Aging.com).

**100% Effective Natural Hormone Treatment**  
**Menopause, Andropause And Other Hormone Imbalances**  
**Impair Healthy Healing In People Over The Age Of 30!**

## Wavefront – Better Than Conventional LASIK Eye Surgery?

By Nicola Kennedy

Traditional LASIK surgery achieves a simple correction of focusing power by reshaping the cornea

with the aid of a laser. Wavefront LASIK is a variation of that conventional procedure and accomplishes a spatially varying correction based on readings from a wavefront sensor. In essence, a wavefront sensor measures the eye itself. It detects any aberrations by directing a weak laser source into the eye, and by sampling and processing the reflection off the retina.

Wavefront measurements reveal the irregularities of the lens, which cause optical aberrations (any deviation from a desired perfect planar wavefront). Wavefront custom sculpts the cornea to accomplish corrected vision. In many ways, Wavefront offers better results than traditional LASIK. The procedure is carried out by an ophthalmologist, with the aid of sophisticated computer-controlled equipment.

LASIK has certain potential side effects including halos or glare, which are caused due to induced spherical aberration. Wavefront has helped reduce instances of such cases where patients complain of post-operative halos or glares. A drop in such complaints is owing to the precise measurements provided by the wavefront sensor.

Thus Wavefront can help achieve a more optically perfect eye, since the corneal tissue area to be carved is measured more precisely using advanced technology and tools. But, wavefront aberrations are not the sole cause for all types of vision impairments. Therefore, Wavefront LASIK should not be treated as a panacea for all kinds of vision defects. However, eye surgeons claim that a great deal of success has been accomplished in patient satisfaction, relative to earlier refractive surgery procedures.

Though wavefront technology has been used for years by astronomers who require adjusting their telescope optics, its application to human vision has been discovered only recently. It's true that Wavefront is a superior procedure, but it's certainly not required by or suitable for everyone. It is imperative that you go through an elaborate wavefront diagnostic to determine if you are a potential candidate for it.

Nicola Kennedy publishes articles and reports and provides news, views and information about

custom

wavefront LASIK

at Your Lasik Information. The LASIK Surgeons Directory will help you

find a LASIK

doctor

This article may be reprinted in full so long as the resource box and the live links are included intact. All rights reserved. Copyright Your-LASIK.info

## **Educate Yourself – LASIK Eye Surgery Could Be For You**

**By Nicola Kennedy**

It might be the case that you are tired of wearing glasses, or you believe that it cramps your style. You also don't want to use contact lenses, in order to avoid infection or inflammation due to overuse. In such a scenario, you are likely to consider LASIK eye surgery, which is one of the most prevalent vision correction procedures. And therefore, you require some basic LASIK education, in order to get a clear picture of what you can expect from LASIK if you want to know whether you should do eye laser surgery.

If the light rays don't focus on the retina (light-sensing cells), the image you see is blurry. This is termed as refractive error, and may be caused due to an irregularly shaped cornea. LASIK surgery involves carving of the cornea in order to give it the perfect shape, thereby making light rays focus on the retina. LASIK surgery employs a high-precision laser, named Excimer, which is an ultraviolet chemical laser.

Scads of people have undergone LASIK, and most procedures have been successful. But as with any surgery, LASIK has associated risks and complications. However, LASIK has a relatively low complication rate, between 1% and 5%, which is among the lowest in the eye surgery field. Another trivia from the chapter on LASIK education is that LASIK may not result in perfect vision. That is, not all patients achieve a 20/20 vision.

If you suffered from myopia and have undergone LASIK as a corrective procedure, you would still require reading glasses (for near vision) in your late 40s. LASIK is an irreversible procedure, and most insurance companies do not cover LASIK surgery. Therefore, make sure that your surgery is performed by an experienced ophthalmologist. Also note that only eye MDs (ophthalmologists) are permitted to perform LASIK surgery.

Now that you are aware of the ins and outs of LASIK surgery, decision making is much easier. Have a

## Wavefront – Better Than Conventional LASIK Eye Surgery?

discussion with an experienced ophthalmologist. It might be the case that you could very well forego the surgery. But if need be, LASIK is a superlative option to correct your vision.

Nicola Kennedy publishes articles and reports and provides news, information and views about whether

you should do eye laser surgery

at Your Lasik Information. <http://www.Your-LASIK.info>

Copyright Your-LASIK.info All rights reserved. This article may be reprinted in full so long as the resource box and the live links are included intact.



This Free E-Book has been brought to you by [Natural-Aging.com](http://Natural-Aging.com).

**[100% Effective Natural Hormone Treatment](#)**  
**Menopause, Andropause And Other Hormone Imbalances**  
**Impair Healthy Healing In People Over The Age Of 30!**