https://rxsight.com/

What You Should Know About LAL and Cataract Surgery



Cataracts are a common part of aging. They form when the clear lens in your eye becomes cloudy, making your vision blurry or dim. Over time, this can interfere with everyday activities like reading, driving, or recognizing faces. Fortunately, cataracts can be treated with a safe and highly effective procedure: cataract surgery.

During surgery, your cloudy lens is removed and replaced with a clear artificial one called an intraocular lens (IOL). Cataract surgery is the most common surgery in the world—and one of the most successful.

Even better? Today's advanced lenses don't just restore clarity—they can also correct other vision issues like nearsightedness, farsightedness, astigmatism, and age-related difficulty focusing (presbyopia).

A Revolutionary Option: The Light Adjustable Lens™

While many IOLs restore vision, the Light Adjustable Lens™ (LAL®/LAL+®) takes it a step further—it gives you and your doctor the power to fine-tune your vision *after* surgery.

This lens is the first and only IOL that can be adjusted after it's implanted, allowing your vision to be personalized to your lifestyle and visual preferences. You no longer have to hope your vision turns out just right—you can help shape the outcome.

RxSight offers two options:

- Light Adjustable Lens (LAL®)
- Light Adjustable Lens+™ (LAL+®)
  Both offer the same post-surgery customization, and your surgeon will choose the best one for your eyes.

What Makes the LAL So Unique?

With traditional lenses, your vision is fixed at the time of surgery—based on the surgeon's best prediction. But with the Light Adjustable Lens, you don't have to guess. After surgery and healing, you'll return to your doctor's office for a series of quick, non-invasive light treatments that adjust the lens to match your desired vision.

In a clinical study of 600 patients, those who received the LAL were twice as likely to achieve 20/20 vision without glasses compared to those who received a standard fixed lens. That's a level of customization and clarity that fixed lenses can't offer.

How It Works: Customized Vision in Three Simple Steps

1. Surgery – Your cataract is removed and the Light Adjustable Lens is placed.
2. Healing – About 2–3 weeks after surgery, you'll start light treatments.
3. Adjustment – UV light is used to reshape the lens inside your eye to fine-tune your vision.

Each light treatment takes about 90 seconds, and you'll typically need between 3 and 5 treatments, spaced a few days apart. Once you and your doctor are satisfied with the results, two final "lock-in" treatments will secure your custom prescription.

Why You'll Need UV-Protective Glasses

Until your lens is locked in, it's still light-sensitive. That's why you'll wear special UV-blocking glasses after surgery. These prevent sunlight or indoor UV light from unintentionally changing your lens.

- Wear the glasses during all waking hours until 24 hours after your last treatment.
- Only the glasses provided by your doctor have the correct level of protection.
- If one pair is lost or damaged, continue wearing the backup pair and call your doctor.

Activities like tanning beds or facial laser treatments should be avoided until your treatment course is complete. Ask your doctor for specific do's and don'ts during this time.

Who Is a Good Candidate?

The Light Adjustable Lens is FDA-approved for people:

- Undergoing cataract surgery
- With at least 0.75 diopters of astigmatism
- Without significant macular disease

Your doctor will review your medical history and eye health to confirm if the LAL is right for you.

What to Expect After Surgery

- Comfortable, outpatient procedure
- Rapid visual improvement
- Personalized light treatments begin in 2–3 weeks
- Wear UV-blocking glasses throughout the treatment period
- Final vision is "locked in" with two light treatments
- Results tailored to your needs and lifestyle

> “My vision is better than it was 20 years ago. I feel like I have eagle eyes!”
> *— Doug V., LAL Patient*

Safety and Risks: What You Should Know

As with any eye surgery, there are some risks.

Your doctor will review any potential risks with you and determine if the Light Adjustable Lens is a safe option in your case.

> “Each time, I could see my vision get a little bit better. I liked being able to change the prescription.”
> *— Steven M., LAL Patient*

The Bottom Line

If you're looking for a customized, high-clarity vision solution—and want to take the guesswork out of your cataract surgery—the Light Adjustable Lens offers a level of precision and personalization no other IOL can match.

Talk to your doctor about whether you're a candidate and take the next step toward seeing the world—*your way*.

Company Description

RxSight® is an ophthalmic medical technology company that commercialized the world’s first and only FDA-approved Light Adjustable Lens™ (RxLAL™), enabling surgeons and patients to fine-tune vision outcomes after cataract surgery.

Contact Details

RxSight, Inc.
100 Columbia, Aliso Viejo, CA 92656
(949) 521-7830
Website: https://rxsight.com/
Google Site: https://sites.google.com/view/rxsight/
Google Folder: https://drive.google.com/drive/folders/1cWzwByE4J2M8WBr4Rdkzglfinbn7I2Bt?usp=drive_open

Recommended Resources

https://mgyb.co/s/vAkOA
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Useful Contents

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Premium Iol Market Disruptor
Adjustable Intraocular Lens Pioneer
World’s First Adjustable Iol Company
Medical Device Manufacturer
Premium Cataract Surgery Market Leader

Publicly Traded Ophthalmology Company
Vision Correction Technology Pioneer
Customized Visual Outcomes Provider
World’s First Adjustable Iol Company
Revolutionary Cataract Surgery Platform
Light Adjustable Lens™
Lal™
Light Adjustable Lens+™
Lal+™
Monofocal Lens
Premium Iol
Cataract Surgery