

Vance Thompson Vision
3101 W 57th St.
Sioux Falls, SD 57108



New & Noteworthy



2022 CE Event Schedule

South Sioux City Evening CE Event
TUESDAY, AUGUST 23

FALL SYMPOSIA
Fargo Symposium
SATURDAY, SEPTEMBER 10

Montana Symposium
FRIDAY, SEPTEMBER 16

Omaha Symposium
FRIDAY, NOVEMBER 4

Watch for invitations to these and other events throughout the year.



Technology Highlight

LAL Active Shield

The Light Adjustable Lens (LAL) has undergone an important update and may look different in the patient's eye. As the world's first adjustable implant and approved in 2017, our surgeons have been implanting the LAL for many years. While it has performed well, the company has taken steps to improve the stability and usability of the implant.

Made of photosensitive silicone macromers, the implant's spherical and cylindrical powers can be adjusted to correct up to 6 diopters of residual refractive error over the course of multiple adjustments and lock-in treatments. The newest generation of the implant, with ActiveShield technology, helps prevent unintended shape change to the lens.



The ActivShield is a yellow-tinted chromophore film on the implant that blocks unintended migration of the silicone macromers from stray UV light. The Light Delivery Device is able to neutralize this film and expose the silicone macromers to the specific UV light pattern that will result in shape adjustment necessary for the correction of residual refractive error. While anecdotal evidence suggests this may be protective enough to obviate the need for UV protective glasses while indoors, many surgeons still have patients wear them for an added layer of protection before the lock in has been completed.

The LAL with ActivShield technology is great for patient with a history of corneal refractive surgery like LASIK, PRK, and even RK. Another group of patients for whom the LAL really performs well is patients who have had success with monovision in the past, as the adjustability...

CLINIC NEWSLETTER



Alexandria Symposium Recap

It was a beautiful day at the lake for the island-inspired Survivor: Alexandria Vision Foundation Symposium!

The day was filled with fellowship, education and fun. Doctors of Vance Thompson Vision presented on topics including glaucoma, oculoplastics, cornea, and more. We closed

with an uplifting message from Holly Hoffman, contestant on Season 21 of the CBS show Survivor. Holly's message "Never Give Up: The Survivor Way" was full of energy with an inspiring reminder for us all to take chances, embrace change and thrive, not just survive.



Summer 2022



Did You Know?

Patient education is so important and the education process regarding patient symptoms and treatment options begins with their eye care provider. Vance Thompson Vision partners in these efforts to educate patients so they can make an informed surgical decision and one of the ways we are doing this is by sending videos to prepare your patients for their journey before and after surgery.

Get a preview of these videos by texting **Vance Thompson Vision** or **LASIK** to **83300**.

Technology Highlight LAL Active Shield (continued)

allows us to fine-tune the near point to just the right reading distance while balancing the anisometropia to patient tolerance. Patients who may not be a candidate are those with pupils that do not dilate to the necessary 7mm for adequate UV light treatments, and those on photosensitizing medication such as doxycycline or hydroxychloroquine. Patients who fall into the latter category can still be candidates, but would need to discuss with their PCP or prescriber about stopping the medication prior to light treatments.

Because of the new ActiveShield chromophore, you may notice that the lens has a yellow coloration to it.



Research - Now Enrolling

BVI FINEVISION Trifocal IOL (SF, BZN, Fargo)

Evaluate the safety and effectiveness of the FINEVISION HP Trifocal IOL vs monofocal IOL 2:1 randomization

Subjects with less than 0.75D astigmatism and require cataract surgery in both eyes.

7 visits over 1 year; Patient is compensated \$550

Visus VT-003 (SF, Fargo)

Presbyopia Drop Study - can be phakic or pseudophakic.

Evaluate the safety and efficacy of Brimochol PF (Brimonidine 0.1%/Carbachol 2.75%) vs. Carbachol PF 2.75% vs. Vehicle

Subjects aged 45-80, little to no correction for BCDVA (max of +/- 0.5 D MRSE and up to 0.5 D cylinder).

Maximum of 7 visits over 12 months; Patient is compensated up to \$1680.

RxSight 029 (SF, BZN, Omaha)

Post-market approval Light Adjustable Lens study

Subjects 40-80 years old with ≥ 0.75 D to ≤ 2.00 D of astigmatism in study eye undergoing cataract surgery

6-11 visits over 6 months; Patient is compensated \$450



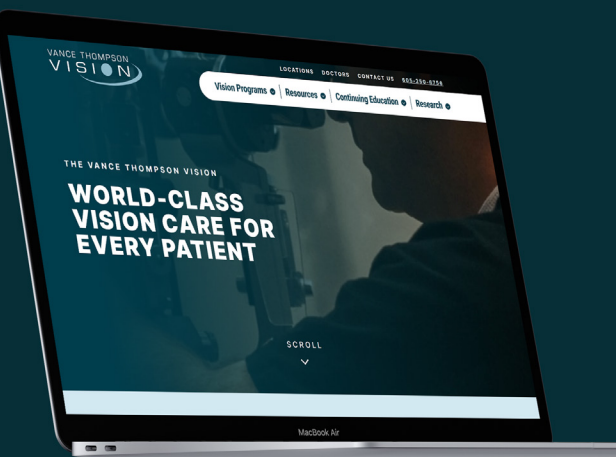
A Note of Thanks - Why Research Matters

Eleven years ago, Vance Thompson Vision began taking part in the FDA-monitored clinical trial for the Light Adjustable Lens (LAL) and helped introduce this adaptable ActivShield technology to the world. Thanks to the involvement of the optometric community in our research endeavors, strides are being made to advance vision care for all people to see clearly. We know that research studies require extra appointments with patients and additional time, and we appreciate all of the efforts made to bring new and emerging options to the world. Thank you!



New & Improved Doctor Portal

The same great information, now with a new and improved look! We took your input and created a more user friendly web experience. Use the drop down menus to learn more about our vision programs, find resources from forms to billing to handouts, read articles from our doctors, check the list of current research studies, learn about our continuing education opportunities, and view recordings from past events.. What are you waiting for? Check it out today! vancethompsonvision.com/od



Doctor Spotlight: Cullen Ryburn, MD

Vance Thompson Vision · Billings, MT

Dr. Cullen Ryburn joined our Billings team this May as a corneal, cataract, and refractive surgeon.

He is a board-certified surgeon and member of the American Academy of Ophthalmology and the American Society of Cataract and Refractive surgeons. But to many, Dr. Ryburn is known for his appreciation of nature and love for the outdoors.

Dr. Ryburn's educational pursuits and fascination with national parks (Glacier is his favorite) mark him as an experienced traveler of the United States. He graduated with his medical degree from Texas Tech University El Paso and then interned at Virginia Mason Hospital in Seattle, WA. From there, he completed his residency at the University of Colorado and his fellowship at the Bascom Palmer Eye Institute in Miami, FL. This February, he even crested Mount Kilimanjaro in Tanzania, which made for both a literal and figurative mountaintop experience.

From 2020 to 2022, Dr. Ryburn treated patients in Fort Collins, CO. At this practice, he was known for his compassion and dedication to building long-lasting relationships and providing patients with top-tier care.

As he works alongside Dr. Swan, Dr. Ryburn will contribute his expertise in the areas of corneal diseases, laser vision correction, cataract surgery, and complex anterior segment surgeries.

When Cullen isn't at the clinic, he's packing up his camera to capture picturesque views of nature – Billings is ideal for that! He's also up for any activity involving the outdoors: kayaking, snowboarding, backpacking, and fishing – just to name a few.



The most important thing is that the patient believes and trusts that we will always do the right thing for them as we work together on their surgical vision journey.