

The symptoms of cataracts are progressive and cannot be corrected with glasses or contact lenses. When symptoms become bothersome or limit your daily activities, it's time to consider treatment. Treatment for cataracts involves a simple surgery to remove the cataract and replace it with an artificial lens that can restore clear vision. Cataract surgery is the most common surgical procedure worldwide and is very safe and successful.

*View with Clear Lens*

Ask your Doctor if laser cataract surgery with the CATALYS® Precision Laser System is right for you.

Now is the time for  
Laser Cataract Surgery

## ABOUT Cataracts & Cataract Surgery

A cataract is a common condition in which the normally clear lens of the eye becomes increasingly cloudy. Compared to vision with a clear lens, your vision with a cataract may look fuzzy, colors may be muted, and you may experience difficulty reading signs while driving at night.

*View with Cataract*

CATALYS®  
Precision Laser System

The CATALYS® Precision Laser System is indicated for use in patients undergoing cataract surgery for removal of the crystalline lens. Intended uses in cataract surgery include anterior capsulotomy, phacofragmentation, and the creation of single plane and multi-plane arc cuts/incisions in the cornea, each of which may be performed either individually or consecutively during the same procedure.

Contraindications, warnings, precautions and adverse events are listed in the Catalys Precision Laser System Operator Manual. Your Doctor will be able to discuss these topics with you.

<sup>1</sup> Friedman, NJ et al, "Femtosecond Laser Capsulotomy", Journal of Cataract & Refractive Surgery, 2011 July; 37 (7): 1189-1198

<sup>2</sup> Palanker D, et al, "Femtosecond Laser Assisted Cataract Surgery With Integrated Optical Coherence Tomography", Science Translational Medicine, Volume 2, Issue 58: 1 – 9 (2010)

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CATALYS®  
Precision Laser System

## CATALYS® Precision Laser System

Many of the steps of cataract surgery that are traditionally performed using handheld instruments can now be completed using the precision of a laser. The CATALYS® Precision Laser System is the world's most sophisticated laser cataract surgery system. Thousands of patients have been successfully treated. Using CATALYS®, your surgeon can provide you with a highly customized, more accurate, and gentle treatment.



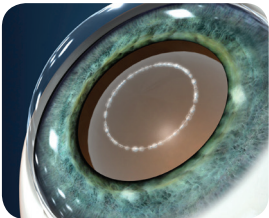
# Key Benefits

## Customization with 3D Imaging

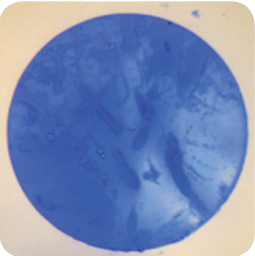
Like a fingerprint, every eye has a unique size and shape. Prior to treatment, CATALYS® images your eye and makes precise 3D maps of relevant structures. This enables your surgeon to create a tailored treatment plan that is customized for your eye.

## Laser Precision

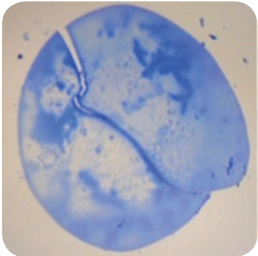
Your surgeon can use CATALYS® to create a perfectly sized, shaped and centered circular opening to access and remove the cataract. This precise incision helps your surgeon place the new artificial lens exactly where intended.



Location of Circular Opening



Created with CATALYS® Laser

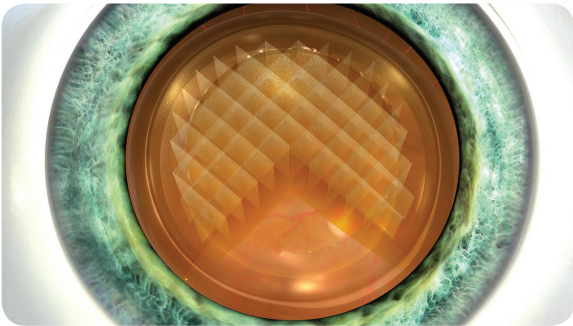


Created by Hand

Clinical studies have shown that this opening is approximately 10 times more accurate when performed with CATALYS®, compared with a manual procedure. [1, 2].

## Gentle Approach

Your surgeon can use the laser to soften the hard cataract. Softening the lens with the CATALYS® laser enables your surgeon to remove the cataract more gently and with significantly less ultrasound energy than is used in traditional surgery. This gentle, low energy approach reduces inflammation and helps visual recovery.



Lens Softening with the CATALYS® Laser

## Decrease the Need for Glasses

If you desire to see well without glasses or contact lenses after surgery, ask about your options. Your surgeon may recommend a tailored treatment that could include precise CATALYS® laser incisions in the cornea and a specific lens implant type.

## Lens Implant Types

- Monofocal lens with a single focal point
- Toric lens for correcting higher levels of astigmatism
- Multifocal lens for multiple focal points (near, intermediate and far vision)

# What to Expect

## Quick Treatment:

Cataract surgery usually takes less than 30 minutes. The CATALYS® portion of treatment usually takes just a few minutes.

## Comfort:

You can expect little or no discomfort during treatment and after surgery. During the laser portion, patients describe seeing a kaleidoscope of lights.



## Speedy Recovery:

Most people resume normal activities the very next day. And your sight may continue to improve for several days or weeks after surgery.

## Precautions:

Patients must be able to lie flat on their backs and motionless during the procedure.

Patients must be able to tolerate local or topical anesthesia. Tell your Doctor if you are taking any medications such as alpha blockers as these medications may affect how the Doctor does the cataract surgery.

