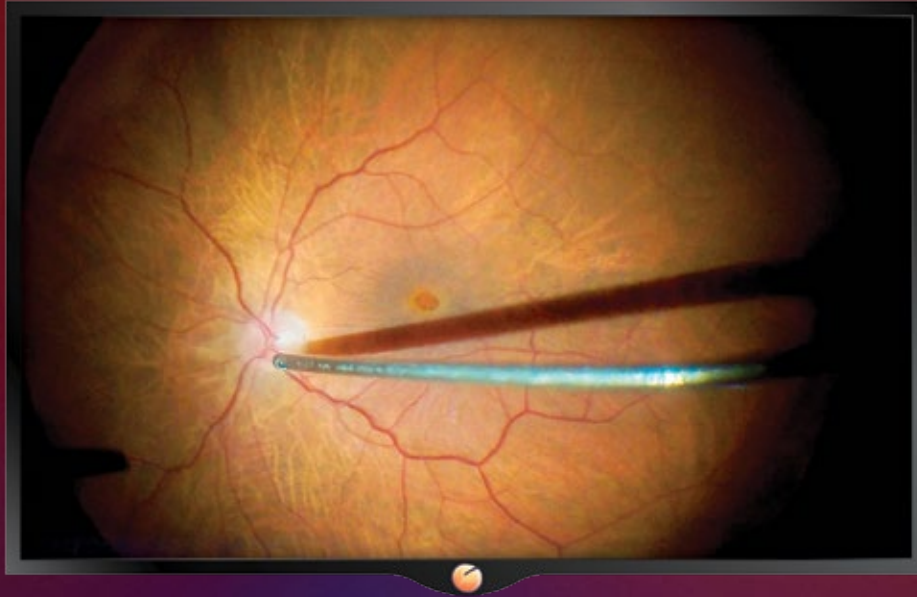


YOU'VE NEVER VISUALIZED  
YOUR PATHOLOGIES QUITE LIKE THIS.

EXPERIENCE THE **NGENUITY**® 3D VISUALIZATION SYSTEM.



The **NGENUITY**® 3D Visualization System complements the Constellation® Vision System by leveraging some of today's most advanced technologies to create a completely immersive visualization experience.

### ADVANCED VISUALIZATION CONTROL

Featuring a powerful 3D High Dynamic Range camera, the **NGENUITY**® 3D Visualization System works to provide excellent resolution and image clarity, the ability to increase magnification while maintaining a wide field of view, and a **visualization experience you can customize to fit your needs.**



### ENHANCED COLOR CONTRAST

The **NGENUITY**® 3D Visualization System supports the completion of surgical tasks by allowing you to customize your surgical view during each procedure, which can **highlight the visualization of ocular structures and tissue layers.**



### REDUCED LIGHT LEVELS

The **NGENUITY**® 3D Visualization System facilitates operating using lower light levels<sup>1</sup>, delivering comparable visualization to the current standard of care and fostering a **positive surgical experience.**





The **NGENUITY**® 3D Visualization System is designed to be compatible with all major microscope platforms.

## YOU'VE NEVER HAD A SURGICAL EXPERIENCE QUITE LIKE THIS.

Beyond delivering truly stunning visualization, the **NGENUITY**® 3D Visualization System offers a dynamic experience within the OR itself. This system is specifically designed to **facilitate collaboration and teaching by displaying the procedure through a digitally enhanced view.**

### REIMAGINED ERGONOMICS

The groundbreaking ocular-free design of the **NGENUITY**® 3D Visualization System revolutionizes the physical nature of your procedures, promoting **improved posture and may reduce fatigue**<sup>1</sup>.

### EXPANDED SURGICAL VIEW

Powered by a 3D High Dynamic Range camera and a 3D 4K OLED monitor, the **NGENUITY**® 3D Visualization System **redefines the way you capture and display surgical information.**

### IMPROVED COLLABORATION AND EDUCATION

Offering an expansive panoramic surgical view, the **NGENUITY**® 3D Visualization System ensures everyone in the OR sees exactly what you see by providing full access to **an unparalleled view of real-time surgical information.**

#### IMPORTANT PRODUCT INFORMATION

**CAUTION:** Federal (USA) law restricts this device to sale by, or on the order of, a physician.

**INDICATION:** The **NGENUITY**® 3D Visualization System consists of a 3D stereoscopic, high-definition digital video camera and workstation to provide magnified stereoscopic images of objects during micro-surgery. It acts as an adjunct to the surgical microscope during surgery displaying real-time images or images from recordings.

**WARNINGS:** The system is not suitable for use in the presence of flammable anesthetics mixture with air or oxygen. There are no known contraindications for use of this device.

**PRECAUTIONS:** Do not touch any system component and the patient at the same time during a procedure to prevent electric shock. When operating in 3D, to ensure optimal image quality, use only approved passive-polarized glasses. Use of polarized prescription glasses will cause the 3D effect to be distorted. In case of emergency, keep the microscope oculars and mounting accessories in the cart top drawer. If there are any concerns regarding the continued safe use of the **NGENUITY**® 3D Visualization System, consider returning to using the microscope oculars.

**ATTENTION:** Refer to the User Manual for a complete list of appropriate uses, warnings and precautions.

1. Eckardt, C., Paulo, E.B. HEADS-UP SURGERY FOR VITREORETINAL PROCEDURES: An Experimental and Clinical Study. *Retina*. 2016 Jan;36(1):137-47.