

**stryker**



# Lighting the path **to informed decisions**

## **1688 Advanced Imaging Modalities (AIM) 4K platform**

A comprehensive imaging system for  
multiple surgical specialties

# Introducing the future of visualization

## Brilliant 4K display

Consistently bright,  
crystal-clear images



## Powerful and versatile CCU

Adapts to multiple  
specialties

## L11 LED Light Source with AutoLight

Improved light control  
and maintenance\*

## Printer

Print from 4K or HD



## Connected OR HUB

Total control of the  
visualization system.  
Allows for streaming,  
capture, recording, and  
printing in 4K.

## PneumoClear all-inclusive insufflator

Smart inflow/outflow  
management with  
heated, humidified,  
and smoke evacuation  
all-in-one tube set.  
Complies with ULPA  
standard.<sup>1</sup>

## VPI

Enables visual  
assessment of blood  
flow, tissue perfusion  
and lymphatics.\*\*

1. As described in DHFD15109

\* Compared to previous generations

\*\* when using Pinpoint or SPY-PHI

# Why use **fluorescence**?

Blood flow is one of the most important factors in tissue healing.

Fluorescence imaging with Indocyanine Green (ICG)\*\* means seeing beyond the naked eye, allowing the surgeon to visualize circulation, including lymphatics and blood vessels as well as tissue perfusion to help achieve the desired patient outcomes. Fluorescence imaging with ICG has been demonstrated in over 235 clinical articles to aid in the visualization of blood flow, potentially mitigating the risk of complications caused by poor perfusion.<sup>2</sup> ICG is also utilised to identify biliary anatomy, providing confirmation and confidence in surgical decision making.<sup>3</sup>



**Every mode and setting is activated with the touch of a button on the 1688 camera head**

SPY modes

Image capture

Brightness

Video capture

Zoom control

Light source



With Stryker AutoLight technology, you are never left in the dark. Automatic light adjustment maintains consistent lighting regardless of distance from tissue or subject. The 1688 AIM 4K platform features enhanced visualization, leading to confident surgical decision making.

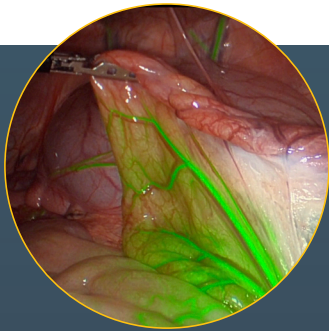
2. 'SPY Fluorescence Imaging Bibliography, 1000903302 Rev B'

3. Zarrinpar A, Dutson EP, Mobley C, Busuttil RW, Lewis CE, Tillou A, Cheaito A, Hines OJ, Agopian VG, Hiyama DT. Intraoperative Laparoscopic Near- Infrared Fluorescence Cholangiography to Facilitate Anatomical Identification: When to Give Indocyanine Green and How Much. Surgical Innovation. 2016. DOI: 10.1177/1553350616637671.

\*\* ICG is a drug and is not provided by Stryker but is independently sourced by the customer. The approval status of the drug may vary. Please determine the status applicable at your hospital or in your country and consult the manufacturer's instructions of the drug for specifications and use.

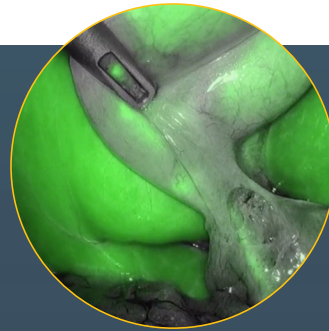
# Brilliance in SPY

See what has always been there, but from a new perspective. The Stryker 1688 AIM 4K platform allows for real-time imaging of anatomy during surgery, with automated light control for a seamless workflow across multiple specialties. The Advanced Imaging Modalities (SPY modes and IRIS) allow surgeons to see beyond the pixels, thereby aiding the surgeons in providing the desired care for their patients.



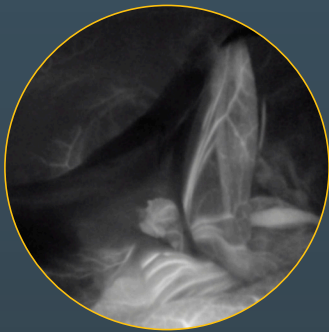
## SPY Overlay

4K fluorescence overlaid on a white light image



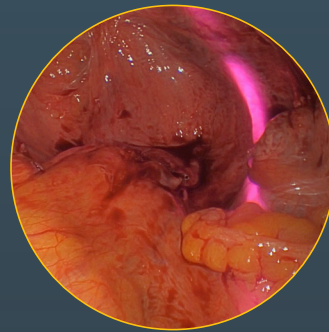
## SPY ENV

4K fluorescence displayed in grayscale and green



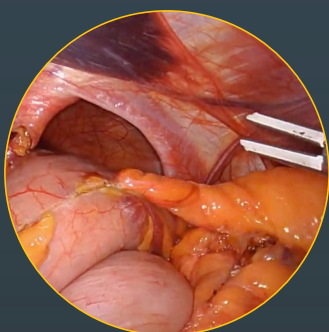
## SPY Contrast

High contrast visualization of 4K fluorescence in black and white



## IRIS

Lighted ureteric stents designed to help mitigate the risk of ureteric injury



## AutoLight

Automatic light adjustment to maintain consistent lighting throughout procedure



# See Your Patients in a whole new light

The Stryker 1688 AIM 4K platform enables brilliant visualization in multiple specialties.



## General Surgery

Designed to help reduce ureteral injuries through use of IRIS or bile duct injuries and anastomotic leaks through NIR imaging.<sup>4</sup>

## Urology

Designed to help more accurately distinguish anatomical variances and overcome poor vision through 4K resolution.

## Orthopaedic

Helps to overcome poor lighting in posterior compartments and improve fluid management and resection through use of AutoLight.

## Gynaecology

Created to improve deep pelvic lighting and may reduce the risk of ureteral injury through use of IRIS.<sup>5</sup>

## ENT

Engineered to improve colour reproduction and posterior lighting in cavernous sinus.

## Colorectal

Designed to help mitigate ureteral injuries and anastomotic leaks.<sup>6</sup>

4. Speicher et al. "Ureteral stenting in laparoscopic colorectal surgery". J Surg Res. Jul;190(1):98-103. 2014.

5. Redan et al. "Protect the ureters". JSLS. Apr-Jun;13(2):139-41. 2009.

6. Chahin et al. "The Implications of Lighted Ureteral Stenting in Laparoscopic Colectomy". JSLS. Jan-Mar;6(1):49-52. 2002.

# Maximise the value of your investment

## Customised financing\*\*\*

Through Stryker's **Flex Financial** program, we provide a range of smart alternatives designed to fit your organisation's needs. Choose from numerous payment structures that can be customised to meet your budgetary needs and help build long-term financial stability.

## Services & support\*\*\*

Stryker's **ProCare** solutions are designed to decrease downtime, improve employee satisfaction, and optimise the performance of your visualization system. When we focus on what we do best – technology and equipment – your staff can spend more time caring for patients.

\*\*\* Availability may vary by region. Please contact your sales representative for more information.

## Endoscopy

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