

2011 *iFS* Laser Positioning

KEY MESSAGES

- ❖ **Proven Technology:** The *iFS* laser is the only FDA-cleared femtosecond laser proven with more than 10 years of clinical research improving both the safety and precision of LASIK.
- ❖ **Proven Results:** Patients who choose the *IntraLase* Method with the *iFS* laser experience faster visual recovery, fewer dry eye symptoms, and maximum flap stability - three times that of a microkeratome-created flap.¹⁻³
- **Proven Performance:** Good enough for NASA, branches of the U.S. Military, and you: NASA astronauts and U.S. pilots can have laser vision correction surgery today because of the exclusive, validated safety and precision performance of the *IntraLase* Method.
- ❖ **Individualized Treatment:** The *iFS* laser allows the surgeon to customize your corneal flap based on the precise profile of your cornea.
- ❖ **Trusted Track Record:** The blade-free *IntraLase* Method has been effective in nearly four million procedures worldwide, with the *iFS* laser representing five generations of *IntraLase* innovation.

The IntraLase and iFS laser systems are ophthalmic surgical lasers indicated for use in patients undergoing surgery or treatment requiring the initial lamellar resection of the cornea. Contraindications may include corneal edema, glaucoma, and keratoconus. Risks and complications may include corneal pain, flap tearing, and epithelial ingrowth. Patients are requested to consult with their eye care professional for a complete listing of contraindications and risks. U.S. Federal Law restricts this device to sale, distribution, and use by or on the order of a physician or other licensed eye care practitioner.

WHAT IS THE *INTRALASE* METHOD?

- LASIK surgery consists of two steps. During step one, the doctor creates a corneal flap. During step two, the doctor gently folds the flap back to perform the laser procedure that corrects your vision.
- Traditionally, the corneal flap has been created using a hand-held oscillating metal razor blade called a microkeratome.
- The *IntraLase* Method is a highly sophisticated way to prepare your eye for Lasik w/out a blade ever touching it.
- The *IntraLase* Method uses tiny, ultra-precise pulses of laser light to create the corneal flap – a blade is not used to cut the flap.
- The *IntraLase* Method with the *iFS* laser has been performed on millions of eyes.

WHAT ARE THE ADVANTAGES OF LASIK WITH THE *INTRALASE* METHOD?

- Good enough for NASA, branches of the U.S. Military, and you: NASA astronauts and U.S. pilots can have laser vision correction surgery today because of the exclusive, validated safety and precision performance of the *IntraLase* Method.
- More patients get better outcomes with the *IntraLase* Method than with a microkeratome.
- It enables you to have a LASIK procedure that is 100% blade-free.
- It allows the doctor to tailor-make your corneal flap based on what's best for your eye – something that is not possible with a blade.
- In a survey of LASIK patients, the vision in the *IntraLase*-treated eye was preferred up to 3 to 1 over the vision in the blade-treated eye (among those who stated a preference).
- Certain patients who were not previously eligible for LASIK using a blade may now be eligible using the *IntraLase* Method.

References:

1. Tanna M, Schallhorn S, Hettinger K. Femtosecond laser versus mechanical microkeratome: a retrospective comparison of visual outcomes at 3 months. *J Refract Surg.* 2009;25:1-4.
2. Donnenfeld E. Preservation of corneal innervations with femtosecond laser inverted sidecut flaps. *Invest Ophthalmol Vis Sci.* 2010 51:E-Abstract2855.
3. KnorzMC, Vossmerbaeumer U. Comparison of flap adhesion strength using the AMADEUS microkeratomes and the IntraLase iFS femtosecond laser in rabbits. *J Refract Surg.* 2008;24(9):875-878

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