

# Maquet Volista VisioNIR

Keep your surgical light on while performing NIR\* guided-surgery

NIR fluorescence imaging is designed to address a variety of unmet clinical needs related to finding structures that need to be resected, such as sentinel lymph nodes, malignant cells, and luminal calcifications, and avoiding other structures that could cause acute or chronic morbidity, such as nerves, blood vessels, ducts, lymphatics, and normal glands<sup>1</sup>.

Thanks to Volista VisioNIR\*\*, the surgical staff will not be required to turn the surgical light on/off to be able to perform open surgeries using NIR fluorescence imaging systems.



\*Near Infrared

\*\*Only available on the StandOP version

## Just keep the light on! No need to choose between one or the other.

- A powerful solution to guide surgeons, secure their actions with a better hand-eye coordination when using fluorescence guided surgery. No need to switch between on and off lighting.
- The surgical staff can stay focused on the patient on-going surgery. One less operation for the circulating staff.
- Uninterrupted workflow as you can keep the surgical light on during the entire procedure, no need to think about it.
- The ability to keep the OR light on provides better visibility of the operating room environment for the staff.
- Works simultaneously with the adjustable color temperature feature: while using Indocyanine Green (ICG) and NIR cameras, the surgeon can operate with the preferred color temperature. The dedicated enhancement mode improves the contrast on the screen and complies with autofluorescence.
- Keeping parameters of the OR Light like a standard mode with good color rendering, no change in shadow dilution or dimming.



### One solution: unique filtered light

Thanks to the patented filters' wheel developed on Maquet Volista StandOP, the light emitted from the LEDs is filtered to reduce the remaining NIR wavelengths. Surgical lights disturbing the fluorescence signal emitted is now eliminated. Maquet Volista VisioNIR and NIR guided surgery cameras can be used simultaneously inside the operating room.



#### References

<sup>1</sup>Image-Guided Surgery using Invisible Near-Infrared Light: fundamentals of Clinical Translation, S. Gioux and al. Mol Imaging. 2010 October; 9(5): 237-255

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