

Leica microsystems and TrueVision 3D Surgical Enter Agreement to Combine Computer Guidance with Ophthalmic Microscopes

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[TrueVision 3D Surgical](#), a world leader in neuro and ophthalmic 3D surgical visualization and guidance, and [Leica Microsystems](#), a world leader in microscopes and scientific instruments, announce a global agreement to integrate computer guidance technology for cataract and refractive surgery into ophthalmic microscopes.

The two companies, whose 2012 alliance resulted in the first 3D integrated microscope for neurosurgery, recently expanded their relationship to incorporate TrueVision's 3D intelligent visualization into Leica Microsystems' ophthalmic microscopes. Now, TrueVision and Leica Microsystems will further expand their relationship to add computer-guided microsurgery assistance capabilities to ophthalmic microscopes, including the extensively used Leica M822 and M844 models. The new platform, marketed and supported through Leica Microsystems' distribution channel, will be available in late 2014.

"Adding TrueVision's software guidance applications to our microscopy platform is the next logical step in the expansion of the collaboration between Leica Microsystems and TrueVision," said Heinrich Dreyer, Vice President Leica Microsystems, Medical Division. "Patients will benefit from the application for astigmatic correction during cataract surgery, as they have the potential to see better, but only undergo surgery once. The goal is for patients to experience an improvement of their eyesight and a resulting improvement in quality of life."

The collaboration of TrueVision and Leica Microsystems began in 2012 with a focus on neurosurgery. "This expanded collaboration provides templates inside the oculars during cataract surgery," says Forrest Fleming, CEO of TrueVision 3D Surgical. "The surgeon can use this best-in-class combination based on an individual's unique surgical plan to achieve targeted outcomes for astigmatic correction."

James Katz, MD of the [Midwest Center for Sight](#) says, "I have used Leica Microscopes and TrueVision guidance for over a year with great satisfaction. The elegant and efficient integration of these two components will only improve their outstanding utility. This combination is truly beneficial to my practice and my patients."

To learn more about the collaboration or see a demo of the computer-guided technology during cataract surgery, visit Leica Microsystems' booth (#1833) at the 2014 [American Society of Cataract and Refractive Surgery/ASOA Symposium & Congress \(ASCRS/ASOA\)](#) in Boston, MA, USA, April 25-29.

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Leica Microsystems is a world leader in microscopes and scientific instruments. Founded as a family business in the nineteenth century, the company's history was marked by unparalleled innovation on its way to becoming a global



enterprise. Its historically close cooperation with the scientific community is the key to Leica Microsystems' tradition of innovation, which draws on users' ideas and creates solutions tailored to their requirements. At the global level, Leica Microsystems is organized in three divisions, all of which are among the leaders in their respective fields: the Life Science Division, Industry Division and Medical Division.

The company is represented in over 100 countries with six manufacturing facilities in five countries, sales and service organizations in 20 countries, and an international network of dealers. The company is headquartered in Wetzlar, Germany. <http://www.leica-microsystems.com>

TrueVision® 3D Surgical is a world leader in digital 3D visualization and guidance for microsurgery. Santa Barbara, California-based TrueVision® has developed and patented an intelligent, real-time, 3D surgical visualization and computer-guided software platform. The system enables surgeons to view and record surgery in 3D and to stream live video of the surgical field, making it an unparalleled teaching tool. The company is focused on developing a suite of 3D guidance applications for microsurgery to improve surgical efficiencies and patient outcomes. The system is in use at hundreds of leading hospitals and institutions around the world. <http://www.truevisionsys.com>

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