

From Eye to Insight

Leica

MICROSYSTEMS



L

K

LOOK BEYOND
WHAT YOU'VE IMAGINED

MyVeo. All-in-one Surgical Visualization Headset

Have you imagined what the future of surgery will look like?
Have you wondered how digital imaging and technological advances
could simplify and reshape your surgical work?



... how you see



... how you move

... how you collaborate

Look at how the MyVeo
surgical headset offers you
new possibilities >>



REIMAGINE
A UNIFIED VISUAL EXPERIENCE

> pages 04-05

MyVeo

LOOK BEYOND
WHAT YOU HAVE IMAGINED

The all-in-one surgical visualization headset for the ARveo 8 digital visualization microscope frees you from the microscope by unifying essential clinical data right in front of your eyes in real time. MyVeo helps you to stay focused, work comfortably and boost OR team collaboration.




REIMAGINE
PERSONAL MOVEMENT AND COMFORT

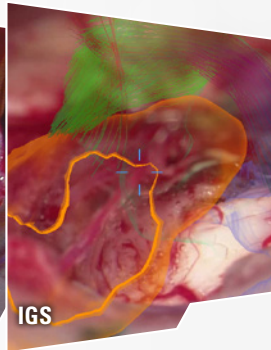
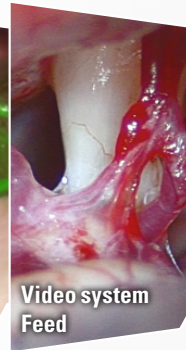
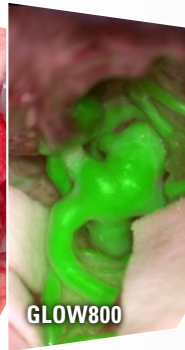
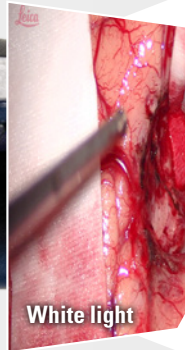
> pages 06

REIMAGINE
TEAM COLLABORATION

> pages 07



It's all right in front
of your eyes



REIMAGINE A UNIFIED VISUAL EXPERIENCE

Experience an entire surgery with the MyVeO headset, providing you a single integrated view for an uninterrupted workflow, supporting more confident decision-making during surgery.

Seamlessly access the digital image data that you need to see. From the normal white light image of your operating field to Augmented Reality applications to image-guided surgery (IGS) data and even an endoscope image feed.

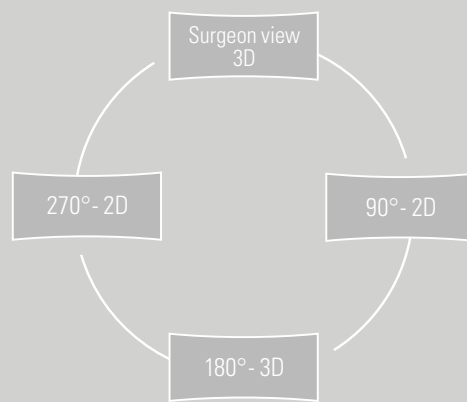


■ Choose the image orientation

OR team members wearing the MyVevo headset can choose from four different image orientations.

They can either see from the same perspective as the main surgeon in high-resolution 3D or adjust their live stream view by selecting between these orientations: 90° rotated view in 2D, 180° rotated view in 3D, or 270° view in 2D.*

Assistant views



■ Stay focused during your procedure

Experience a smooth workflow during procedures by not having to look at multiple screens for the information needed for clinical decision-making.

At the touch of a button on the microscope handle or via the footswitch, you can access a broad spectrum of real-time surgical information in a high-resolution 3D view.

* Applications from external systems, such as IGS or information from compatible endoscopic video systems are only displayed in 2D, independent of the selected image orientation.



REIMAGINE PERSONAL MOVEMENT AND COMFORT

Experience ergonomic comfort and ease of movement during long surgeries as you have the right view constantly in front of your eyes.

- Free yourself from oculars or external monitors
- Achieve a comfortable upright working posture
- Instantly connect to the surgery through the MyVeO headset—a plug-and-play solution with no wait time

REIMAGINE **TEAM COLLABORATION**



MyVeO enables your team to visualize the entire surgery in 3D, simultaneously. With fewer distractions and no crowding around monitors, a smooth surgical workflow is now possible. Up to three MyVeO users can experience real-time surgery, which is especially useful and powerful for teaching and learning.



■ **Stay connected with your team by having unobstructed peripheral sight**

You can still see the patient, your hands, the instruments, and your colleagues.



The lightweight MyVeO all-in-one surgical visualization headset provides ease of movement with the freedom to simply flip up the near-eye screens of the headset, when needed.

TECHNICAL SPECIFICATIONS

Power	24 V, max. 3A
Classification	Class I Device
Compatibility	Evolved ARveo 8

Headset

Size of headset	355 × 186 × 150 mm
Weight of headset	< 600 g
Length of cable (fixed to headset)	0.85 m
Length of cable (between headset & hub)	5.20 m
Image orientation modes	Main surgeon (0°) Side assistants (90° & 270°) Back assistant (180°)
IPD range	52 – 76 mm
Diopter range	-5 dpt / +5 dpt
Latency of headset	< 20 ms (main surgeon)
Display resolution of the near-eye screens	High resolution displays (Full HD) for each eye

Hub

Size of hub	270 × 270 × 90 mm
Input/output interfaces	3 x outputs for 3 viewer 2 x video output for external 3D screens
Touch-screen display	Brightness control of the near-eye screens Activation and deactivation of the adjustment image Image orientation modes for all users
Mechanical fixation	Mechanical fixation to microscope



Leica Microsystems (Schweiz) AG
Max Schmidheiny-Strasse 201
9435 Heerbrugg, Switzerland



Class IIa GLOW800

Class I surgical microscope ARveo 8 incl. accessories,
such as MyVeo

Not all products or services are approved or offered in every market and approved labeling and instructions may vary between countries.
Please contact your local Leica representative for details.



Leica Microsystems (Schweiz) AG · Max Schmidheiny-Str. 201 · 9435 Heerbrugg ·
Switzerland · T +41 71 726 3333

www.leica-microsystems.com

CONNECT
WITH US!

