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U of C Medicine debuts 3D eye surgery technology



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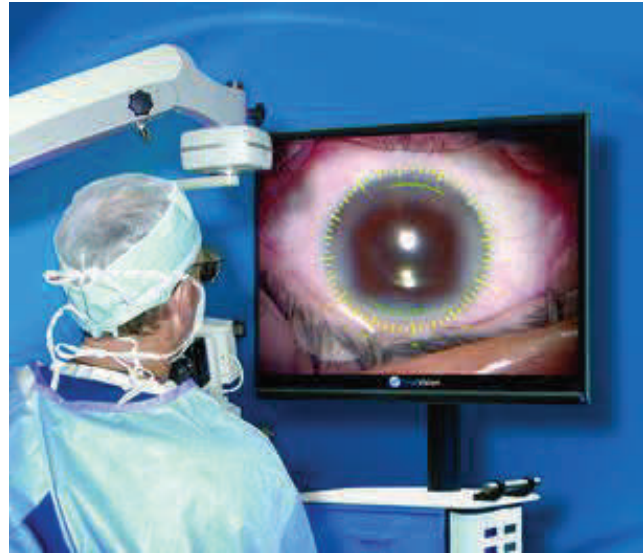
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University of Chicago Medicine is the first medical teaching institution in Illinois to adopt a TrueVision 3D surgical visualization system for ophthalmology. Seenu Hariprasad, Susan Ksiazek and Michael Saidel are the first ophthalmologists at the school to use the system.

Hariprasad, an associate professor and chief of vitreoretinal service described the new system as a "breakthrough" in eye surgery technology. Explained Hariprasad: "The TrueVision system provides an unparalleled three-dimensional view that greatly enhances the ability of the observer to visualize and thus understand the relationship between the instruments and anatomic structures of the eye during surgery."

Added Saidel, an assistant professor and director of the corneal service: "I see a strong use for it in the operating room as well as a way to build our practices and residency training program for 3D surgery."

The new 3D system is a real-time



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stereoscopic, high-definition visualization system that attaches to microscopes to display the surgical field of view on 3D flat panel displays in the operation room. The new technology is used for microsurgery and to stream live video of the surgical field, making it a useful teaching tool.

University of Chicago Medicine has been a teaching institution since 1927. It is located in Hyde Park on the south side of Chicago, and includes a 1.2-million-square-foot Center for Care and Discovery. The medical campus also includes Comer Children's Hospital, the Duchossois Center for Advanced Medicine and the University of Chicago Pritzker School of Medicine.