

MINIMALLY INVASIVE  
SURGERY

**SEE BETTER. SEE BEYOND.**

*EinsteinVision*® 3.0 FI - 3D Fluorescence Imaging in real-time

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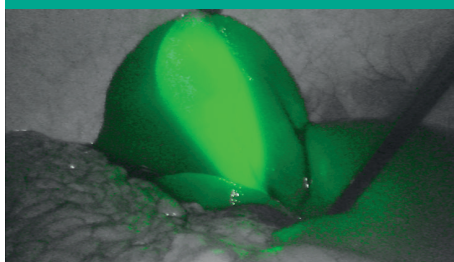
EinsteinVision® 3.0 FI - 3D Fluorescence Imaging in real-time



## SEE BEYOND - TAKE A DIFFERENT LOOK AT ANATOMY

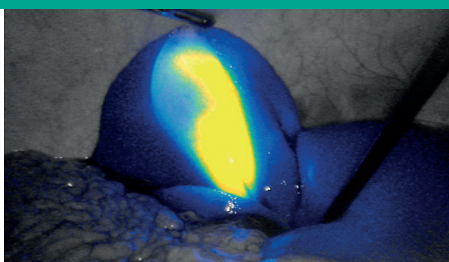
Fluorescence Imaging (FI) aims for the best patient outcome during diagnostics or surgery.<sup>1</sup> In minimally invasive surgery it is used in numerous applications such as vessel or visceral perfusion assessment, visualization of bile duct anatomy or (sentinel) lymph node mapping.

The Aesculap 3D Fluorescence Imaging technology offers three different FI overlay modes in real-time



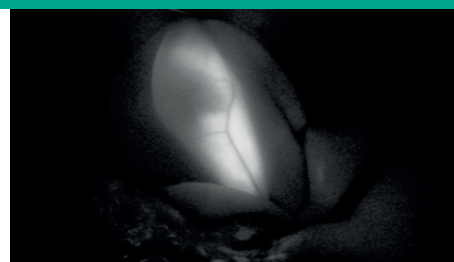
This fluorescence mode indicates the presence of ICG in green color.

### FI Green



The display of the ICG signal in different colors (yellow represents a high FI intensity signal) enables the visual representation of the ICG intensity in the tissue.

### FI Intensity



The monochromatic mode provides the greatest possible image contrast by displaying the white FI signal on a black background.

### FI White

# CUSTOMER BENEFITS

## of the *EinsteinVision*<sup>®</sup> 3.0 FI system

- Shorter operating times using 3D technology<sup>2</sup>
- Clear view through integrated, controlled anti-fog function
- Extended product life due to unique 3D sterile delivery concept<sup>3</sup>
- Extended system use, as both 2D and 3D camera heads can be connected to the visualization platform
- Interdisciplinary use
- Application flexibility through three fluorescence overlay modes
- Simultaneous display of live image and superimposed fluorescence mode
- Switch between live image and fluorescence modes via foot switch or camera head control

## *EinsteinVision*<sup>®</sup> 3.0 FI

A truly unique 3D solution now also in combination with fluorescence technology

### EinsteinVision<sup>®</sup> 3.0 FI system components for 3D fluorescence imaging

PV650 EinsteinVision<sup>®</sup> 3.0 2D/3D FI Camera Control System



PV651 EinsteinVision<sup>®</sup> 3.0 3D FI Camera Head, 0° view



PV652 EinsteinVision<sup>®</sup> 3.0 3D FI Camera Head, 30° view



OP951 LED/Laser light source



PV641SU Sterile camera cover for 3D camera head PV651 (pack of 10)

PV642SU Sterile camera cover for 3D camera head PV652 (pack of 10)



2 Vettoretto N et al. Why laparoscopists may opt for three-dimensional view: a summary of the full HTA report on 3D versus 2D Laparoscopy by S.I.C.E. (Società Italiana de Chirurgia Endoscopia e Nuove Tecnologie). Surg Endosc 2018 (32):2986-93. DOI: 10.1007/s00464-017-6006-y

3 Autoclaving exposes endoscopes and light cables to repeated thermal stress, resulting in a shorter life span. As the EV3.0 FI camera head is not autoclaved, this does not affect the life of the product.

# AESCULAP<sup>®</sup> – a B. Braun brand

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany  
Phone +49 7461 95-0 | Fax +49 7461 95-2600 | [www.aesculap.com](http://www.aesculap.com)

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