



Wang Vision Institute leads the way in Tennessee and beyond.

### Wang Vision Institute Is on the Leading Edge

First in Tennessee to perform 3D Laser SMILE® and 3D Soft-Touch LASIK

The world's first 3D LASIK and Tennessee's first bladeless, all-laser LASIK

Tennessee's first 3D implantable contact lens (ICL) and 3D Visian® Toric ICL

First in Tennessee to perform 3D FOREVER YOUNG™ Lens surgery for presbyopia

Tennessee's first eye center to perform 3D laser cataract surgery

Performed the world's first laser-assisted artificial cornea implantation

More than 55,000 LASIK and cataract procedures performed (including 4,000 physician patients)

Treated patients from 40 states and 55 countries

International referral center for cataract surgery and LASIK complications

### Laser Cataract Surgery (65+) and FOREVER YOUNG™ Lens Surgery (45–65)

According to Dr. Frenkel, “As people age, many are bothered by cataracts—a clouding of the lens that results in symptoms including blurred vision, glare from lights, trouble seeing in dim light, and poor contrast. Cataracts can make it more difficult to drive safely, participate in hobbies, perform household activities, and live independently.” The development of cataracts, he adds, is a normal part of the aging process.

The only effective treatment for cataracts, the leading cause of blindness in the world, is removal. “The best-case scenario,” Dr. Frenkel says, “is for a patient to have FOREVER YOUNG™ Lens surgery [sometimes called refractive lens exchange] before cataracts develop. The ideal candidate for this surgery is someone who wants freedom from glasses and is in their 40s or 50s but doesn't yet have cataracts. Such patients are also ensuring they will never develop cataracts, as we are removing the lens and replacing it with an artificial lens. In essence, their eyes are ‘forever young.’”

Traditionally, only monofocal lenses—which correct focus at one distance—are used. These do not even correct astigmatism. (Insurance typically only covers monofocal lenses.) However, the use of FOREVER YOUNG™ lenses is growing in popularity. “It's a new generation of lenses that gives patients a wider range of vision and reduces their dependence on glasses for both distance and reading, correcting vision in a more personalized way than ever before,” Dr. Frenkel explains. “We can also correct astigmatism with some of these lenses.”

A recently FDA-approved trifocal lens is an advancement even to the FOREVER YOUNG™ lenses. “It's a huge, life-changing breakthrough,” says Dr. Frenkel. “For the first time, patients are experiencing high-quality distance, intermediate, and near vision, without having to sacrifice one as in the past.”

### Bladeless Soft-Touch LASIK and 3D SMILE® Vision Surgery (18–45+)

SMILE® (Small Incision Lenticule Extraction) surgery is another cutting-edge procedure only available in Tennessee through WVI. Particularly effective in patients who are nearsighted or who have astigmatism, SMILE® surgery offers patients minimally invasive vision correction. “This surgery involves the removal of a small piece of tissue



Dr. Joshua Frenkel

from the eye by way of two minuscule laser incisions beneath the cornea; the cornea itself isn't cut in the traditional way it is in LASIK—there is no flap made,” explains Dr. Frenkel. “SMILE® surgery involves a lot of laser preplanning and mapping, but afterward, patients will no longer need glasses or contacts. Because there is no flap, there are no flap-related complications after, and there is less dry eye.”

WVI is the only practice in Tennessee performing Soft-Touch LASIK, which uses the VisuMax laser. This laser applies approximately one-third of the pressure on the eye during surgery as compared to traditional LASIK, resulting in a more comfortable, patient-centric experience. Patients also notice significantly less redness after the surgery. All of the practice's laser eye surgeries are now performed with bladeless lasers. Dr. Frenkel explains that with bladeless laser surgery, there are fewer intra-operative complications, recovery is easier and faster, and surgery is suitable for patients who may not have previously been good candidates.

“Using technological capabilities that are safe, precise, and that weren't available just a handful of years ago, we're able to make a most rewarding difference in a patient's life,” Dr. Frenkel adds. “Helping people to see clearly—seeing the joy on my patients' faces—it's more than I could have ever dreamed.”

## World-Class Vision Institute, World-Class Patient Care

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he team at Nashville's Wang Vision Institute (WVI)—its administrators, technicians, optometrists, and surgeons—have cultivated a family atmosphere, one in which everyone looks out for one another. It's a culture that carries over into patient care as well. “We are dedicated to our patients and committed to delivering the best possible experience,” says Dr. Joshua Frenkel, one of WVI's most experienced ophthalmologists.

Dr. Frenkel, a graduate of Tulane University Medical School, is an

anterior segment specialist, focusing on glaucoma, cataract, refractive, and dry eye. In addition, Dr. Frenkel's fellowship offered unique experience in microinvasive glaucoma surgery (MIGS). The family environment of WVI, he says, is one reason he joined the practice, a cutting-edge vision institute founded by the world-renowned Dr. Ming Wang in 2002. “The eye is a fascinating organ, and being able to quickly correct a person's vision—to make such a profound impact on someone's life—well, it's incredibly cool,” Dr. Frenkel notes. “At

WVI, we go out of our way to ensure the best possible care and experience for every patient.”

WVI's patients span a range of ages, from late teens through centenarians. While Dr. Frenkel credits the team's experience and historic list of “firsts” as significant drivers of WVI's success and longevity, their unwavering commitment to putting patients first is the most important factor. He also notes that the tremendous advances in technology in recent years play a significant role.

“One notable advancement is in lenses,” he remarks. “Meanwhile, the quality of the lasers we use to perform cataract surgery, Soft-Touch LASIK, and SMILE® procedures allows us to offer procedures that are less invasive, even safer, and that have fewer side effects than ever before.”

**WANG VISION INSTITUTE**

1801 West End Avenue, Suite 1150  
Nashville, TN 37203  
615-321-8881  
wangvisioninstitute.com