



Light Adjustable Lens in Siouxland: Customizable Cataract Surgery

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Vance Thompson Vision, an ophthalmology practice located in South Sioux City, Nebraska, is offering expanded patient education about the Light Adjustable Lens, a cataract surgery option that allows vision to be fine-tuned after the procedure has been performed. The technology, manufactured by RxSight and approved by the U.S. Food and Drug Administration in 2017, gives cataract surgery candidates in the Siouxland tri-state region access to an intraocular lens that can be modified using ultraviolet light treatments in the weeks following surgery. The current educational focus addresses patient interest in postoperative vision customization at the South Sioux City practice.

Cataract surgery involves removing the eye's clouded natural lens and replacing it with an artificial intraocular lens, also called an IOL. With conventional intraocular lenses, the prescription power is calculated before surgery using preoperative measurements and biometric data, and the prescription cannot be modified once the lens is implanted. The Light Adjustable Lens is constructed from a photosensitive silicone material that reacts to specific wavelengths of ultraviolet light. After cataract surgery is performed at Vance Thompson Vision in South Sioux City, patients return to the practice for a series of in-office light treatments using the RxSight Light Delivery Device. Each treatment changes the lens curvature within the eye, allowing the

surgeon to refine sphere, cylinder, and other aspects of the prescription based on how the patient is actually seeing in real-world conditions. More information about cataract surgery at the practice is available on the Vance Thompson Vision website.

The adjustment protocol generally involves a series of in-office adjustment and lock-in treatments over several weeks, followed by two lock-in sessions that finalize the lens shape so it no longer responds to ultraviolet light. Between treatments, cataract surgery patients in Sioux City, Iowa; Vermillion, South Dakota; Le Mars, Iowa; and Wayne, Nebraska, wear... UV-protective glasses provided by the practice to prevent unintended changes to the lens from incidental sun exposure. The Light Adjustable Lens received FDA approval in 2017 based on clinical data submitted by RxSight and is an FDA-approved intraocular lens designed for postoperative customization through ultraviolet light treatment. The technology has been adopted by ophthalmology practices across the United States as a cataract surgery option for patients who want to be involved in the refinement of their own vision after the natural lens has been removed.

"What makes the Light Adjustable Lens different from every other cataract lens we have used is that the final prescription is determined after surgery rather than before," said Dr. Spenser Morton, MD, Board-Certified Ophthalmologist at Vance Thompson Vision in South Sioux City. "For cataract patients who have had previous LASIK or PRK, who have astigmatism, or who simply want to evaluate their vision before locking it in, the LAL gives them a level of involvement in their own visual result that traditional intraocular lenses do not offer. Patient education matters because cataract surgery is one of the most common procedures performed in the United States, and the choice of intraocular lens has implications for how a patient sees for many years."

Vance Thompson Vision is located at 201 E 4th St Suite 201, South Sioux City, Nebraska 68776, and provides cataract surgery and Light Adjustable Lens consultations to patients across South Sioux City, Sioux City, Vermillion, Le Mars, and Wayne. The South Sioux City office sits within the broader Siouxland metropolitan area, which spans communities in Nebraska, Iowa, and South Dakota along the Missouri River. Patients researching the Light Adjustable Lens can find practice information, surgeon credentials, and consultation details on the Vance Thompson Vision South Sioux City location page. The phone number for the South Sioux City office is (531) 625-3941.

Dr. Morton completed his ophthalmology residency at the University of Iowa and joined Vance Thompson Vision in 2021. The Vance Thompson Vision network has performed more than 80,000 procedures across its locations and brings nearly 100 years of combined surgical experience to patients in the upper Midwest region. The Light Adjustable Lens represents one of several intraocular lens options available to cataract surgery patients at Vance Thompson Vision in South Sioux City, with lens selection determined by individual

ocular anatomy, refractive history, and visual priorities. Vance Thompson Vision continues to provide cataract surgery and Light Adjustable Lens consultations to patients throughout the Siouxland tri-state region, with additional patient education materials scheduled for release in the months ahead.

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For more information about Vance Thompson Vision - South Sioux City, contact the company here: Vance Thompson Vision - South Sioux City Vance Thompson Vision (531) 625-3941 info@vancethompsonvision.com 201 E 4th St Suite 201, South Sioux City, NE 68776

Vance Thompson Vision - South Sioux City

Vance Thompson Vision are world leaders in quality vision correction and patient care in ophthalmology. We specialize in vision surgery and treatment with a specific focus on LASIK, refractive cataract surgery, glaucoma, cornea care, and oculoplastics.

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