

AutoRight™

Intelligence inside.
Right Image. Right Dose.
Automatic.



During interventional procedures, time is precious

Wasting time to manually adjust x-ray parameters is not optimal



- Interventionalists require high image quality and expect their system to deliver ALARA* dose.
- Dose optimization is complex and tedious. Most dose reduction features need to be manually adjusted many times during procedures.

What if AI could address image quality & dose optimization automatically, in real time?



AutoRight™

Helps focus your attention on patient

AutoRight¹ is the **1st AI-based**, interventional image chain in the industry², trained on **6,000+ datasets**

Automatic adjustment of up to **7 parameters³** in real time to optimize image quality and dose

2/3 of hardware and software renewed in the image chain



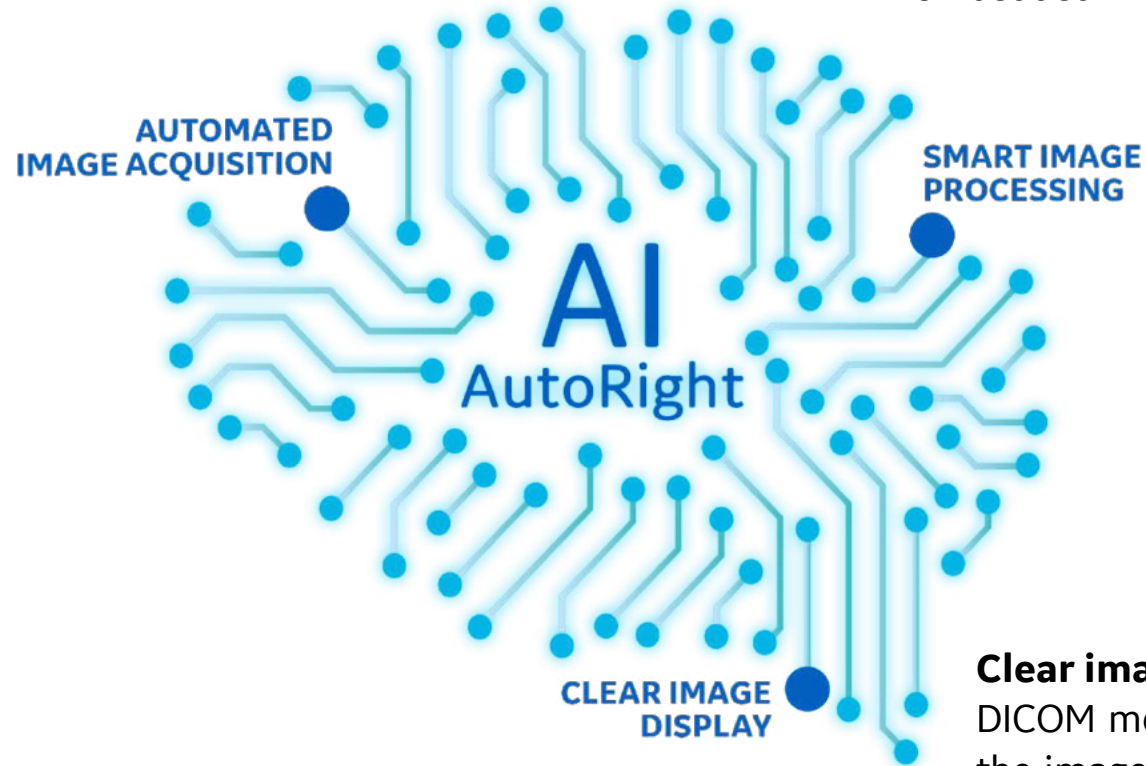
1-AutoRight refers to intelligent image chain features of GEHC's Interventional x-ray systems, from image acquisition to image processing and display, available on Innova IGS 5, Innova IGS 6, Discovery IGS 7 and Discovery IGS 7 OR. May not be available in all markets.

2-Based on competitive research, among major players in interventional imaging

3-One of the parameters is InnovaSense™ an option applicable to Innova IGS 5 (IGS 520 and IGS 530 configurations), Innova IGS 6 and Discovery IGS 7 (IGS 730 configuration)

AutoRight™, Intelligence inside

Automated image acquisition with dose and IQ optimization in real time, whatever the patient anatomy or C-Arm angulation (7P¹ control)



Smart image processing to retain and present only the useful part of the information embedded in the acquired images.

Clear image display with high luminance DICOM monitor that is digitally linked to the image processor.

Providing you with the right image at the right dose, automatically

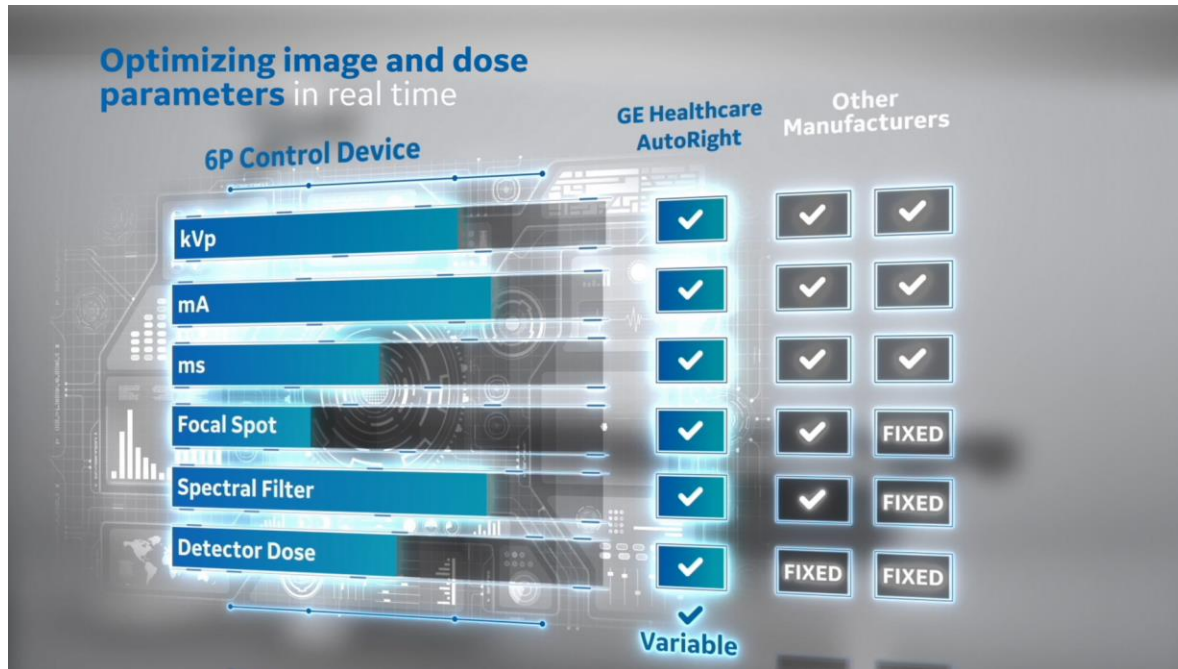
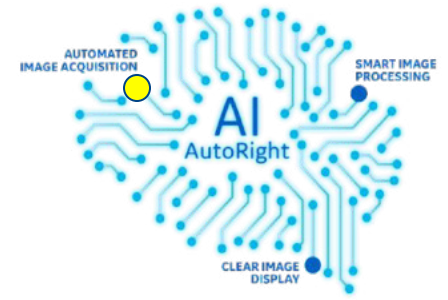


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AutoRight™: Automated Image Acquisition

7P¹ with embedded neural networks (NNs)



Up to 7 Parameters¹ device control

Automatic optimization of acquisition parameters in real time, based on the imaged anatomy (6P)

Automatic optimization of patient/detector distance in real time, to help save un-necessary x-ray dose. (1P)¹

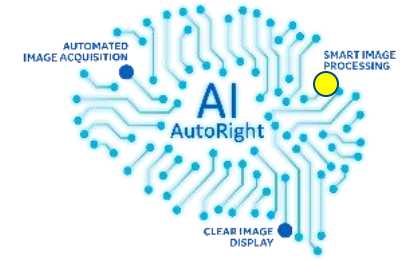


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AutoRight™: Smart Image Processing

Enhanced images rendered to the display in real-time



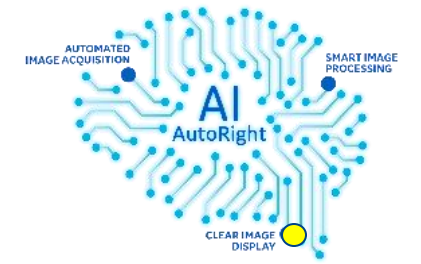
Automated enhancement through image rendering operators :

- Dynamic Range Management
- Subtraction modes
- AutoPixelShift
- Edge Enhancement
- Denoising Techniques

Customize the image rendering: myIQ¹



AutoRight™: Clear image display



Redesigned display chain including **new video processor** and **high luminance DICOM monitor**

Enhanced contrast thanks to a wider luminance dynamic range (0.13 – 400 cd/m²)



AutoRight™ available on the IGS Product Suite



Innova IGS 5
with AutoRight™



Discovery IGS 7
with AutoRight™



Discovery IGS 7 OR
with AutoRight™



Innova IGS 6
with AutoRight™



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