

Glaucoma Today eNews: *Leica Microsystems and TrueVision 3D Surgical Expand Relationship to Include Ophthalmic Microscopes*

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TrueVision 3D Surgical and Leica Microsystem's alliance last year resulted in the first surgical microscope integrated with TrueVision's three-dimensional (3D) intelligent visualization technology for neurosurgery. The companies have expanded their partnership to include 3D technology in Leica Microsystems' entire line of ophthalmic microscopes. The collaboration, which combines optical and digital microscopy in one platform, is designed to drive precise outcomes, enhance ergonomics for surgeons, and facilitate OR staff communication along with benefits for medical education.

"We are very pleased with this extended collaboration with Leica Microsystems and are encouraged by the notable benefits in the surgical ophthalmology industry," Forrest Fleming, CEO of TrueVision 3D Surgical, said in a news release. "The neurosurgery market has been very receptive to the integration of TrueVision's 3D intelligent visualization into Leica Microsystems' neurosurgical microscopes. Now ophthalmologists will also benefit from this technology."

"The expansion of our partnership continues to reinforce Leica Microsystems' commitment to patient care and surgical precision," Dr. Heinrich Dreyer, vice president of the company's Medical Division, said in a news release. "The partnership leverages Leica Microsystems' 'open-architecture' and world-class optical, ergonomic microscopes and TrueVision's cutting edge visualization platform and suite of software applications. This integration creates a seamless, upgradeable platform that will help surgeons gain a more realistic perception of anatomical structures as a result of the depth perceived in 3D."

"I now routinely use 'heads up' 3D surgery in all retinal and cataract cases and believe many surgeons will perform ophthalmic surgery this way within 5 years," Claus Eckardt, MD, director of Klinik für Augenheilkunde at Klinikum Frankfurt Höchst (Ophthalmological Center of Frankfurt Höchst Hospital) said in a news release. "The implication for digital imaging, beyond the obvious ergonomic benefit, is to improve visual outcomes for many ophthalmic surgical procedures including cataract, cornea, glaucoma, and retina."