

From Eye to Insight

Leica
MICROSYSTEMS



Multidisciplinary Microsurgery Microscope

**SEE MORE, SIMPLY
IN NEUROSURGERY**

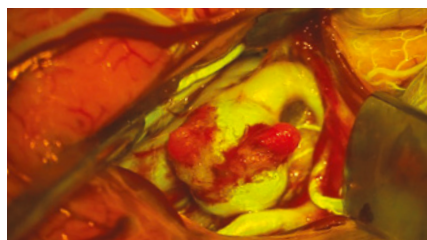
PROvido with FusionOptics

PROvido helps you to take your neurosurgical practice to the next level with an outstanding view of the surgical field and advanced optical visualization technologies. In real-time you can now get greater insights into cerebral anatomy, and physiology. With the PROvido microscope you can progress seamlessly through your neurosurgical interventions, as you see more, simply.



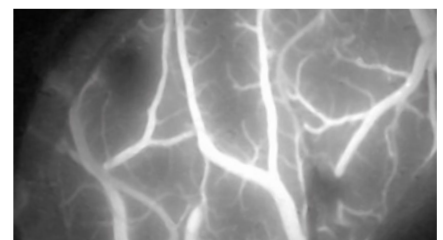
See more in one fully-focused view

FusionOptics unites high depth of field with high resolution providing you more details in one single view. You can assess complex surgeries with minimal interruptions, as you see more at a glance and need to refocus less.



FL560 fluorescence

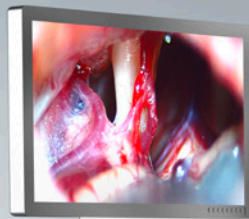
View non-fluorescent tissue in natural color and simultaneously observe fluorescence in a bright yellowish-green color with the FL560 fluorescent filter.



FL800 fluorescence

Observe blood flow in real time with the FL800 ULT intraoperative video angiography module. Used in conjunction with ICG fluorescent agent, you can quickly activate the filter for visual assessment of vessel patency during vascular procedures.

24" HD monitor and 27" HD touch-screen monitors available



Internally routed cables give a streamlined look and allow for free, unobstructed maneuverability

Electromagnetic brakes and AC/BC balancing for effortless, balanced positioning

360° rotation



More space to work (600 mm)

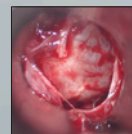
Small footprint and large free working space between base and optics carrier for positioning flexibility in the OR

Highly precise micro adjustment with just a touch of the XY joystick

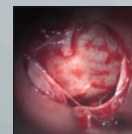


Fully integrated HD camera and recording system is controlled at the touch of a button or tap of the wireless footswitch

Small Angle Illumination (SAI) and bright 300-Watt xenon for a bright view with less shadow to the bottom of deep, narrow cavities



with SAI



without SAI

Proceed without limitation: Fast, flexible set-up & operation

- > The optics carrier design enables you, and your opposite or side assistant, to achieve a comfortable, upright working posture even during long, complex interventions
- > The compact optics carrier also allows your arms to remain in a natural position without overextension
- > Different operating positions and body frames of main surgeon and assistant are accommodated thanks to a selection of binoculars with full 360°-rotation
- > 600 mm working distance means you are not limited by the long instruments typical of spine procedures

REGULATIONS AND STANDARDS

Class I surgical microscope PROvido incl. accessories
Class IIa Leica FL800 ULT.

> Council Directive 93/42/EEC on Medical Devices (MDD) and its amendments.

> IEC 60601-1 / EN 60601-1 Medical Electrical Equipment, Part 1: General requirements – including national differences of EU, CA, US.

> IEC 60601-1-2 / EN 60601-1-2 Electromagnetic Compatibility.

The Medical Division, within Leica Microsystems (Schweiz) AG, holds the management system certificate for the international standard ISO 13485 relating to quality management and quality assurance.

The application images used in this brochure were captured with a similar Leica surgical microscope.

For all fluorescence modules, please check the status of regulatory classification & approval in your country with a local Leica Microsystems representative.



CONNECT WITH US!

Leica Microsystems (Schweiz) AG · Max Schmidheiny Strasse 201 · CH-9435 Heerbrugg

T +41 71 726 3333 · F +41 71 726 3399

www.leica-microsystems.com

