

March 10th, 2020

Dear Colleagues,

Here at DLV Vision, we continue to strive to empower our team with the latest, cuttingedge technology. We are aware of the **Light Adjustable Lens** (LAL) that is currently in the market and we'd like to speak as to why we have decided not to adopt this technology.



The light adjustable lens has a multitude of limitations. First and foremost, the patient experience is of great importance. The process of light adjusting the LAL after surgery is a very time consuming and potentially frustrating experience for the patient. The patient must subsequently return for multiple refractions (estimated to be approximately 6) & multiple post-ops. This limitation can lead to a substantial amount of patient inconvenience and work for the providers (ODs and MDs) before locking the lens in place.

Next, patients are required to wear special sunglasses after the procedure; if the patient does not adhere to this protocol for any reason and walks outside (without wearing the special glasses), it can lock in the lens. Moreover, there is currently no multifocal or trifocal option with the light adjustable lens, which **Panoptix** provides. The lens material also lacks a depth of focus- unlike our monofocal lens **Softec HD.**

In addition, if a patient is in need of a refractive correction after their cataract surgery, they can come back for LASIK at 3 months, which is easier to facilitate rather than scheduling six follow-up visits for the light adjustable lens. Our research has shown that only 10-15% of patients have to undergo a LASIK enhancement. Another limitation of the lens is that it cannot provide more than two diopters of astigmatism, unlike the **Toric IOL** which can get up to four diopters of astigmatism.

Ultimately, although we're well aware of the technology internationally- we have chosen not to pursue and implement the LAL here at DLV due to the numerous limitations that exist with this lens. If you have any further questions, feel free to reach out to any of us. We are always striving to provide patients with the best option experience.

Best Regards,

Paul Dougherty M.D. Medical Director

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