

LASIK

October 19, 2004

Emory Laser Vision first in Georgia to offer laser vision correction with PerfectPulse Technology

Internationally Best Selling Laser System Finally Available in the United States

A new custom refractive laser, shown to improve quality of vision with regard to daytime and night driving glare, is available for the first time in Georgia, at Emory Laser Vision. The European-designed ALLEGRETTO WAVE excimer laser system with PerfectPulse Technology was the first new platform to be approved by the Food and Drug Administration (FDA) in five years. It is also the only laser system that has received concurrent approvals for nearsightedness and farsightedness with astigmatism and clearance for the widest treatment range ever initially granted to a new laser.

The number one selling refractive laser outside the United States for the last two years, the ALLEGRETTO WAVE, built by WaveLight Laser Technologie of Erlangen, Germany, is the world's only system to incorporate wavefront principles into its standard platform.

"At Emory Laser Vision, advanced technology is a hallmark of our service. Our investment in this technology underscores our commitment to provide our patients with the highest quality treatment possible," said Doyle Stulting M.D. Ph.D., medical director at Emory Laser Vision. "We are delighted to be the first clinic to introduce the world-leading ALLEGRETTO WAVE to Georgia residents. We chose to invest in the ALLEGRETTO WAVE with PerfectPulse Technology because it offers superior clinical results with greater speed, precision and safety than we have seen before. With the ALLEGRETTO WAVE, we can bring a customized treatment to more patients than ever before."

Because it is the fastest laser available in the United States today, the ALLEGRETTO WAVE delivers short and comfortable treatments, usually in less than 15 seconds. Its PerfectPulse Technology helps to minimize post-operative glare issues by incorporating wavefront principles directly into the laser treatment.

WaveLight's proprietary PerfectPulse Technology allows the ALLEGRETTO WAVE to precisely control every laser pulse to ensure accurate delivery of a small laser spot at high speed (just four seconds per diopter) to the desired location of the cornea. Designed to work with the laser's sophisticated eye tracker, PerfectPulse Technology calculates and adjusts for the delivery of each laser pulse, according to the eye's rapid movement, without the need for dilation or marking.

In addition, PerfectPulse Technology considers the natural, curved shape of the cornea, automatically delivering pulsations according to each eye's individual refractive error and

corneal curvature. This provides large, effective optical zones that contribute to high quality vision, especially at night when the pupil enlarges.

Emory Laser Vision, located in Atlanta, is the first refractive center in the Southeast to feature this groundbreaking new technology.

"I contemplated laser vision correction for several years" said Don Crocker, an Emory Laser Vision patient. "I had better vision after LASIK than I ever had from any glasses or contact lenses. Everything is crisp and clear to me now - it's like I have a new set of eyes!"

About Emory Laser Vision

Emory Laser Vision is a part of the Emory Eye Center Emory Eye Center, ranked as one of the top 15 in the U.S. News & World Report's annual survey of the nation's best eye centers. Located at The Emory Clinic Perimeter, Emory Laser Vision combines the academic prowess of internationally renowned physicians with a state-of-the-art refractive surgery center.

[For more information on Emory Vision](#)