

LAWRENCE M. BUONO, MD

Lawrence M. Buono, MD performs all laser cataract surgery at Eastern Long Island Hospital. Dr. Buono brings a wealth of experience and an exceptional reputation to North Shore Eye Care and Eastern Long Island Hospital. He provides each and every patient with compassionate care and personal attention. Extensive training and 15 years of cataract surgery expertise reassures patients they are in highly capable hands. Prior to surgery, Dr. Buono will create a customized treatment plan based on your ocular anatomy and will thoroughly discuss your desired refractive result.

Board certified by the American Board of Ophthalmology, Dr. Buono treats all medical and surgical conditions of the eye. He specializes in ophthalmic surgery, including cataract, glaucoma and ophthalmic plastic surgery. He has a special interest in complex cataract surgery, including lens exchange and sutured intraocular lenses. Dr. Buono is also fellowship trained in neuro-ophthalmology. He completed his training at the world-renowned Wills Eye Hospital in Philadelphia. He then served as an Assistant Professor of Ophthalmology at the prestigious Duke University Eye Center before joining private practice.

**To make an appointment, please call
631-779-4275.**



Lawrence M. Buono, MD

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setting a
NEW STANDARD in
**CATARACT
CARE**



WHAT IS A CATARACT?

Most people are relieved to learn that cataracts are simply part of our body's normal aging process. A cataract is a gradual, progressive clouding of the eye's natural crystalline lens. In most cases, this aging process causes glare, yellowing and reduced intensity of color, and other hindrances to normal vision. Patients often describe their vision with this condition as similar to looking through film or a piece of wax paper. The majority of people over the age of 60 have some stage of cataract development. However, cataracts can also occur in people who are in their 50s and even 40s, which is about the same time most of us start to require reading glasses. Fortunately, recent developments in lens implant technology and surgical techniques have made cataract surgery today one of the safest and most successful surgical procedures performed in medicine. Each year more than two million men and women have their vision restored through cataract removal and lens implantation.

RESTORE YOUR YOUTHFUL VISION

Breakthrough innovations in cataract surgery now provide various options for patients to help improve their vision. One such advancement is the use of a laser for cataract surgery.

The femtosecond laser makes the procedure even safer, more comfortable, and more predictable in terms of its outcome.



KEY BENEFITS OF LASER CATARACT SURGERY

CUSTOMIZATION

Every eye has a unique size and shape. Before your procedure, the laser scans your eye and makes detailed 3D maps of relevant structures. This allows our surgeons to create a custom treatment plan that is uniquely personalized for your eye.

SAFETY

The image-guided laser is more accurate and precise, thus eliminating some of the variables that have complicated traditional cataract surgery in the past. Recent results show that the laser is up to 10x more precise than manual techniques for portions of the cataract surgical procedure. This accuracy and precision makes visual outcomes more predictable.

GENTLE APPROACH

Our surgeons can use the laser to soften the hard cataract. Softening the lens with the femtosecond laser enables your surgeon to remove the cataract gently. If you desire to enjoy a broader, less-restricted range of vision with reduced or no dependence on prescription eyewear, patients may request a personalized treatment that could include precise laser incisions in the cornea and a specific lens implant type.

TYPES OF LENS IMPLANTS:

- ***Monofocal lens for vision at one distance***
- ***Multifocal or accommodating lens for near, intermediate and far vision***
- ***Toric lens for correcting astigmatism***

EXCEPTIONAL CATARACT CARE IN A WARM, COMPASSIONATE SETTING

Eastern Long Island Hospital (ELIH) is pleased to offer patients laser-assisted cataract surgery. The femtosecond laser provides exceptional control over every phase of cataract surgery, removing cataracts with a degree of accuracy never before possible. Situated in Eastern Long Island Hospital's Ambulatory Care Center, the laser signifies a bold leap forward by bringing image-guided precision that results in a targeted refractive outcome for patients in a caring, comfortable setting close to home.

At ELIH, every patient receives the highest level of care and personal attention. Our team of board-certified physicians, anesthesiologists and registered nurses ensure a safe and speedy recovery. The Advanced Ambulatory Care Center is a multi-specialty surgical center with 9 ambulatory surgery bays, 3 surgical suites and a procedure room. Rooms are equipped with the latest surgical equipment. Patients and their physicians choose Eastern Long Island Hospital because our hospital care team is dedicated to providing surgical services that meet the highest standards of quality and safety. Our state-of-the-art Ambulatory Care Center offers a beautiful waiting area with tranquil views of Stirling Harbor. Individual treatment and recovery bays offer the ultimate in patient comfort and design.



Call North Shore Eye Care at 631-779-4275 or visit us at nseye.com.