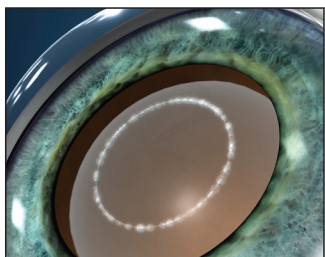


## CATALYS™ — THE WORLD'S MOST SOPHISTICATED LASER CATARACT SURGERY SYSTEM

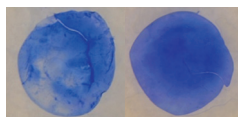
Catalys features a state-of-the-art laser, advanced 3D imaging, sophisticated software and other unique features that deliver a precise, customized procedure with exceptional patient comfort.

Catalys enables surgeons to create a perfectly sized, shaped and centered circular incision to access, break up and remove the cataract.<sup>1,2</sup> This precise and accurate incision helps your surgeon to place the artificial intraocular lens (IOL) in the exact intended position.

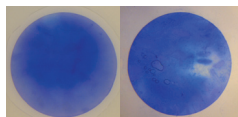
### The Circular Incision for IOL Placement



Location of Circular Incision

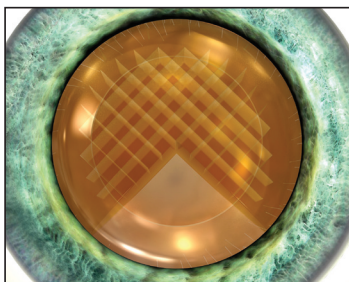


Created by Hand



Laser Incision with Catalys

This procedure enables your surgeon to soften and remove the cataract easily and more gently.<sup>2</sup> Using sophisticated laser pattern scanning technology, the surgeon can create grid-like patterns in the cataract to aid in break-up and removal.



Laser Lens Softening and Segmenting of the Cataract

## ISN'T IT TIME TO SEE WHAT YOU'VE BEEN MISSING?

Ask your doctor if laser cataract surgery with the Catalys Precision Laser System is right for you.



### References

<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*, Vol 2 Issue 58: 1-9 (2010)

### Indications for Use

The OptiMedica Catalys™ Precision Laser System is indicated for anterior capsulotomy and laser phacofragmentation during cataract surgery. The anterior capsulotomy and phacofragmentation procedures may be performed either individually or consecutively during the same surgery.

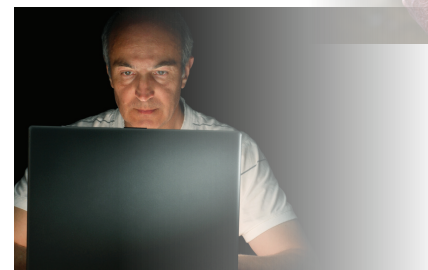
Contraindications, warnings, precautions, and adverse events are listed in the Catalys Precision Laser System Operator Manual. Your doctor will be able to discuss these topics with you.



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CATALYS™  
Precision Laser System

Experience the new standard  
in precision cataract surgery

Laser Cataract Surgery

# ABOUT

*laser cataract surgery*

A cataract is a condition in which the lens of the eye becomes clouded or opaque. When this occurs, visual disturbances (for example: glare, fuzzy vision) may make daily activities more difficult.



Cataract surgery is the most frequently performed surgical procedure in the world. In conventional cataract surgery, the surgeon uses hand held instruments to manually create a circular opening in the outer shell of the cataract. Next the surgeon uses instruments to break up and remove the cataract. Finally, the surgeon implants an artificial intraocular lens (IOL) inside the remaining shell to replace the natural lens.

In recent years, laser technology—which is used in procedures such as LASIK—has been incorporated into cataract surgery to enhance the precision and accuracy of the procedure.

The Catalys™ Precision Laser System from OptiMedica Corp. is the world's most sophisticated laser cataract surgery system. The result of years of development and clinical study, Catalys delivers industry-leading precision and a premium experience for patients.<sup>1,2</sup>

# KEY BENEFITS

*for patients*

## Custom approach:

While all eyes share the same basic anatomy, there are individual differences in size, depth and curvature. Catalys' imaging technology builds a unique 3D map of each patient's eye and then uses sophisticated software to customize the surgeon's treatment plan to each patient.

## Enhanced safety features:

Catalys' advanced 3D mapping and image-guidance software ensure that the laser pulses are delivered only to the intended treatment area, protecting surrounding eye anatomy. In addition, the Catalys laser system allows for gentler and easier cataract removal.<sup>2</sup>

## Speed and comfort:

With Catalys, each individual treatment is pre-programmed into the system to improve accuracy and reduce the total procedure time. In addition, the Catalys laser system is uniquely designed to maximize patient comfort.

## Unmatched precision:

Catalys delivers precision that is unmatched in the industry, producing incisions that are accurate within tens of microns.<sup>1,2</sup> To put this level of accuracy into perspective, the average width of a single human hair is 85 microns. This precision should enable the surgeon to more accurately place the IOL in the eye.

## What surgeons are saying about laser cataract surgery with Catalys

"Catalys treatments are **comfortable and quick for the patient**. I am confident in offering this technology because the system produces **safe, precise and reproducible laser cuts**."

Neil J. Friedman, MD

"I have been very impressed with how quickly patients have embraced Catalys. The **precision and accuracy** are obvious, and **patients are clearly benefitting** from the enhanced performance that the system provides. I am convinced that Catalys laser treatment is the **new standard in cataract surgery**."

Prof. H. Burkhard Dick, MD, PhD

"The **precision gains** we've seen with Catalys system in case after case have been **truly remarkable**, and **our patients have been very satisfied** with the experience and results."

Juan F. Batlle, MD

