Laser Cataract Surgery and Lens Implants

bringing life into focus
Enjoy life with a clearer perspective.
Our Vision Serves To Enhance Yours

Every day you participate in activities that require focused vision. Whether it’s reading a newspaper, driving a car or hitting a golf ball, clear vision is essential to your safety and enjoyment.

For over three decades, the physicians at Gordon Schanzlin New Vision Institute (GSNVI) have been helping people bring life into focus through vision correction surgery. Since then we have performed over 75,000 refractive and cataract procedures and remain one of the world-leaders in treating nearsightedness, farsightedness, astigmatism, presbyopia and cataracts using advanced laser and lens implant techniques.

We are pioneers in the industry and are committed to outstanding patient care. If you are ready to see the world in a whole new way, we are ready to provide you with the best experience possible. By discussing your lifestyle and vision goals and by utilizing world class technologies, our physicians are able to customize a treatment plan specific to you to obtain optimum results.

Enjoy life with a clearer perspective.
What is a Cataract?
Cataracts occur when the naturally clear lens within your eye becomes cloudy. Though painless, cataracts restrict the amount of light entering your eye and may cause:

- Hazy or foggy vision
- Unusual glare
- Poor night vision
- Decrease in color perception
- Restrictions on social activities due to vision

Cataracts can develop in patients of almost any age and the rate at which cataracts mature can vary. Schedule an evaluation to determine which type of cataract procedure is right for your lifestyle and expectations.

Laser Assisted Cataract Surgery
Cataract surgery is the most common surgery in the United States with over 3 million procedures performed each year. At GSNVI, we are excited to offer the latest advances in cataract surgery. Laser Assisted Cataract Surgery utilizes a femtosecond laser (called the LenSx®) to perform the first step of the procedure. Benefits of the LenSx® are:

- Greater surgical precision
- Bladeless incisions
- Customized treatment for each patient
- Astigmatism correction performed at the time of the cataract surgery, allowing for improved vision and less dependence on glasses following surgery
After the laser has prepared your eye for surgery, your surgeon will remove the cataract lens and replace it with an artificial lens. This new lens will provide the focusing power for your vision. Cataract surgery has become more refined over the last decade and the options for lens implants have also advanced. Some lens implant options can even improve vision at all distances and provide independence from glasses or contact lenses.

However, it is important to note that not everyone will gain 20/20 vision at all distances after this procedure and you may still need corrective lenses for some activities such as reading small print or focusing on objects in low light. Your surgeon will discuss which lens options you are a candidate for and which lens best suits your vision needs and lifestyle.

**Lens Implant Options**

**Monofocal Lens** – traditional lens that has been used for years and is designed to correct your vision at one focusing point once the cataract is removed. With this lens option, it is not uncommon to need glasses for distance, intermediate and near vision and to correct astigmatism. You may need new bifocals, progressive lenses or reading glasses following your procedure.

**Toric Lens** – designed for patients with significant astigmatism and allows for improved vision at one specific focusing distance. You may need new reading glasses or bifocals following this procedure for your near vision activities.

_Experience the comfort of your natural vision._
**Accommodative Lens** – advanced lens option that has the ability to move within the eye to provide distance, intermediate and some near vision. When you focus at an intermediate or near range, such as when looking at a computer screen or reading, the lens automatically accommodates, or moves forward within the eye to focus at near. This is an excellent lens for distance and intermediate vision (such as computer). In some cases this lens can also correct astigmatism.

**Multi-focal Lens** – advanced lens option with concentric rings that splits incoming light to provide a range of vision. The lens is set for distance and over time the brain learns to work naturally with the lens, the pupil and lighting conditions to send light to distance, intermediate, and near focal points. In this way, the rings, or steps, on the lens provide a full range of quality vision for a variety of indoor and outdoor activities. Newer generations of multi-focal lenses allow for even more specification to you and your lifestyle, with emphasis on the near or intermediate activities that you do most often.

**Blended Vision** – technique achieved by setting a lens in the dominant eye for sharp distance vision and a lens in your non-dominant eye for near vision. The brain merges these images together to provide a full range of functional vision and freedom from glasses for most activities. Blended vision can also be accomplished with toric lenses for patients with significant astigmatism.
**Depth of Focus Lens** – This intraocular lens provides an extended range of vision by increasing depth of focus. Individuals with active lifestyles who wish to see clearly for distance, intermediate and some near activities will be well suited for this lens. This lens allows for a range of vision as well as having features that improve overall quality of vision. This lens also has the ability to correct for some ranges of astigmatism.

**Advanced Technology**

**ORA** – The physicians at GSNVI utilize the most advanced technology to help you achieve the best possible results. The Optiwave Refractive Analysis System (ORA) is used during surgery to verify the lens power for each patient. The ORA ensures you have the best possible vision with your chosen lens and allows your surgeon to further improve accuracy.

**Refractive Lens Exchange (RLE)** – may be an excellent alternative for patients who have early lens changes but do not yet have mature cataracts, especially if you have been told you are not a candidate for LASIK or refractive surgery.

RLE replaces the natural crystalline lens in the eye with an intraocular lens. The procedure is designed to reduce or eliminate dependency on glasses or contact lenses and can be a great long-term solution for your visual needs. Laser Vision Correction procedures such as LASIK, correct vision by changing
the shape of the cornea. RLE does not change the shape of the surface of the eye but, rather, changes the lens inside the eye. This procedure is very similar to cataract surgery utilizing the same advanced techniques and lens choices. Our experienced surgeons at GSNVI offer a number of RLE treatment options and, following a consultation and discussion regarding your visual goal, can recommend an option best suited to your lifestyle.

Our Vision For Excellence

We realize there are endless options for your eye care. We work hard to set ourselves apart with the highest level of patient care and the most innovative techniques. We believe your vision is worth it! Here are some important reasons you should trust your eyes to GSNVI.

• Our eye surgeons are recognized worldwide for their clinical expertise in the treatment of Cataracts, Laser Eye Surgery and other Vision Correction procedures. They are frequent lecturers for the American Academy of Ophthalmology and the American Society of Cataract and Refractive Surgery and medical consultants for leading ophthalmic corporations. Refractive surgeons from around the world visit our practice to learn advanced techniques.

• We were the first to offer Laser Refractive Cataract Surgery in San Diego. Our surgeons seamlessly incorporated their skills and experience performing traditional cataract surgery with the most advanced Femtosecond Laser technology to give exceptional results.
• More than 2,000 physicians, optometrists and other medical professionals, along with their family members, have placed their confidence in our surgeons to perform their vision correction procedures.

• Our staff and surgeons employ rigid controls on clinical protocols and operating procedures. Each detail is verified and rechecked at every step of your care to provide optimal safety and results.

• Through our ongoing participation in clinical research and FDA Clinical Trials, our goal is to provide you with the latest technology and procedures for the best possible outcome. We were the original investigator in San Diego for the VISX, Summit and Allegretto lasers.

Whether you are seeking cataract surgery, laser eye surgery or lens implants in San Diego, we can make your procedure affordable. We accept a variety of payment options and offer interest-free payment plans so you can experience a world of clearer, more natural vision.

Cherish the ability to focus on the little things.
Dr. Michael Gordon

Dr. Michael Gordon is a leading expert in refractive surgery. For over two decades he has been involved in every aspect of the laser vision correction industry-- as a surgeon, researcher and educator. Dr. Gordon has performed thousands of procedures and is among the most experienced refractive surgeons in the world. Dr. Gordon is recognized internationally as a pioneer in the field of refractive surgery, teaching and lecturing throughout the world. He is the only surgeon in the U.S. to have been involved in all phases of the clinical investigation for the Summit Laser. He has authored many articles, written chapters for three textbooks on refractive surgery, and co-authored a book on Wavefront technology.

Dr. Gordon’s clinical interests lie in leading the way for the future of laser vision correction through his continued commitment to develop the most advanced techniques and technology available.

Find beauty in places you never thought to look.
Dr. David Schanzlin

Dr. David Schanzlin is a world-renowned educator and innovator in his field. Dr. Schanzlin was the co-inventor on the patent for use of ultrashort pulse laser cataract surgery, helping bring this new technology to market. In addition, he served as the world-wide lead investigator during the 13 years of development and clinical studies on Intacs®, and is considered the world authority on this procedure. He was elected President of the International Society of Refractive Surgery (1998-2000) by his peers because of his distinguished reputation as a refractive surgeon. In 2003 Dr. Schanzlin received the Jose I. Barraquer award for significant contributions in the field of refractive surgery and exemplifying scientific dedication.

Dr. Schanzlin served as Professor and Director of Keratorefractive Surgery at Shiley Eye Center, UCSD Department of Ophthalmology. Dr. Schanzlin’s esteemed reputation and surgical skills are recognized world-wide. He has served as President of the San Diego Eye Bank and is very involved in the community.
Dr. Alison Gordon

Dr. Alison Gordon is an Associate Physician and Surgeon specializing in refractive surgery, cataract surgery with intraocular lens implants, glaucoma management and an array of general ophthalmology procedures. Dr. Gordon is among the first surgeons in the United States to be certified on the LenSx® Femtosecond laser for the treatment of cataracts. She has been a clinical investigator for Acufocus (to determine safety and effectiveness of intrastromal inserts for presbyopia) and was a sub-investigator for topography guided LASIK and PRK for myopia with and without astigmatism using the Allegretto Wave Eye-Q 400 Hz Excimer laser system.

Dr. Gordon is a member of the American Academy of Ophthalmology, the American Medical Association, the Alpha Omega Alpha Society and a past member of the Unite for Sight Organization, a group that performs vision screenings and provides eye health information to members of the community. She has served as a Spanish translator for Community Health Center in Princeton, New Jersey. She has volunteered her time as a Big Sister in the Big Sister Mentor program and with Project Access San Diego and EyeCare of America.

Savor the new day with renewed vision.
Dr. Echegoyen specializes in anterior segment surgery, cataract surgery with intraocular lens implants, refractive cataract surgery, intraocular lens exchange, complex cataract surgery, glaucoma management, micro invasive glaucoma surgery, corneal diseases and treatment, pterygium procedures, and an array of general ophthalmology procedures. Dr. Echegoyen attended medical school at the University of California, Irvine. He completed his internship at the University of California Irvine Medical Center and residency in ophthalmology at the Gavin Herbert Eye Institute, UC Irvine. Dr. Echegoyen was a Fellow in corneal, external disease and refractive surgery at UC San Diego. He further received his PhD in Biological Sciences in 2008 from the University of California, Irvine.

Dr. Echegoyen is a member of the American Academy of Ophthalmology and the American Society of Cataract and Refractive Surgeons. He is a member of the Latino Medical Student association and has been involved with several research projects, journal articles and book chapters. The doctors and staff are excited to welcome Dr. Julio Echegoyen to our practice.
Dr. Diana Pust

Dr. Diana Pust has many years of experience in providing refractive surgery candidate selection and education, pre and post-operative care for refractive surgery, cataract and refractive lens replacement surgery patients. She is a Summa Cum Laude graduate of the Southern College of Optometry, and earned her Bachelor in Science in Biological Sciences at UC Davis. Dr. Pust has worked with all aspects of optometry services, and is a great resource for our Co-management team and affiliate doctors.

Dr. David Geffen

Dr. David Geffen received his Bachelor of Science in Biology from University of California, Los Angeles, and his Doctor of Optometry from University of California, Berkeley, School of Optometry. He was in private practice in La Jolla from 1982 to 1994 before joining Gordon Schanzlin New Vision Institute, a group practice, with Michael Gordon, M.D. and David Schanzlin, M.D. Dr. Geffen is the Director of Co-Management Services, working with practices all over the United States who refer patients for vision correction surgery. The co-management team works together with your primary eye care doctor to ensure quality patient care.
We Work Closely With Your Family Eye Doctor

The doctors at Gordon Schanzlin New Vision Institute appreciate the important and long-standing relationship you have with your family eye doctor. It is important to us that your doctor remains an integral part of this life-changing vision correction process. By managing your care in partnership with a doctor who knows your visual history better than anyone, you benefit from the best possible combination of professional resources for your surgery and post-operative care.

We are pleased to work closely with leading eye care doctors in the community who are experienced in the post-operative management of surgical vision correction. Your family eyecare doctor has a thorough understanding of your visual history and can, therefore, provide continuity of care for you following your vision correction procedure. The follow-up care includes post-operative visits to evaluate eye health and vision checks at specific intervals.

Gordon Schanzlin New Vision Institute surgeons are always available to you or your doctor for consultation. All post-op evaluations are forwarded to your surgeon for review and monitoring of your progress as we have an open line of communication with your doctor.

We encourage you to discuss co-management with your primary eyecare doctor. If you have questions about vision correction co-management, please feel free to contact your patient care coordinator. We look forward to working with your family eyecare specialist to provide the highest quality of care for your visual needs.

You can be confident when you choose the doctors that more than 2000 doctors have chosen to perform their vision correction surgery.
let us bring your life into focus

For more information about our advanced procedures and expertise, call 858-455-6800 or visit www.gwsvision.com

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