

Personalized Approach to Better Vision

BY JACQUELINE D. GRIFFITHS M.D.

Until now, your vision treatment was probably based on diagnostic technology similar to that used for the prescription of eyeglasses or contact lenses. However, with the addition of the WavePrint™ system by VISX, we can produce a precise and more detailed analysis of your vision and provide you with a more personalized approach to laser vision correction.

CustomVue™, also known as wave-scan technology, is the new standard in laser vision correction providing you with your personal best vision.

Wavescan technology was originally developed for use in high-powered telescopes to reduce distortions when viewing distant objects in space. This technology has now been applied to laser vision correction. Wavescan technology captures the unique imperfections in each individual's vision providing 25 times more precise standard measurements than used for glasses or contacts.

The WavePrint™ system allows for a more personalized vision correction. It gives the doctor

treatment options that are truly personalized to your unique vision. The system includes the WavePrint map, which reveals the way your entire optical system processes light providing a new level of diagnostic information previously unavailable. It has become the gold standard in vision measurement.

VISX has the broadest range of FDA approvals. More than 94% of the U.S. vision correction population (21 years of age and older) are potentially eligible for CustomVue™ treatment. We can now treat hyperopia, myopia and astigmatism, including mixed astigmatism with CustomVue™ procedures.

There are two parts to the VISX WavePrint™ system. First, it includes a diagnostic device that maps the entire optical path of your eye. This WavePrint™ map, called the "fingerprint of your vision," provides the doctor with precise and detailed information about your vision.

Secondly, the WavePrint™ system incorporates the STAR S4 laser from VISX, which has two exclusive features: variable spot scanning and 3D ActiveTrak technology.

- Variable Spot Scanning (VSS™) allows for a larger treatment area, up to 7mm pupil size, allowing the physician the ability to treat more patients, especially when pupil size is a consideration. Variable beam sizes from as small as 0.65 mm up to 6.5 mm are scanned over the treatment area, conserving tissue and optimizing treatment times.
- 3D ActiveTrak automatically

and instantaneously tracks the minute movement of your eye in all three dimensions during the laser treatment. This unique feature means you no longer have to hold your eye perfectly still because the treatment is precisely centered on your eye.

CustomVue™ also allows you to "test drive" your potential new vision with a trial lens. Once your WavePrint™ map measurement is taken, the doctor can produce a trial lens under the laser. Your unique correction will be placed on the lens. Then the lens will be fitted in a trial frame for your viewing. Your doctor can help you decide if this tool is beneficial to you during the initial consultation.



Jacqueline D. Griffiths M.D. earned her undergraduate degree at Yale and her medical degree from the University of Michigan. Her Ophthalmology

residency was completed at Georgetown University Medical Center.

Dr. Griffiths has been in private practice since 1994. She started her own practice and laser center, NewView Laser Eye™ in 1999 where she serves as the Medical Director. NewView's Mission is to provide Excellence in Ophthalmologic services by giving personalized attention to every patient.

Dr. Griffiths is Board Certified and began performing laser vision correction practically from its

inception in this country. She has performed thousands of cases and participated with the CRS-USA LASIK trials to get the LASIK procedure approved by the FDA.

In addition to offering CustomVue LASIK and EpiLase, NewView offers CKsm, no-stitch cataract surgery with premium implant technology, annual eye exams, contact lenses, glaucoma and diabetic screening exams, and cosmetic services including Botox, Restylane, Radiesse, Juvederm, Latisse, and eyelid surgery. NewView Optical offers affordable high quality frames and lenses for the entire family (ages 5 and older).

Dr. Griffiths served as Chief of Ophthalmology for the Reston Ambulatory Surgical Center in Reston, VA. as well as Loudoun Hospital in Leesburg, VA. She is a Diplomate of the American Board of Ophthalmology, a Fellow of the American Academy of Ophthalmology, a member of the American Society of Cataract and Refractive Surgery, the Washington National Eye Center and other professional organizations.

FREQUENTLY ASKED QUESTIONS AND ANSWERS

Does the WaveScan hurt?

No, the WaveScan is a measurement device that you simply gaze into while it measures the vision imperfections in your eye.

What do you mean by Personal Best Vision?

Personal Best Vision refers to the new level of laser vision correction that can be achieved with the CustomVue™ procedure. Since WaveScan technology can measure and correct imperfections that are unique to each individual's vision with 25 times more precision than standard measurements for glasses and contact lenses, individuals can potentially achieve the best possible vision for their eyes.

What does better than 20/20 mean?

20/20 is the current standard excellence in vision. But, as shown in a clinical study, individuals with the CustomVue™ procedure have the potential to see even better than 20/20. In fact, one year after the CustomVue™ procedure nearly 70 percent of clinical study participants saw 20/16 or better.

Can the CustomVue™ procedure improve my night vision?

Yes, in the FDA clinical study, four times as many people were very satisfied with their vision at night with the procedure as compared to their night vision before the procedure with glasses and contact lenses.



See Better, Live Better

Our mission is to provide **Excellence** in ophthalmology services by providing **Personalized** care for every patient!



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- Near Vision CK
- Advanced Cataract Surgery
- Multifocal Implants
- Annual Eye Exams
- Contact Lens Exams
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- Latisse

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