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FOR IMMEDIATE RELEASE

First Laser Cataract Surgeries Using New Commercial LensAR Laser System™ Performed in U.S.

Premier Cataract Surgeons on East and West Coasts Successfully Conduct Procedures Using Laser Refractive Cataract Platform

Orlando, FL, September 20, 2012 – LensAR Inc., developer of the LensAR Laser System™ for cataract surgery, announced today that the first laser cataract surgeries using the company's recently FDA-cleared commercial laser system were successfully completed by cataract surgeons in Florida and California. Two of the country's leading cataract surgeons, David W. Shoemaker, M.D. of Sarasota, FL, and Kerry K. Assil, M.D. of Beverly Hills, CA, used the LensAR Laser System to perform procedures to remove patients' cataracts and implant vision correcting intraocular lenses (IOLs). Patients achieved excellent outcomes while experiencing no complications or safety issues. The ease, convenience and speed of these procedures highlighted the significant precision and safety benefits associated with the LensAR Laser System as compared to traditional methods for performing cataract surgery.

The LensAR Laser System represents the latest scientific breakthrough in cataract surgery, combining the most advanced laser technology with unique product features specifically intended to meet the advancing needs of refractive cataract surgeons and their patients. The system allows surgeons to make precise treatment choices guided by a sophisticated imaging and measurement technology. As a result, surgeons are intelligently supported in the removal of all cataract grades, regardless of difficulty, with unparalleled precision and efficiency.

Dr. Shoemaker, M.D., founder and director of cataract and laser vision services at Center For Sight in Sarasota, FL, performed LensAR assisted cataract surgery on a 69 year old patient with a dense nuclear cataract. The patient was excited to be among the first in the country to be treated with the new LensAR laser stating, "It was painless, quick and I now see better without glasses than I did with glasses before the surgery."



The procedure was successfully completed in less than three minutes. Dr. Shoemaker explained that the laser executes some key maneuvers required of cataract surgery with great precision and accuracy that cannot be matched by manual techniques. “I believe one day, in the not too distant future, all cataract surgery will be performed this way,” said Dr. Shoemaker. “While cataract surgery is already among the safest of surgical procedures, it is my expectation that the genius of the LensAR laser system will make it even safer.”

Dr. Assil of the Assil Eye Institute in Beverly Hills, CA, performed a laser cataract procedure on a 78 year old female patient with a dense nuclear cataract that had caused impaired vision for several years. The complex procedure was successfully completed in mere minutes without any issues or complications. As a result of the surgery, the patient’s vision has been restored and recovery time was completed in a few days. Dr. Assil is one of the world’s foremost experts in eye surgery and has trained more than 10,000 ophthalmologists from around the world in the latest refractive and ocular surgical techniques. The Assil Eye Institute is the official Lasik and Cataract Center of the Los Angeles Lakers and Los Angeles Kings.

“I have been exploring the potential use of lasers for cataract surgery for more than 20 years and it wasn’t until I was introduced to the LensAR Laser System that I found a platform that was able to reliably improve the precision and safety of cataract surgery,” stated Dr. Assil. “While I’m very impressed with all of the advantages offered by the system during the actual procedure, one of the biggest benefits is associated with the rapid recovery time for patients following the surgery. Whereas with other procedures we would have to wait up to two weeks for healing before attempting surgery on a patient’s other eye, with the LensAR Laser System healing occurs quickly and we can be back in surgery on the second eye much earlier. This is a tremendous benefit to the patient.”

The LensAR Laser System incorporates proprietary high-resolution 3D-imaging measurement, as well as beam guided delivery, that is designed to image and analyze each patient’s eye anatomy regardless of cataract grade. Unlike traditional imaging systems, LensAR’s 3D technology provides clean, low noise images that are both high contrast and high-resolution from the anterior surface of the cornea to the posterior capsule. Also unique to the LensAR Laser System is the ability to correct for lens tilt or centration during treatment to address each patient’s individual anatomy. As a result, this precise technology allows for the creation of an exact capsulotomy incision size and perfect lens positioning for each individual patient. These capabilities lead to more consistent effective lens position and post-operative refractive outcomes.¹

Importantly, the system’s sophisticated phacofragmentation techniques allow for the easy removal of all grades of cataracts while leading to a significant reduction in, and in some cases the complete elimination of, the use of ultrasound energy. Furthermore, the entire procedure can take place in a single procedure room and the mobile LensAR Laser System is easily adaptable



to surgical facilities, allowing surgeons a never before available level of precision, comfort, and safety.

The LensAR Laser Systems used by Drs. Shoemaker and Assil are among the first sold by the company for use in the U.S. Importantly, these sales were made to medical practices with high surgical procedure volumes that are focused on custom vision correction in patients with presbyopia or astigmatism. The company continues to see high demand for the LensAR Laser System in markets around the world and expects to expand its footprint accordingly. In June, the company announced that it had received 510(k) clearance from the FDA for use of this next generation advanced platform in cataract surgery.

“The outcomes achieved by Drs. Shoemaker and Assil reinforce the critical competitive advantages that the LensAR Laser System possesses in the area of cataract surgery. Whether it is our proprietary 3D imaging system, the ability to perfectly size, shape and place the capsulorhexis to precisely position the IOL, or the dramatic reduction in required ultrasound energy, our platform offers cataract surgeons the absolute best technology and tools for successfully performing laser cataract surgery,” said Nick Curtis, LensAR’s Chief Executive Officer. “It is very gratifying to see that when cataract surgeons are given the opportunity to work with the LensAR Laser System and compare it to other platforms, they recognize the value of our system’s differentiating characteristics, particularly in context of how those advantages will benefit their patients.”

About LensAR, Inc.

LensAR, Inc. is a leader in the development and commercialization of a next generation laser and advanced 3D imaging technology for refractive cataract surgery. For more information please visit www.lensar.com

LensAR™ Laser System has been cleared by FDA for anterior capsulotomy and lens fragmentation. For other indications it is an investigational device limited by US law to investigational use only. The system has been used in more than 700 eyes outside the United States to date.

1. Edwards K, Hill W, Uy H & Schneider S “Improvement in the achievement of post-operative MRSE matches the theoretical model” Invest Ophthalmol Vis Sci 2012 53 6715

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