



LIGHT ADJUSTABLE LENS TREATMENT INSTRUCTIONS SUPPLEMENT

- The RxSight Light Adjustable Lens (LAL) works like any other intraocular lens implant (IOL) placed during Custom Lens Replacement ... with one important exception: the LAL can be adjusted three months after your surgery to fine-tune your distance vision
- This is done with a single *light adjustment* treatment and two *light lock-in* treatments
- The typical postoperative process will proceed as follows:
 - day 1 follow-up, scheduled by our staff at time of surgery booking
 - week 1 follow-up, scheduled by our staff at time of surgery booking
 - month 1 follow-up, scheduled after week 1 by patient at brintonvision.com/postop
 - month 2 follow-up, scheduled after month 1 by patient at brintonvision.com/postop
 - month 3 *light adjustment*, scheduled by our staff at month 2 or when healing of eye prescription is stable
 - month 3.5, first *light lock-in*, scheduled by our staff after light adjustment
 - month 4, second *light lock-in*, scheduled by our staff after first light lock-in
 - the process is now finished, and 24 hours after your second *light lock-in* you are no longer required to wear the *UV blocking glasses*
- The time periods above may be modified by our doctors based on your eye healing; they may also be tailored to fit your personal schedule
- On treatment day, we will give you an RxSight kit with three pairs of *UV blocking glasses*, all of which are equally effective at blocking UV light:
 - protective eyewear with tinted sunglasses lenses
 - protective eyewear with clear lenses
 - protective eyewear with clear lenses and a +2.00 add power for reading
- Original 2018 *UV blocking glasses* instructions, *pre-ActivShield*
- The company's 2018 instructions require LAL patients to wear the RxSight *UV blocking glasses* at all hours, both day and night, indoors and outdoors, rain or shine, except while sleeping, for four months (until 24 hours after your second *light lock-in*)
- Modified 2021 *UV blocking glasses* instructions, *post-ActivShield*
In 2021, RxSight added *ActivShield* to all LALs; *ActivShield* is an integrated UV-protective layer that works automatically to block ambient UV light while still allowing UV light to adjust the lens during post-surgery treatments; with *ActivShield* in place, modified instructions are to wear the *UV blocking glasses* when outdoors or around strong ambient UV light (e.g. tanning bed, intense sun exposure) for four months (until 24 hours after your second *light lock-in*)
- You will receive a pair of ordinary CLR protective sunglasses from Juniper Pharmacy. We will remove those from your kit on the day of treatment so that they are not confused with the official LAL *UV blocking glasses*.
- When you arrive for your *light adjustment* appointment, we will:
 - test your eyesight and discuss how you would like your distance vision fine-tuned
 - administer drops to dilate your pupils widely, which can take 60-90 minutes; please pass this time with your eyes closed; come prepared with a podcast, audio book, etc. if you would like to listen to something while you dilate
 - help you find a seated position in our diagnostic suite where you can be comfortable for the three-minute light treatment
- The *light adjustment* changes the LAL's curvature, and consequently, its prescription power
- The *light lock-in* sets the LAL power so it can no longer be altered by bright outdoor UV light

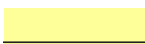
By initialing here, I acknowledge I have read, understand, and agree with the information on this page:

How does LAL work? The LAL is made of a special photosensitive material that can be altered by exposing it to specific wavelengths of UV light.

Can I wear my own sunglasses? We recommend wearing the official LAL sunglasses, however wearing your own sunglasses would be better than going without sun protection. If you wear your own sunglasses, make sure they have a good wraparound fit and are UV400 certified (100% UV blocking). You can find several inexpensive wraparound varieties of UV400 glasses on Amazon.com.

What should I expect after each light treatment? Your vision may be blurry after each treatment due to a gel used during the light adjustment. This should resolve quickly. Your eye will be dilated for the treatment, so some measure of light sensitivity is normal. The light from the LDD may also cause a pink or red afterimage. This tinge to your vision is most noticeable on things that normally look white. This typically resolves before your next light treatment.

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INFORMED CONSENT FORM ADDENDUM FOR CUSTOM LENS REPLACEMENT WITH LIGHT ADJUSTABLE LENS

ITEMS SPECIFIC TO THE LIGHT ADJUSTABLE LENS

The Light Adjustable Lens (LAL) reduces the need for glasses or contact lenses by being able to change its focusing power after it is implanted in the eye. This is accomplished by specific patterns of ultraviolet (UV) light produced by the Light Delivery Device (LDD), an instrument used by our Brinton Vision doctors typically starting at three months after CLR surgery. Once your LAL has been adjusted to its desired power, the same LDD is used at the next visit to *lock in* the LAL and make the prescription permanent.

From immediately after surgery until 24 hours after the completion of the lock-in treatment, you will need to protect the LAL from UV light in the environment by wearing protective eyewear. If you do not wear the required protective eyewear, the light treatments may not improve vision or may make your vision worse. If this happens, the LAL may have to be removed and replaced with a new lens to improve vision. If your medications change between surgery and the final *light lock-in*, let your doctor know promptly.

RISKS ASSOCIATED WITH LIGHT DELIVERY DEVICE (LDD) TREATMENTS

To perform the light treatments, your pupil needs to be large enough for the entire lens to be seen. In rare circumstances, if the pupil cannot be sufficiently enlarged, the lens may need to be replaced.

There is a risk of UV-induced damage to the eye, including the cornea and retina, which can lead to vision loss. UV light can cause a reactivation of previous herpes virus infection in the eye which can lead to scarring of the cornea, blurred vision, eye pain, extreme light sensitivity, loss of vision, and possible need for corneal transplant. It should be noted that the risk of herpes virus reactivation is not unique to UV light (whether from sunlight or the LDD). Herpes can reactivate with a fever, use of topical steroids, menstruation, and any ocular surgery.

LDD treatment can lead to a temporary or longer-term pink to red tinge (erythropsia) to the vision or a color vision deficiency.

Some medications and supplements can increase your eye's sensitivity to UV light: tetracycline, doxycycline, psoralens, amiodarone, phenothiazines, chloroquine, hydroxychloroquine, hydrochlorothiazide, hypercine, ketoprofen, piroxicam, lomefloxacin, and methoxyarene. LAL surgery or light adjustment may be contraindicated if you take one of these, or a similar medication.

A patient taking a systemic medication that is considered toxic to the retina such as tamoxifen (e.g., Nolvadex) may be at increased risk of retinal damage during LDD treatment.

Corneal dryness and corneal abrasions from the contact lens used during light treatments can occur.

If a light treatment is performed to correct astigmatism, it is possible that vision may be affected if the lens rotates after light treatment, or if the light treatment is not performed correctly.

It is also possible that the desired results of the surgery and/or light treatment may not be obtained or may not last. Since it is impossible to identify every complication that may occur as a result of any surgery, there may be risks that have not been described here.

Patient name (please type or print): _____ Date: _____

Patient signature: _____ Physician signature: _____

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— for office use only —

Before giving a sedative medication or walking the patient to the laser room,
I have individually verified that this consent form is complete and accurate.

medical technician

