

There are no other eyes like yours. And there is no other cataract procedure like ours.

TABLE 1

BASELINE DATA

SARAH PHYLLIPS

AGE: 68.2

	MEAN ±	STANDARD DEVIATION
ANTERIOR CHAMBER DEPTH (ACD)	3.48	0.36
AXIAL LENGTH	23.79	0.55
KERATOMETRY (K)	43.10	1.04



## Customized Laser Cataract Surgery for your eyes only.

*Eye Care Associates is pleased to welcome the new LenSx Laser and cutting edge technology for cataract surgery. In keeping with our commitment to bring services to our patients, we are proud to be the first practice in the tri-county area to offer Laser Cataract Surgery.*

No matter what aspects of life you value most - working, golfing, reading or just taking in the scenery while strolling around town - chances are they're highly or wholly-dependent on your sight. So if your vision is clouded by cataracts, you may actually be losing the ability to enjoy the very things, places and people that make life worth living. Fortunately, cataract surgery can help you regain what you've lost, both in terms of your vision and your quality of life. Now a technological breakthrough is available for use in cataract surgery.

When you choose to have your surgery performed with Alcon's LenSx Laser, you'll enjoy a truly innovative solution that allows for a customization in cataract surgery. A bladeless, computer-controlled laser allows the surgeon to plan and perform your surgery to exacting, individualized specifications not attainable with traditional surgical methods. With the LenSx Laser, you can move forward with confidence knowing that you've chosen the most advanced technology available for this life-changing procedure, one that enables a customized cataract surgery experience.

### What is a cataract?

A cataract is a clouding of the natural lens inside your eye. This lens, located behind the iris, works just like the lens of a camera - focusing light images on the retina, which send images to the brain. The human lens can become so clouded, it keeps light and images from reaching the retina.

A cataract can be the reason sharp images become blurred, bright colors become dull, or seeing at night is more difficult. It may also be why the reading glasses or bifocals that used to help you read or do simple tasks no longer seem to help. Vision with cataracts has been described as seeing life through old, cloudy film. But a cataract is not a "film" over the eyes. It cannot be prevented and diet will not make it go away. Eye injury, certain diseases, or even some medications can cause the clouding.

The best way to treat a cataract is with surgery that removes the old, clouded lens and replaces it with a new, artificial one to restore your vision, and in many ways, significantly improve your quality of life. Today's technologies have made both the surgery itself and the replacement lenses safer and more effective than ever. For instance, the refractive cataract laser has significantly increased surgical precision.

## What exactly is cataract surgery?

Thanks to huge medical advances, cataract surgery is one of the safest and most successful procedures performed today. Cataract surgery is generally a simple, outpatient procedure with little discomfort, requiring only a few hours and topical anesthetic. The goal of the operation is to break the old, cloudy lens into pieces, remove the pieces from the eye and insert a replacement lens to replace the natural lens. Traditionally, the surgeon would accomplish these tasks by making a tiny incision in the eye and then using an instrument about the size of a pen tip. Now, patients also have the option of choosing a bladeless, computer-controlled refractive cataract laser to perform several of the most critical steps of cataract surgery.

## What is the LenSx Laser?

The LenSx Laser is an advanced, precision based technology that operates with unmatched precision and computer-control, helping surgeons to customize the procedure to your eye. It is a technologically advanced option for cataract patients. When you choose the LenSx Laser, you'll enjoy a range of vital benefits.

## A custom tailored solution for your eyes.

While all human eyes share the same basic anatomical structure, every eye is just a bit different in terms of size, depth, curvature of the cornea and other key features. Which is why every eye must be carefully measured and mapped prior to cataract surgery. While these measurements have been routinely performed prior to surgery, the LenSx Laser uses a range of highly advanced technologies - including integrated optical coherence tomography (OCT) - to capture incredibly precise, high-resolution images of your eyes. These images—and the measurements and data they provide - are then used to plan and perform a surgery to exacting specifications not attainable with traditional surgery.



## Computer control to ensure unmatched precision and accuracy every step of the way.

The LenSx Laser adds computer-control to key steps of cataract surgery. Its unique software control system analyzes high-resolution OCT images of your eye; helps the surgeon to design a customized procedure; and then, visualizes and performs the procedure on command from the surgeon! To further enhance accuracy, a patient interface connects your eye to the image-guided surgical unit, so that both the LenSx Laser computer and the surgeon commanding it have precise, real-time images at all times during the laser procedure.



**For more information or to schedule an appointment, please call our Patient Advisor: 330-747-2733.**

### Locations

1075 W. Western Reserve Road, Poland, OH  
10 Dutton Drive, Youngstown, OH  
242 W. 5th Street, East Liverpool, OH  
199 Niles-Cortland Road, Warren, OH

[www.eyecareassociates.com](http://www.eyecareassociates.com)