

OLYMPUS

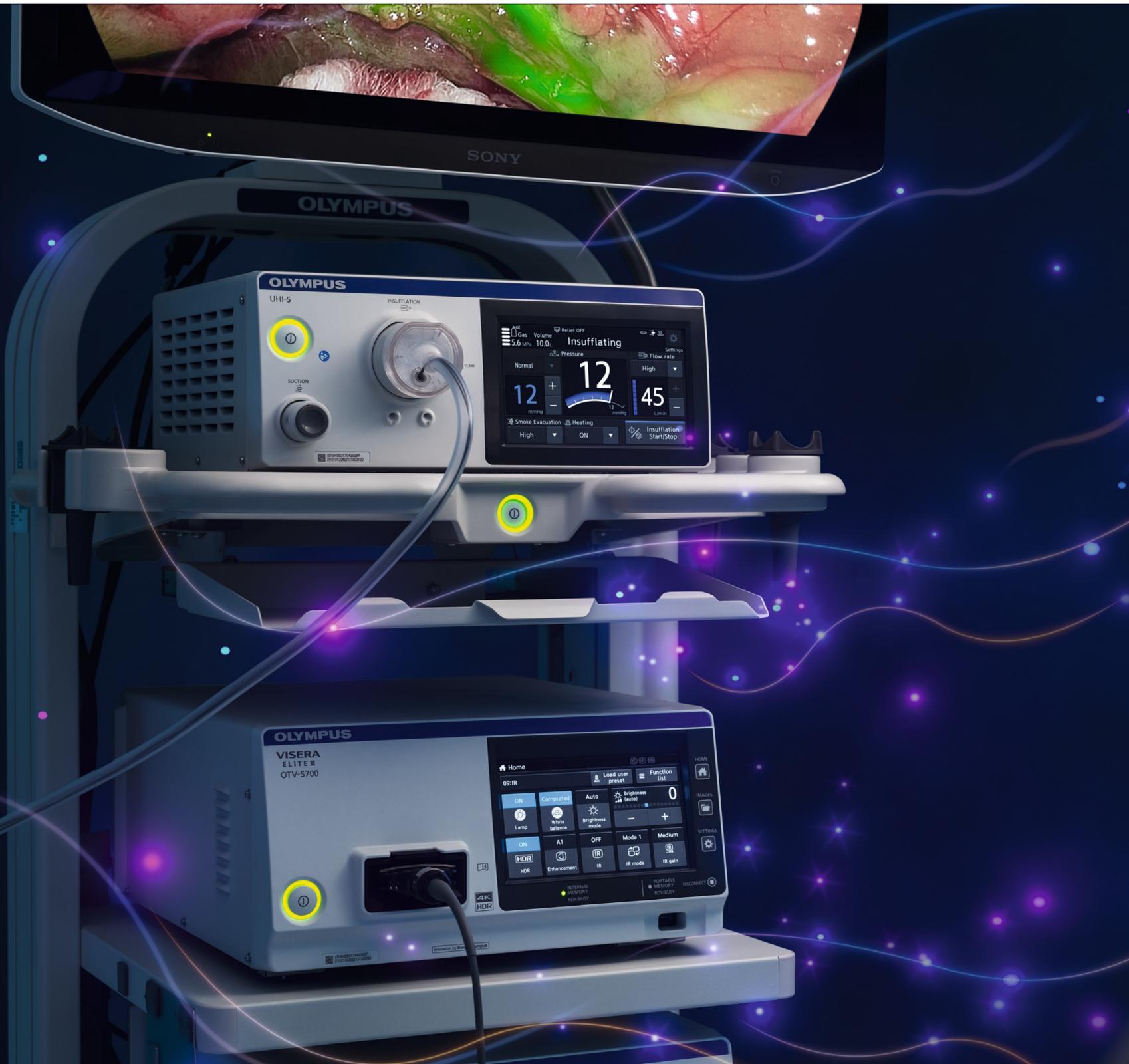
**VISERA
ELITE III**

Be Visionary

Innovation That Grows With You



Introducing the New Endoscopic Visualization Platform



Be Bold

Be Pioneering

Be Innovative

VISERA ELITE III

Created to accelerate procedures and learning curves for improved patient outcome with advanced imaging, **VISERA ELITE III is the future-proof endoscopic visualization platform** with software upgrades and technology that allows you to focus on your procedures, while significantly reducing future costs.

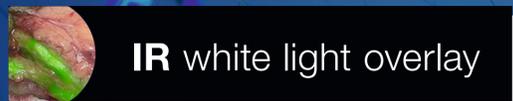
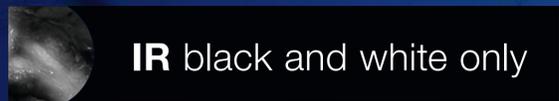
Technology That Powers Your Vision



The Power of Fluorescence- Guided Surgery

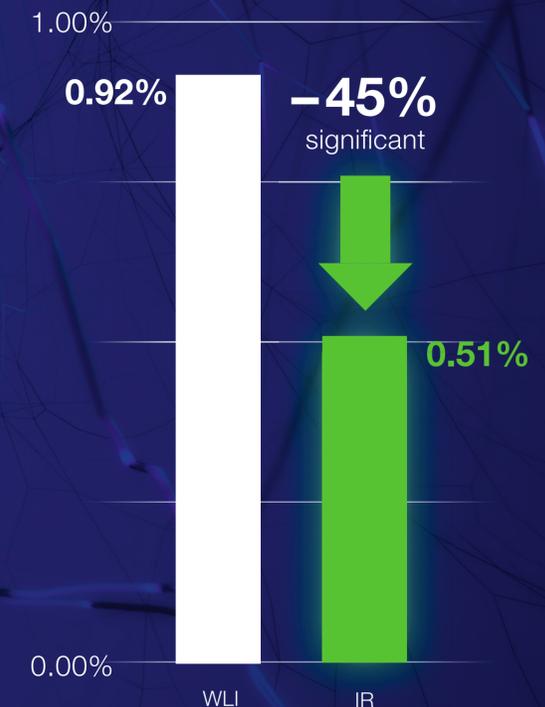


Discover impressive fluorescence-guided surgery for better perfusion control and easier identification of biliary structures, choose the IR gain that suits best and **experience three selectable IR modes.**



Minimize anastomotic leakages, better visualize vital structures and identify even more of the invisible in the future while potentially **reducing post-operative complications by almost 50%.¹** This helps to accelerate patient recovery and save total medical costs.

Percentage of Cholecystectomy Cases with Injuries¹



Including one case of CBDI

Advanced Imaging — For Improved Surgical Outcome

Combining 4K Vision and CAF

Experience a sharp image through 4K CMOS
and constantly keep the focus with the
Continuous Auto Focus (CAF) function.



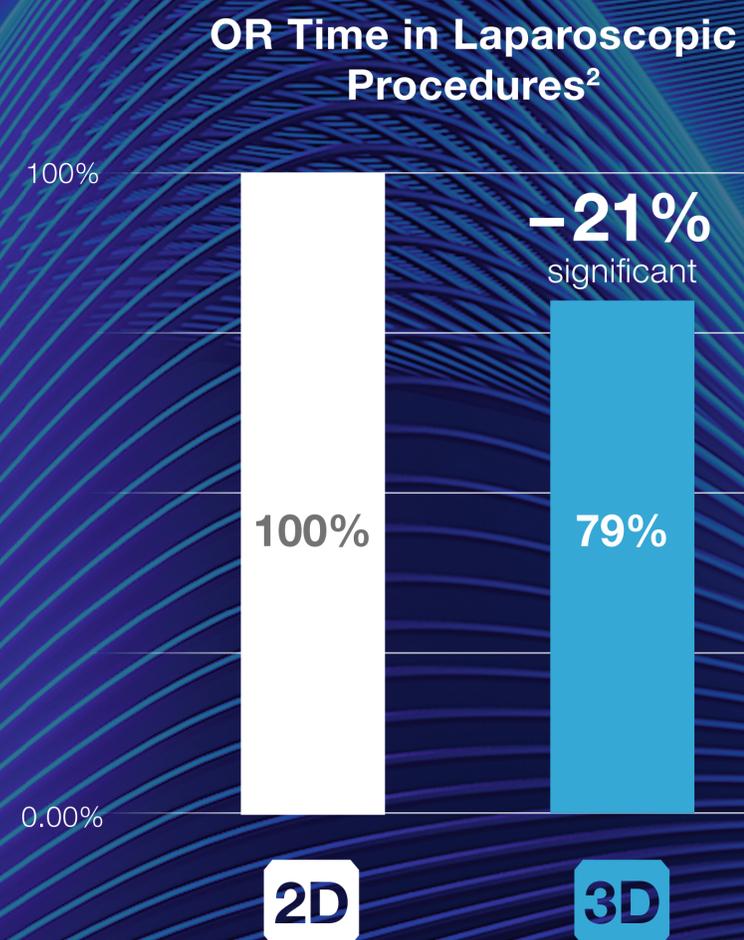
Advanced Imaging — For Improved Surgical Outcome

Focus on the Patient

Enjoy stress relieve and feel comfortable during surgery to fully focus on your procedure. The **Continuous Auto Focus and Extended Depth of Field (EDOF)** technology are developed to increase your concentration and provide a more natural and greater depth perception in 4K image quality.



Advanced Imaging — For Improved Surgical Outcome



Natural **3D Vision** Designed To Improve Procedure Results

Benefit from realistic 3D vision and a high depth of field. The natural image allows laparoscopy to be performed **much more precisely for even better patient outcome.**² 3D vision helps to save up to 35% and an average of 21% operation time compared to standard 2D image procedures.² Better usability will improve not only your surgical confidence but also your overall efficiency by **helping to reduce OR time and accelerate patient recovery.**^{3, 4, 5}

ENDOEYE — Reliable Orientation

ENDOEYE Rigid: **Stable Horizon** Without Compromise

Change the direction of view while maintaining a stable horizon in 3D. ENDOEYE Rigid 30° supports your continuous critical view and always provides you with reliable orientation, even at challenging viewing angles, with its continuous mechanical rotation function.



2D 3D

ENDOEYE — Access All Areas

ENDOEYE Flex: **Flexibility** without Compromise

Use the joystick to easily shift the field of view smoothly to the desired location. Get better access to narrow cavities and quickly obtain the best viewing angle of the organ being viewed with the short, flexible tip of ENDOEYE Flex.



Future-Ready Flexible Standard

One System for All

Designed to meet the needs of multiple specialties like general surgery, urology, gynecology, ENT and more, VISERA ELITE III offers **3D and 4K imaging, impressive fluorescence-guided surgery, well-proven Narrow-Band-Imaging (NBI) and Yellow Enhancement (YE)**, all in one system. Benefit from compatibility with scopes, camera heads and ENDOEYE series of the latest generation⁶ to **efficiently reduce investment costs.**



Future-Ready Flexible Standard

Innovation That Grows With You

With VISERA ELITE III, there is no future need to switch to another platform to have the latest technology. The future-proof, open architecture system offers multiple software upgrades to grow with both **your individual and your hospital's needs**.



Enter the next generation of surgical imaging with **scalable software upgrades** now.

No need to upgrade all your Olympus equipment at once. You can maximize the utilization of existing, compatible components, benefit from a step-by-step approach and update as replacements are needed and future innovations are available over time. Simply upgrade functionalities like 3D and IR and be ready for further visionary innovations **via software activation**.

Future-Ready Flexible Standard

An Optimized Investment as Flexible as Your Needs

VISERA ELITE III is your new versatile OR standard. Different disciplines can choose configurations and use peripheral technology according to individual needs. This provides standardization of OR workflows along with true flexibility. **Only pay for what you need**, keeping the possibility for future upgrades through software licensing.

Compatibilities and standardization ensure versatile but **lean and cost efficient investments** in the latest Olympus imaging technology.

The VISERA ELITE III light source is equipped with long-life LEDs that not only deliver excellent natural color reproduction but also help to reduce maintenance costs.



See Further

Part of a Wider Ecosystem of Surgery, ...

We offer a wide portfolio for surgery covering **visualization, advanced surgical devices and connectivity** with various features — all from one source — for **increased efficiency and a high quality of surgery.**

Benefit from combining pioneering surgical visualization and advanced surgical devices. Our **surgical portfolio of instruments and generators** provides the **full range of specialized devices** and equips you with the power to give your best performance.



See Further

... Collaboration and Integration

Integrate **content management and collaboration platforms with VISERA ELITE III** as part of a wider ecosystem that supports clinicians like you at every step.

The **hospital-wide medical recorder nCare** connected to our telecollaboration solution MedPresence and our **medical content management solution VaultStream** makes it easy to view, record, stream, annotate, label and edit surgical video information pre-, intra- and postoperatively.

These system extensions can use patient data from HIS and PACS systems to enhance visual clinical insights. Benefit from **connecting teams, simplifying collaboration** and peer-to-peer live exchanges of second opinions **supporting clinical decision-making** as well as the possibility of **broadcast training**.

Be Visionary — Innovation That Grows With You



Discover More About VISERA ELITE III

If you would like to find more specific details about VISERA ELITE III and its benefits, detailed information on the single products and components and for downloading individual product specification documents, please visit your country's Olympus website.

 www.olympus.com

References*

- ¹ Broderick, R.C., Lee, A.M., Cheverie, J.N. et al. Fluorescent cholangiography significantly improves patient outcomes for laparoscopic cholecystectomy. *Surg Endosc* (2020).
 - ² Fanfani F, Rossitto C, Restaino S, Ercoli A, Chiantera V, Monterossi G, Barbati G, Scambia G. How Technology Can Impact Surgeon Performance: A Randomized Trial Comparing 3-Dimensional versus 2-Dimensional Laparoscopy in Gynecology Oncology. *J Minim Invasive Gynecol*. 2016 Jul-Aug;23(5):810-7. doi: 10.1016/j.jmig.2016.03.020. Epub 2016 Apr 1. PMID: 27046747.
 - ³ Kanaji S, Suzuki S, Harada H, Nishi M, Yamamoto M, Matsuda T, Oshikiri T, Nakamura T, Fujino Y, Tominaga M, Kakeji Y. Comparison of two- and three-dimensional display for performance of laparoscopic total gastrectomy for gastric cancer. *Langenbecks Arch Surg*. 2017 May;402(3):493-500. doi: 10.1007/s00423-017-1574-9. Epub 2017 Mar 17. PMID: 28314905.
 - ⁴ SU16 3D VS. 2D-Imaging in Laparoscopic Procedures: Opportunity Costs Associated with the Reduction of Time in the Operating Room (OR) – L. Bruno, A. Zervakis, P. Reinders – DOI: <https://doi.org/10.1016/j.jval.2020.08.2002>
 - ⁵ Padin EM, Santos RS, Fernández SG, Jimenez AB, Fernández SE, Dacosta EC, Duran AR, Artime Rial M, Dominguez Sanchez I. Impact of Three-Dimensional Laparoscopy in a Bariatric Surgery Program: Influence in the Learning Curve. *Obes Surg*. 2017 Oct;27(10):2552-2556. doi: 10.1007/s11695-017-2687-5. PMID: 28456885.
 - ⁶ Please contact Olympus for compatibility details.
 - ⁷ Devices will be available upon declaration of conformity, product registration or market clearance in each country's jurisdiction.
- * Data and values are based on studies from Europe and might deviate depending on region.

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required.

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