



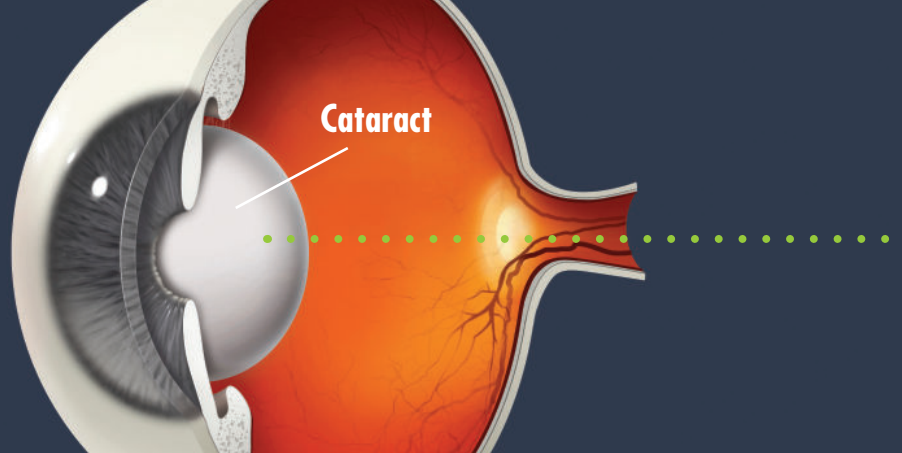
LENSAR

CATARACT LASER WITH AUGMENTED REALITY

ADVANCED LASER CATARACT PROCEDURE

A new level of insight and accuracy





Over time, cataracts can affect your vision, and may end up limiting your activities and ability to enjoy life.

What are Cataracts?

HOW DO THEY AFFECT MY EYES?

Your eye works a lot like a camera, using a lens to focus on an image. If your camera lens became cloudy, you'd have a hard time viewing the world around you.

Just like a camera, the lenses in your eyes can become cloudy as you age, making it harder for you to see. This natural condition, known as a cataract, affects more than half of Americans by age 80.¹

Although it's common belief that lasers have been used in cataract surgery for years, this is not true. However, with the LENSAR™ Laser System, laser cataract surgery has become a reality. With today's technology, your surgeon can safely remove your cataract and implant a replacement lens to restore your vision.

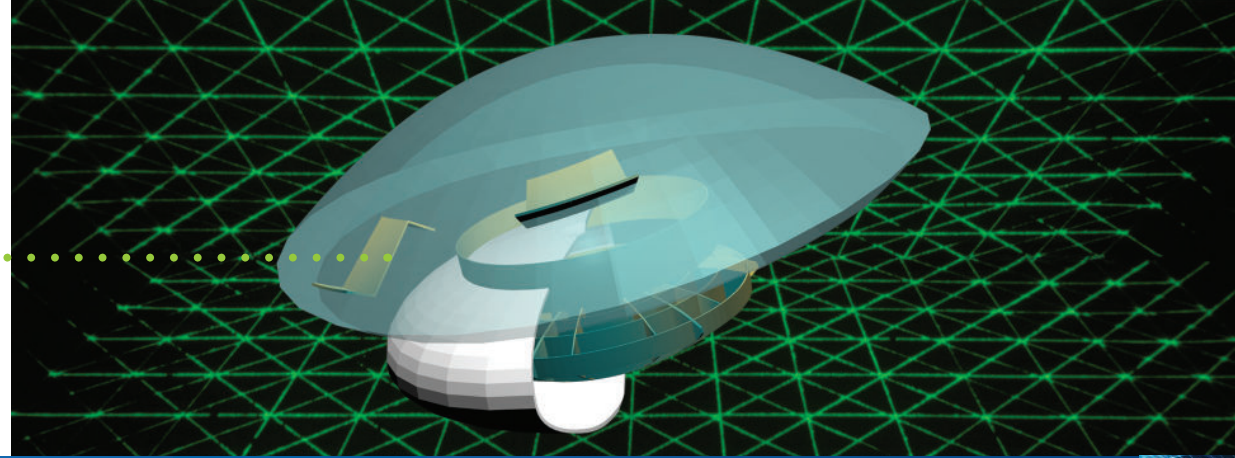
Learn why adding the LENSAR Laser System to your advanced cataract procedure is the superior decision for your vision.



“With LENSAR’s state-of-the-art 3-D models from Augmented Reality, I feel more secure than ever performing cataract surgery.

We are excited to have this genius technology in our practice.”

LENSAR Cataract Surgeon — Sarasota, FL



What is LENSAR?

HOW DOES IT IMPROVE MY ADVANCED CATARACT PROCEDURE?



The LENSAR Laser System allows your surgeon to offer you a better, more precise cataract removal procedure that is customized to your eye.

With the LENSAR Laser System, your surgeon can remove your cataract in a more advanced way. Using the LENSAR Laser System ensures that your customized cataract procedure is performed with laser precision.² This is because of Augmented Reality, a unique imaging system that provides your surgeon with a reconstructed 3-D view of your eye, in order to help plan and treat your cataract.



"I felt safe knowing my surgeon was using the most advanced technology during my cataract surgery. My experience with the LENSAR Laser System was great, and my vision has never been better!"

LENSAR Patient – Los Angeles, CA

Will LENSAR make a difference for me?

Your surgeon offers the LENSAR Laser System as part of your advanced cataract procedure because it is safe, effective and uses the same proven laser technology that's been used in LASIK procedures for over a decade.

Other benefits include:

- *A unique, high-resolution 3-D model of your eye that allows your surgeon to tailor your treatment, which can improve visual outcomes.²*
- *Use of the most advanced technology available, which may reduce the time it takes to remove your cataracts.³*
- *Designed with comfort in mind, so you can relax, knowing you have the latest technology available to treat one of your most valuable senses – your sight.*

HOW DOES IT WORK?



- **Safety:** The LENSAR Laser System's Augmented Reality provides your surgeon with a reconstructed 3-D view of your eye, allowing for more accurate information and treatment choices during your cataract removal procedure.

- **Precision:** The LENSAR Laser System's advanced technology offers the most precise and accurate treatment available.

- **Results:** The LENSAR Laser System allows your surgeon to precisely place laser pulses that effectively soften your cataract for removal, and ensures the appropriate condition for the best lens placement, helping to restore your vision to its full potential.



What are the benefits of LENSAR?

WHY SHOULD I ELECT TO HAVE AN ADVANCED CATARACT PROCEDURE?

Advanced cataract surgery allows your surgeon to tailor your procedure with the goal of reducing your dependency on glasses or contact lenses. During your procedure, your surgeon will use the most advanced technology available, including premium intraocular lenses and the LENSAR Laser System with Augmented Reality, an advanced 3-D modeling technology.

LENSAR's superior Augmented Reality takes a more intelligent approach to cataract surgery. With Augmented Reality, your surgeon can see everything inside your eye in greater detail. This allows the surgeon to plan the surgery better, to precisely soften the cataract in preparation for removal, and to ensure the appropriate condition for the most accurate placement of your intraocular lens.

It is LENSAR's precision, imaging, and laser incisions that allow your surgeon to ensure that the cataract is safely removed and that the new intraocular lens is perfectly placed, resulting in better visual outcomes.





Approximately 4 million cataract surgeries are performed in the US each year.

What are the facts about cataracts?

HOW COMMON IS CATARACT SURGERY?

Understanding cataract surgery will help you feel more confident about your decision. Here are some more facts about cataract surgery:

- *A cataract needs to be removed when it affects your everyday activities, like driving, reading or watching TV.*
- *Cataract removal is one of the most common and safest operations performed in the United States.*
- *After the cloudy lens is removed, your doctor will replace it with a new, clear intraocular lens.*
- *Although you cannot feel or see your new lens, it will help improve your vision.*





LENSAR
CATARACT LASER WITH AUGMENTED REALITY

SUPERIOR CATARACT TREATMENT

Now Available to You

With LENSAR technology on your surgeon's side, your procedure will be quick and safe – with an improved level of precision.

*Are you interested in learning more about the
LENSAR Laser System and your upcoming cataract surgery?
Talk to your surgeon or clinical staff for more details*

The LENSAR Laser System - fs 3D (LS-fs 3D) is intended for use in patients undergoing cataract surgery for removal of the crystalline lens. Intended uses in cataract surgery include anterior capsulotomy, laser phacoemulsification, and the creation of single-plane and multi-plane cuts/incisions in the cornea, each of which may be performed either individually or consecutively during the same procedure.

Laser Capsulotomy, laser phacoemulsification and/or corneal incisions surgery is contraindicated in patients: who are of pediatric age, whose pupils will not dilate or remain dilated to a diameter greater than that of the intended treatment and for capsulotomies and/or laser phacoemulsification with intended diameters of less than 4 mm or greater than 7 mm, who have existing corneal implants, who have previous corneal incisions that might provide a potential space into which the gas produced by the procedure can escape, who have conditions that would cause inadequate clearance between the intended capsulotomy cut and the corneal endothelium, such as: hypotony, uncontrolled glaucoma, who have corneal disease or pathology that precludes transmission of light at the laser wavelength or causes distortion of laser light, such as: corneal opacities, residual, recurrent, active ocular or uncontrolled eyelid disease or any corneal abnormalities (including endothelial dystrophy, guttata, recurrent corneal erosion, etc.) in the eye to be treated, ophthalmoscopic signs of keratoconus (or keratoconus suspect) in the eye to be treated, a history of severe dry eye that has not responded to therapy, a history of herpes zoster or herpes simplex keratitis.

Potential contraindications are not limited to those included in the list.

WARNING: The safety and effectiveness of this laser have NOT been established in patients with diabetic retinopathy, a history of treated glaucoma, or prior intraocular surgery.

1. National Eye Institute (2003). Cataract: What You Should Know. (NIH Publication No. 03-201).
2. Data on file, LENSAR, Inc.
3. Edwards, Keith; Klyce, Stephen; Krueger, Ronald and Daniel Palanker. "Imaging Systems and Image-Guided Surgery." *Textbook of Laser Refractive Cataract Surgery* 2013: 49-58. Print.