

MINIMALLY INVASIVE
SURGERY

SEE BETTER. SEE BEYOND.

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

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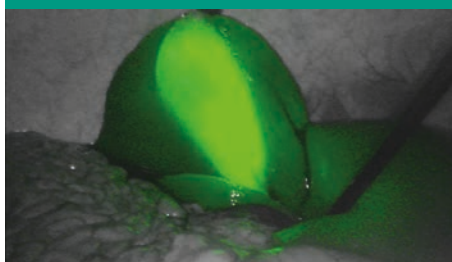
EinsteinVision® 3.0 FI - 3D Fluorescence Imaging in real-time



SEE BEYOND - TAKE A DIFFERENT LOOK AT ANATOMY

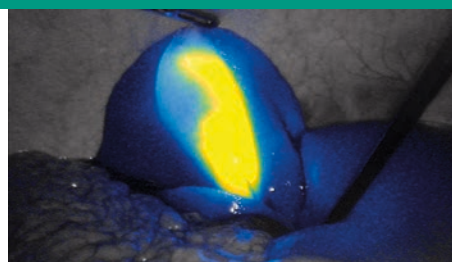
Fluorescence Imaging (FI) aims for the best patient outcome during diagnostics or surgery.¹ In minimally invasive surgery it is used in numerous applications such as vessel or visceral perfusion assessment, visualization of bile duct anatomy or (sentinel) lymph node mapping.

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*[®] 3.0 FI system

- Shorter operating times using 3D technology²
- Clear view through integrated, controlled anti-fog function
- Extended product life due to unique 3D sterile delivery concept³
- 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[®] 3.0 FI

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

EinsteinVision[®] 3.0 FI system components for 3D fluorescence imaging

PV650	EinsteinVision [®] 3.0 2D/3D FI Camera Control System
PV651	EinsteinVision [®] 3.0 3D FI Camera Head, 0° view
PV652	EinsteinVision [®] 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[®] – a B. Braun brand

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