Firefly™ Fluorescence Imaging for da Vinci®, Si™

Real-time anatomy identification using near-infrared guidance

Features | Potential Benefits
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Real-time near-infrared guidance through visualization of injectable fluorescence dye | Enables enhanced visualization capabilities for:
• Vessel identification
• Soft tissue perfusion

Interface allows efficient toggling between normal illumination and fluorescence imaging modes | Allows real-time identification of anatomy in fluorescence imaging mode from the Si surgeon console, in 3DHD quality

Illuminator utilizes LED technology | Minimizes downtime, operating expense associated with lamp replacement

Ordering Information

**da Vinci Si P/N** | **Part Description** | **Compatible With:**
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380993 | Firefly Fluorescence Imaging Upgrade Kit, da Vinci Si | Existing Si vision components

**Upgrade Kit Contains:**
• 1 Camera Head with Cable, Fluorescence - P/N: 381103
• 1 Endoscope, 12 mm dia., 0°, Fluorescence - P/N: 370892
• 1 Endoscope, 12 mm dia., 30°, Fluorescence - P/N: 370893
• 1 Illuminator, Fluorescence | Existing Si illuminator and endoscopes

Existing Si illuminator and camera heads

Existing Si camera heads and endoscopes

Fluorescence Dye Ordering Information

Injectable dye for use in Firefly fluorescence imaging with the da Vinci Si Surgical System

**da Vinci Si P/N** | **Part Description**
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950156 | Fluorescence Imaging Pack (Indocyanine Green*)

**Pack Contains:**
• 6 procedure vials of indocyanine green with aqueous solvent
• 6 procedure kits containing sterile supplies to facilitate reconstitution and intravascular administration

*The above ICG ordering information is for US ONLY; ICG is not available through ISI for outside-the-US markets.

Note: Refer to package insert for more information on indications for use.

For more information, please call Intuitive Surgical Customer Service at 1-800-876-1310 US • +800 0 821 20 20 Europe • www.intuitivesurgical.com

**da Vinci Surgery**
Firefly™ Fluorescence Imaging with da Vinci® Si™

Hardware Upgrade Overview

Console controls allow easy switching between normal illumination, fluorescence imaging modes.

Redesigned camera head optics have been optimized to capture a fluorescence signal.

Fluorescence imaging LED illuminator emits a laser to excite fluorescence dye in situ.

New 0° and 30° 12 mm endoscopes with updated optics can receive and transmit a fluorescence imaging signal.