

Press release

First OLCR Biometer Receives FDA Clearance

Haag-Streit LENSTAR LS 900® to be introduced to the U.S. market at American Academy of Ophthalmology Annual Meeting



Mason, OH (October 23, 2009) — [Haag-Streit USA](#) announced today it has received FDA clearance for the LENSTAR LS 900®, the first optical biometer to utilize optical low-coherence reflectometry (OLCR). This new method of biometry overcomes the limitations of both ultrasound and optical biometry by incorporating nine measurements in a single scan, improving accuracy and accelerating workflow.

The nine measurements include: pachymetry, keratometry, anterior chamber depth, lens thickness, axial length, white-to-white distance, pupillometry, eccentricity of the visual axis and retinal thickness.

"Patient satisfaction after cataract surgery depends on accurate diagnosis, clear communication and precise preoperative measurements," said Mark Packer, MD. "With the development and clearance of LENSTAR, Haag-Streit has demonstrated its commitment to advancing the art and science of ophthalmology. Surgeons and patients will benefit from LENSTAR's outstanding ease of use, full complement of measurements and unsurpassed accuracy."

"LENSTAR is a remarkably easy to use all-in-one IOL power calculation tool that delivers highly accurate axial length, anterior chamber depth and lens thickness by optical coherence biometry," said Warren E. Hill, MD. "Its small zone autokeratometry feature is highly reproducible. LENSTAR is an excellent choice for surgeons migrating towards presbyopia correcting and other premium channel IOLs where accurate outcomes are a must."

"I have used the LENSTAR for IOL power calculation on hundreds of cases. Axial length measurements and K readings are extremely precise and LENSTAR is the only optical biometer that measures the lens

thickness, a required measurement for the more accurate fourth generation IOL power formulas," said H. John Shammas, MD.

With its external PC, LENSTAR enables data communication with EMR and Networks. This feature also allows auto-population of data fields such as Holladay II, eliminating the risk of transcription errors.

Practice efficiency is improved since patients don't have to be repositioned or moved to obtain multiple measurements. "In about 30 seconds, examiners can obtain a comprehensive assessment of the patient's eye in a single scan," said Bill Menke, Business Unit Manager at Haag-Streit USA.

About Haag-Streit

Headquartered in Bern, Switzerland, with its U.S. headquarters in Mason, Ohio, Haag-Streit manufactures optical instruments for ophthalmologists and optometrists. The company has a 150-year history, and for more than a half a century, the Haag-Streit slit lamp has been regarded as the standard instrument for ophthalmic diagnosis. For more information, visit www.haag-streit-usa.com.