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Leica ophthalmology microscopes with TrueVision 3D visualization now available globally

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As of now, Leica Microsystems, a world leader in microscopes and scientific instruments, and TrueVision 3D Surgical, a world leader in 3D surgical visualization, announce global availability of the Leica M844 and Leica M822 ophthalmology microscopes with TrueVision 3D visualization, recording, and editing technology.

TrueVision 3D technology, with its impressive depth expression, enhances medical education and facilitates operating room, (OR) communication as everybody can see on the screen what the surgeon sees through the eyepieces of the microscope. The TrueVision 3D visualization system for teaching simultaneously streams 3D and 2D video to the supplied monitor or external monitors in the OR or even across the globe. Recorded videos can then be easily edited to serve surgeons in teaching outside the OR.

Surgeons can select from an integrated or stand-alone version of the TrueVision 3D visualization system. The integrated system saves space in the OR and ensures cables are hidden, while the stand-alone version allows flexible positioning of a 3D cart in one or more ORs according to preferred setup and teaching requirements.

“The integration of TrueVision’s cutting-edge 3D visualization into Leica Microsystem’s world-class ophthalmology microscopes provides leading surgeons with an extremely effective way to share anterior and posterior surgical techniques with their colleagues and students,” says Hironobu Yamanaka, Director Ophthalmology at Leica Microsystems.

The modular design and the Open Architecture of Leica Microsystems’ surgical microscopes allow for easy upgrades and integration of digital imaging and data systems. In addition, TrueVision 3D technology is also upgradable for future surgical guidance applications.

Yamanaka explains, “Leica Microsystems is committed to delivering advanced technologies such as 3D that further support ophthalmic surgeons in their goal of achieving optimum patient outcomes.”

In 2013, TrueVision Systems and Leica Microsystems collaborated to launch the first neurosurgical microscopes with integrated TrueVision 3D technology, the Leica M720 OH5 and Leica M525 OH4, and announced the expansion of their cooperation into the ophthalmology arena in April 2014.

Additional information on the range of ophthalmic surgical microscopes: http://www.leica-microsystems.com/products/surgical-microscopes/ophthalmology/

TrueVision 3D • SURGICAL

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Press release on the expansion of the cooperation between Leica Microsystems and TrueVision: http://www.leica-microsystems.com/news-media/news/news-details/article/leica-microsystems-and-truevision-3d-surgical-expand-relationship-to-include-ophthalmic-microscopes/