

# WHY CHOOSE THE ADVANCED LASIK PROCEDURE?

When making the decision to have LASIK, you want to be sure that your doctor is offering a safe and trusted technology for the first step of the procedure. That's why our practice uses the **iFS**® Advanced Femtosecond Laser, 5th-Generation **IntraLase**® Technology.

**The advantages of an advanced LASIK procedure  
with the iFS® Laser are clear:**



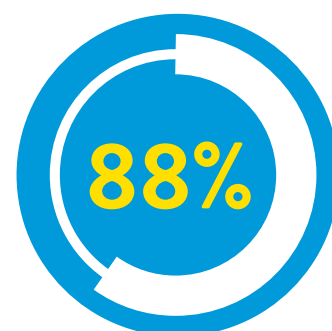
LASIK FLAPS CREATED  
SAFELY USING **INTRALASE**®  
TECHNOLOGY<sup>1</sup>



FLAPS COMPARED TO  
BLADE-CREATED FLAPS<sup>2</sup>

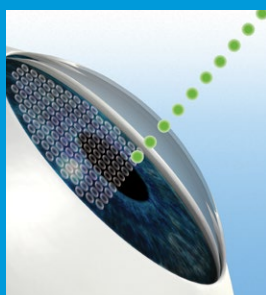


FOR FLAP CREATION BY LASIK  
SURGEONS & MILITARY<sup>3,4</sup>



OF ALL LASIK FLAPS IN THE  
U.S. ARE CREATED USING A  
FEMTOSECOND LASER<sup>5</sup>

## THIS IS NOW

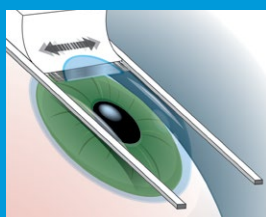


### 5TH-GENERATION **iFS**® LASER – MODERN BLADELESS 3X STRONGER

Surgeon-programmed computer-guided **iFS**® Technology precisely tailors the dimensions of your corneal flap based on what's best for your eye. In addition, the **iFS**® Laser creates a distinctive beveled-in edge flap—much like a manhole cover. This feature allows for precise repositioning, alignment and seating, which provides a stable and strong flap after your LASIK treatment is completed.<sup>2,6</sup>



## THAT WAS THEN



### EARLY LASIK – MICROKERATOME

Prior to the **IntraLase**® Technology, flaps were created with a one-dimensional cut using a blade called a microkeratome, which was associated with the majority of LASIK complications.<sup>1</sup>



\* Based on **IntraLase**® Technology.

#### IMPORTANT SAFETY INFORMATION

**INDICATION:** The **IntraLase**® and **iFS**® Lasers are surgical lasers that can be used to create flaps for use in laser-assisted in situ keratomileusis (LASIK) surgery.

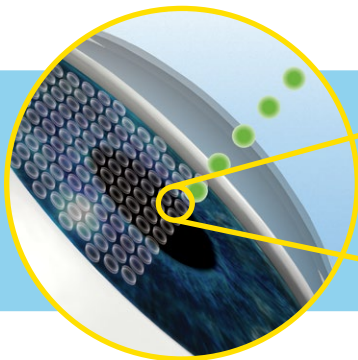
**CONTRAINDICATIONS:** You should not have LASIK flaps made using the **IntraLase**® or **iFS**® Laser if you have certain preexisting eye conditions. Tell your doctor about any eye-related conditions, injuries, or surgeries you have had.

Johnson & Johnson VISION

# GIVING YOU PEACE OF MIND FOR THE FIRST STEP OF YOUR LASIK PROCEDURE

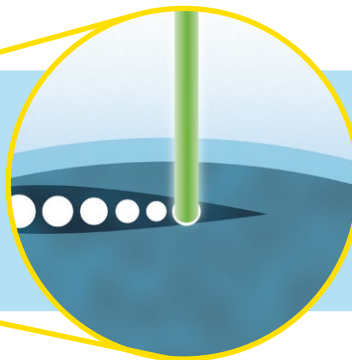
There are 2 steps to your LASIK procedure, involving 2 different types of lasers.

## STEP 1: PREPARING THE EYE (iFS® LASER)



### 150,000 PULSES PER SECOND

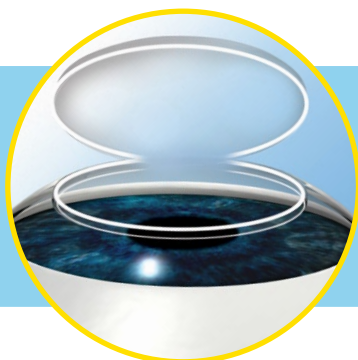
Rapid pulses of laser light are precisely focused within the cornea, forming thousands of bubbles to define your personalized flap.



### PHOTODISRUPTION

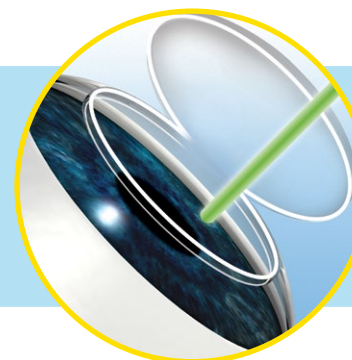
The process that separates the corneal tissue.

## STEP 2: DELIVERING YOUR VISION CORRECTION (EXCIMER LASER)



### CORNEAL FLAP

Just prior to your vision correction, the surgeon lifts your corneal flap; this is then folded back to perform your LASIK treatment.



### BEAM GENTLY RESHAPES TO IMPROVE VISION

With the flap lifted, your surgeon gently reshapes your cornea with the second ultra-precise laser. Once completed, your LASIK flap is precisely placed back into place and begins to heal.

## IMPORTANT SAFETY INFORMATION (CONTINUED)



INVISIBLE LASER RADIATION  
AVOID EXPOSURE TO BEAM  
400 mW at 1053 nm  
PULSE DURATION: 600-800 fs  
CLASS 3B LASER PRODUCT

**ADVERSE EVENTS:** Possible complications resulting from LASIK flap creation include swelling, inflammation or pain in your eye, infection, or flap-related complications. Mild to severe light sensitivity occurred in 1% of patients between 2 and 6 weeks after surgery. Some patients (0.03%) noticed a temporary spoke-like band of light in their peripheral vision.

**CAUTION:** U.S. Federal law restricts these devices to practitioners who have been trained in their calibration and operation, and who have experience in the surgical treatment and management of refractive errors.

## REFERENCE:

1. Binder PS. One thousand consecutive IntraLase laser in-situ keratomileusis flaps. *J Cataract Refract Surg.* 2006;32(6):962-969. 2. Knorz MC, Vossmerbaeumer U. Comparison of flap adhesion strength using the Amadeus Microkeratome and the IntraLase iFS Femtosecond Laser in rabbits. *J Refract Surg.* 2008;24:875-878. 3. Steve C. Schallhorn, David J. Tanzer, Sandor E. Kaupp, Mitch Brown, Stephanie E. Malady. Comparison of Night Driving Performance after Wavefront-Guided and Conventional LASIK for Moderate Myopia. *Ophthalmology.* 2009;116:702-709. 4. Marketscope Report on the Global Refractive Surgery Market. 2015. 5. Marketscope Refractive data, Q3 2015. 6. Durrie DS, Kezirian GM. Femtosecond laser versus mechanical keratome flaps in wavefront-guided laser in situ keratomileusis: prospective contralateral eye study. *J Cataract Refract Surg.* 2005; 31:120-126.

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