

Your Path To
Lens Replacement
Begins Here



vision correction boutique

LA SIGHT
David A. Wallace, M.D.

F U Z I C H I

Presbyopia – Changes of the Maturing Eye

All of us notice an important change in our vision sometime around the age of 45. It seems like we wake up one day and can't focus up close. Perhaps this change was more gradual – it became difficult to see a menu or credit card statements in a dimly-lit restaurant, or price tags and caller ID weren't as clear – but as long as we held our arms out a little further, we could read. One day, we ran out of arm length, and reading glasses or progressive lens glasses became a constant companion. This condition is called presbyopia, and comes from the gradual hardening of the lens in the eye. As we age, the lens doesn't flex well to shift focus between distance and near, and reading becomes difficult without magnification. Presbyopia afflicts everyone over the age of 45.

I am so happy with my eyes! I love that I can read the signs at the grocery store, and just see so many things. Thank you so much for the gift of sight!

Elizabeth F.

Loss of Clarity of the Natural Lens Leads to Vision Clouding

Our eye functions much like a camera. The natural lens helps focus images onto the back of the eye so we can see clearly, much like the lens of a camera focusing images onto film for a clear picture. At birth, our natural lens is clear, but as we age it yellows and hardens. In addition, the lens may become cloudy. The aging change of the natural lens is called a **cataract**. Everyone who lives long enough will at some point develop cataracts. As the lens becomes cloudier, vision becomes more blurred.

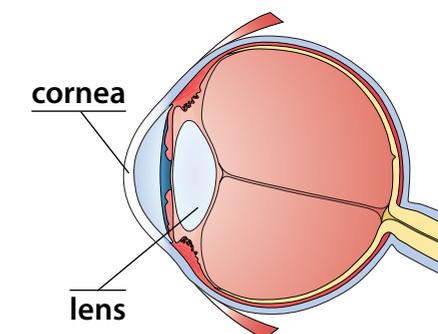
Symptoms that could indicate the presence of a cataract include a gradual dulling of colors, halos around lights, uncomfortable glare when driving, difficulty reading in low light, or difficulty reading the channel guide and text on TV. For many, it feels like they frequently need to get a new prescription for eyeglasses.

A cataract can progress until eventually there is profoundly reduced vision in your eye. Surgery is the only way a cataract can be corrected. You should consider surgery when cataracts cause enough loss of vision to interfere with your daily activities.

What are my lens replacement options?

Most surgeons place emphasis on the problem – the cataract. Instead, we focus on the solution – the replacement lens. This deserves our attention because it determines the vision you will live with for the rest of your life. That's why we'll talk with you about your required activities, and those you enjoy, so we better understand the demands you place on your vision. Then we can custom match the appropriate replacement lens to your needs.

There are many intraocular lens (IOL) choices once we remove your natural lens. Older style IOLs only have clear focus at a single distance, and are unable to correct for astigmatism. Newer lenses have wider focus range, can correct for astigmatism, can afford better-quality night vision, or can focus at multiple ranges giving clarity at near and far. Today, you have three choices for your replacement lens. Your decision should be based on the range of vision you'd like to achieve after lens surgery.



You Have Lens Replacement Options.

Correcting Distance Vision with a Single-Focus Lens

A monofocal or single-focus lens is designed to provide clear vision at a single distance point. This means you will be able to see objects far away. However, you will need glasses for reading and any type of close, detailed work. Monofocal IOLs have been the standard implant used for decades to help patients after cataract removal. New advancements in monofocal lens design provide improved clarity and night vision compared to older designs. These newest lenses incorporate unique optics to compensate for specific deficiencies in the way your eye focuses light.

As we age, the geometry of our eyes changes, so that light enters the eye and bends differently to create one point of focus. Dr. Wallace selects the individual lens that best suits the required geometry of your eye. Advanced-technology (aspheric) monofocal IOLs are designed to mimic the performance of an average 50-year-old eye.

Correcting Distance Vision and Astigmatism

Astigmatism correction is a vital new area of lens replacement. Astigmatism is a common condition where the cornea is not evenly curved, shaped more like the side of a donut than a perfect sphere. Your vision is potentially affected by two types of astigmatism –corneal and lenticular – and we can correct both with new astigmatism-correction techniques.

It is now possible to correct nearsightedness (or farsightedness) and astigmatism at the time of cataract removal and lens replacement. Approximately 40% of people having cataract surgery will benefit from having astigmatism corrected, in order to achieve best unaided vision. There are several methods to correct astigmatism. The most advanced method uses a new type of lens implant, called a Toric lens. Modern Toric IOLs can correct even significant amounts of astigmatism. In some cases, a combination of lens replacement and laser vision correction is advised to maximize results for astigmatism correction.

Correcting Distance and Near Vision with Multifocal or Accommodating IOLs

Older-style monofocal IOLs provide clear vision at either far or close viewing distances. Recent advances in IOL design now make it possible for both eyes to enjoy good far and near clarity, using multifocal IOLs. Multifocal IOLs afford the option to obtain the greatest range of glasses-free vision in the history of modern eye surgery.

Based on your eye health, optical prescription, and life-style, Dr. Wallace will personalize his IOL recommendation to best suit your visual needs.

I'm very satisfied with my lens replacement results. Now I only wear sunglasses. I love having my new eyes and now I can see everything! Best thing I have ever done for myself. Dr. Wallace and his staff are great – very friendly and they make you feel good about having your eyes fixed. It's wonderful to see again without glasses.

Steve T.

Refractive Services

Vision Tailored to your Lifestyle, Visual Needs, and Preferences

Combining advanced IOL use with our specialized care, we're able to deliver an incredible range of glasses-free vision – in both eyes – after cataract surgery. This care is referred to as Refractive Services, and involves careful discussion of your visual needs, interests, preferences and hobbies, then custom-tailoring a treatment plan specifically for you.

We're extremely skilled in delivering excellent visual outcomes, reducing your dependence on glasses. To accomplish this, we provide rigorous surgical planning, perform refined measurements during surgery, and employ surgical techniques to reduce or eliminate astigmatism. If needed, we fine-tune the results with a LASIK procedure to achieve the desired optical target for best vision results.

Combining cataract care with Refractive Services allows us to correct virtually all optical imperfections, including nearsightedness, farsightedness, and astigmatism. Advanced lifestyle lens implants can dramatically reduce the need for glasses for the majority of daily tasks.

People choose Refractive Services because they want a fuller range of clear vision without glasses. With careful evaluation, discussion of available options, and care tailored to individual preferences, we create functional visual solutions for the patients we serve.

Your Lifestyle. Your Vision.

Our goal is to help you achieve the best vision possible over the widest range of viewing distances, appropriate to your visual needs, lifestyle, and interests. Dr. Wallace works diligently to match patients with the right treatment plan to suit the demands of unique lifestyles, because we all place different demands on our vision. Your work, activities and hobbies will determine your vision preferences.

I love not having to wear glasses for anything after so many years of wearing glasses or contact lenses for everything. The freedom is beyond wonderful! Dr. Wallace is fantastic, with a wonderful bedside manner and truly cares about his patients. Couldn't ask for a better staff – they were very interested in my feelings and my results. You all are fantastic.

Linda T.



Laser-Assisted Cataract Care

Laser technology has revolutionized many aspects of medical care, and now, laser precision has reached cataract surgery. Dr. Wallace is pleased to offer laser cataract surgery to patients seeking the utmost safety and precision for cataract removal.

Laser-assisted cataract care allows several steps of modern cataract surgery to be performed with laser precision. This affords slightly greater precision and greater accuracy than when the same steps are done without the laser. This technology allows treatment to be tailored to each individual's eye to a level that is not attainable with traditional non-laser methods. The lasers used in modern cataract care are referred to as femtosecond lasers.

Most cataract surgeons do not have access to a femtosecond laser due to operating costs. Dr. Wallace performs cataract surgery at an outpatient surgery center dedicated exclusively to ophthalmic surgery, where usage is shared with many other technology-forward cataract surgeons. At this facility, we have access to not one, but two laser systems for cataract surgery: the OptiMedica Catalys and the Alcon LenSx. Our center is one of a select few in North America to have both systems available.

Both laser systems are FDA-approved, and integrate a femtosecond laser, advanced optics, patented control software and 3D image guidance with optical coherence tomography (OCT).

Dr. Wallace performs both laser cataract surgery and traditional cataract surgery. The key benefits of laser cataract surgery versus traditional cataract surgery are:

- ▣ The laser creates a more precise circular incision in the membrane covering the cataract, improving the placement and position of the lens implant, leading to a greater likelihood of clear vision without glasses.
- ▣ The laser pre-softens the cataract, allowing Dr. Wallace to minimize the use of ultrasound energy to remove the cloudy, hardened cataractous lens. Less ultrasound energy means a reduced likelihood of thermal tissue injury inside the eye, which in turn speeds recovery.
- ▣ Astigmatism correction can be done more precisely with the laser, compared to manual incisions using a surgical blade. Astigmatism requires patients to wear glasses after cataract surgery. Correcting astigmatism reduces the needs for glasses afterwards.

Laser-assisted cataract surgery can be included with any of our cataract removal and lens implant procedures, although additional costs are not covered by health insurance.

Dr. Wallace will discuss with you potential benefits and risks of using the laser during your cataract surgery.

***I'm thrilled with my new vision!
I never wear (prescription) glasses!***

Gail M.



Lens Implant Options

Multifocal IOLs

Multifocal lenses are designed with concentric rings of differing focal power, affording clarity at near and distant range. In clinical studies, most recipients of multifocal IOLs report they don't need to wear glasses for the vast majority of their activities, and report being comfortably glasses-free at all times. The two multifocal IOLs available in the US are the AMO Tecnis and the Alcon ReSTOR.

Dr. Wallace is a wonderful doctor and he did an excellent job with my eyes. I felt very comfortable with him right from the start and his staff is very professional and caring, so I was not scared and felt at ease during my procedure. I'm so thankful I had surgery!

Elizabeth F.

Crystalens

The Crystalens IOL is pseudo-accommodating because it is designed to mimic properties of the eye's natural lens, including some ability to adjust focus through a range of distances. When we wish to view something up close, the focus-adjusting muscle in our eye (the ciliary muscle) contracts, changing the pull of certain microscopic fibers (zonules) on the natural lens, which changes lens curvature. This elegant mechanism within the eye works much like auto-focus on a camera. The Crystalens was designed to move slightly forward or backward inside the eye in response to ciliary muscle tension, thus adjusting for focus similar to a young (pre-presbyopic) eye.

Toric IOLs

A Toric IOL is designed for the correction of astigmatism, in addition to correcting nearsightedness or farsightedness. Prior to the development of Toric lenses, people still had to wear glasses to correct astigmatism after cataract surgery, or undergo a second procedure

to correct this optical imperfection. Toric IOLs are designed to eliminate astigmatism as well as any near- or farsightedness that may have existed prior to your IOL care. This creates optimal clarity at the desired range (distance, near or intermediate) without glasses.

Aspheric IOLs

Aspheric IOLs are designed specifically to enhance the 'crispness' of one's vision. An aspheric lens corrects spherical aberration or asphericity, a type of optical aberration that causes such issues as glare, halos, and decreased night vision clarity. The result is improved vision quality in any lighting condition.

We use several different aspheric IOLs depending on your eyes, prescription, age, and whether you have previously had laser vision correction. Certain aspheric IOLs including the Tecnis monofocal can actually offset or correct for corneal asphericity. This is why some aspheric IOLs provide better overall visual clarity, and better night vision, than traditional IOLs.

Clear Lens Replacement

In some cases, people struggling with vision issues are more mature in age but haven't yet developed visually-significant cataracts. Perhaps the natural lens in the eye is still clear but no longer allows focus on near objects. In this case, we suggest Clear Lens Exchange.

Similar to cataract surgery, the eye's natural lens is replaced with one of the aforementioned IOLs. This affords great distance clarity, good near vision, and potentially greater independence from glasses. Plus, cataract surgery will not be a concern in the future, because once the natural lens is replaced, this vision is maintained for life.



Lens Replacement Fees and Insurance Coverage

We work to offer recommendations and care tailored to your unique visual needs and lifestyle. The combination of cataract surgery, advanced technology, refractive services and optimal lens implant selection makes this possible. Below we explain these services in greater detail, to help you understand your options and expected insurance coverage.

Standard Cataract Surgery

We may recommend cataract surgery to help you improve your vision. Cataract surgery is only intended to correct the cataract, and we expect that your health care insurance plan or Medicare will pay for the procedure in accordance with your plan rules. With standard cataract surgery alone, you should expect to wear glasses most of the time, for distance and near tasks, to achieve optimal vision.

Cataract Surgery with Refractive Services

If you would like to decrease your dependence on glasses, you may choose to include refractive correction at the time of your cataract treatment. Refractive care is designed to minimize the use of glasses. Our refractive services include a more detailed pre-operative assessment, proprietary focusing-power calculations, addressing astigmatism, use of specialty lens implants, intraoperative laser-guided measurements, and other techniques, including any required fine-tuning done after surgery with LASIK. Patients who elect to receive refractive correction at the time of cataract surgery will be responsible for these fees.

Laser Cataract Surgery

Our surgery center was the first in California to offer laser-assisted cataract surgery. The femtosecond laser replaces several manual aspects of standard cataract surgery traditionally performed by the surgeon's hand. The precision of the laser-created incisions allows Dr. Wallace greater control over the final outcome, which should lead to improved vision. You may elect to have the femto laser used during your procedure, to further improve accuracy during your lens replacement surgery. The use of the femto laser is optional and it is not covered by insurance plans, so the fees associated with its use are the patient's responsibility.

Depending on your desire to achieve a full range of vision without glasses, you may choose:

- ▣ standard cataract surgery, with the understanding that you'll wear glasses full-time after surgery; or,
- ▣ refractive surgery and services during your cataract surgery to decrease your need for glasses for many activities.

The basic costs of standard cataract surgery and a monofocal (single-focus) IOL are typically covered by health insurance, if you have a PPO or POS plan. Optimal lens replacement care, including a multifocal lens, laser cataract surgery, and other refractive services, are not covered by health insurance.

Summary of Insurance Benefits for Lens Surgery

	FACILITY FEES	PHYSICIAN FEES	LENS IMPLANT FEES
COVERED	Cataract Surgery Surgery Center Anesthesiologist	Cataract Surgery	Single-focus Lens
NOT COVERED	Clear Lens Surgery Astigmatism Correction Enhanced Night Vision Multifocal or Accommodating Lens Implant	Refractive Services and Surgery Femto Laser Use Clear Lens Surgery Extended Care for Astigmatism Correction Extended Care for Enhanced Night Vision Extended Care for Refractive Treatment	Multifocal Lens Toric Lens (for astigmatism)

Why Choose LA Sight?



Our Team

Personalized Care: LA Sight's mission is to deliver exceptional results in a comfortable setting. Our boutique-style, one-on-one client approach is highly personalized and refreshing in the field of health care. We listen to our patients, discuss visual needs, lifestyle, expectations, and consider every option before recommending the treatments best suited for the people we serve.

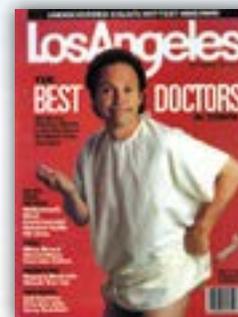
Results: The most important question anyone wants to know is: "What results can I expect?" Dr. Wallace is an advocate for accountability in health care, and believes in full disclosure of information. This is why we scrutinize our data, track results of all care rendered, and publish this data on our website, www.LA-Sight.com.

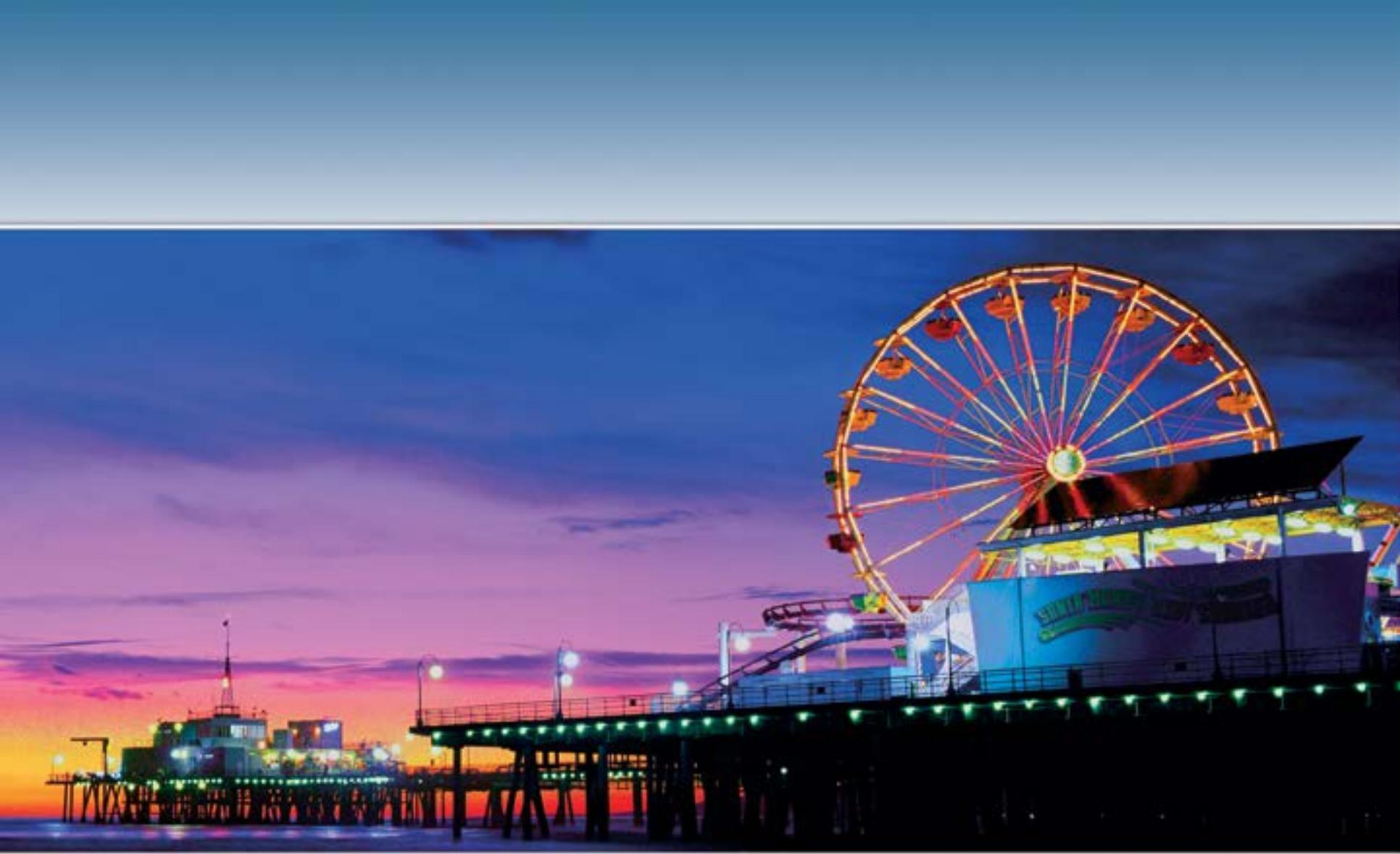


Your Surgeon – David A. Wallace, M.D.

The success of your vision correction procedure will be a direct result of the experience and commitment of the surgeon you choose. Dr. David Wallace is a leader in the field of vision correction. With over 30 years of experience, and over 35,000 vision correction procedures performed, he is one of the most experienced surgeons in the region. Dr. Wallace's meticulous attention to detail, and commitment to using the best technology possible, are hallmarks of our care.

- Board-certified ophthalmologist specializing in vision correction, including laser treatment and lens-based surgery
- Graduate of UC San Diego School of Medicine
- Ophthalmology residency at USC Medical Center's Doheny Eye Foundation
- Named by Los Angeles Magazine as one of "LA's Best Doctors"
- Referenced in several publications including the New York Times, Los Angeles Times, and Business Week magazine
- Authored numerous scientific papers and articles on laser eye care for professional journals and national magazines
- Innovator and inventor of instrumentation that is widely used in offices around the world for the diagnosis and management of glaucoma, performance of cataract surgery, and the measurement of corneal thickness in assessing refractive surgery candidacy
- Advocate for public accountability of health care professionals through outcomes analysis





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