Innova™ IGS5
For All Your Interventional Imaging Needs

Cardiovascular & Electrophysiology Procedures made Accurate and Simple

FLAT PANEL DETECTOR

- Provides high Detective Quantum Efficiency (DQE) of 80%, resulting in an image with a high signal-to-noise ratio (SNR)
- 20.5 X 20.5 square detector offers 30 % greater coverage, exceptional cardiac coverage
- 31 X 31 square detector offers versatility in cardio, angio and vascular
- 41 X 41 square detector offers dedicated for endovascular & oncology coverage

FLEXIBLE THREE-AXIS GANTRY

Exceptional floor mounted L-arm with offset C-arm, provides free space around the patient's head during imaging and large C-arm depth for groin coverage

X-RAY TUBE

X-ray tube with a heat capacity of 3.7 MHU to optimize patient throughput and three focal spots of 0.3, 0.6 and .1mm, meeting your cardio, neuro and vascular needs

EASE OF USE

All-in-one large display monitor
Upgradable to full-color, 8 megapixel, medical-grade large display with up to 120 customized layouts

Swivel table rotation
Facilitates better patient access

Customized report templates
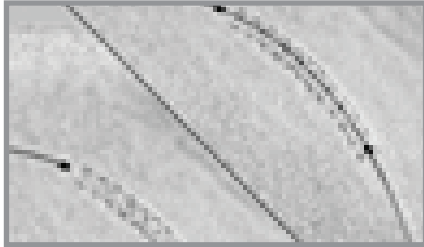To generate reports faster

Preset User Protocol
Simple, easy and quick

Exclusive Clinical Applications for Interventional Imaging
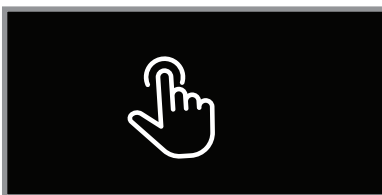
StentVesselViz

A complete opposition image of stent onto vessel, auto fade-in for simultaneous visualization of stent into the vessel pre and post deployment for better assessment.
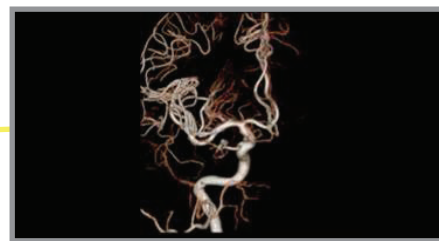
InnovaSpin™

An acquisition made to see the entire coronary artery with one cine run and one contrast injection

OneTouch applications

With the touch of a button, generate auto-calibrated images and analyze the vessel diameters at tableside using just a joystick.
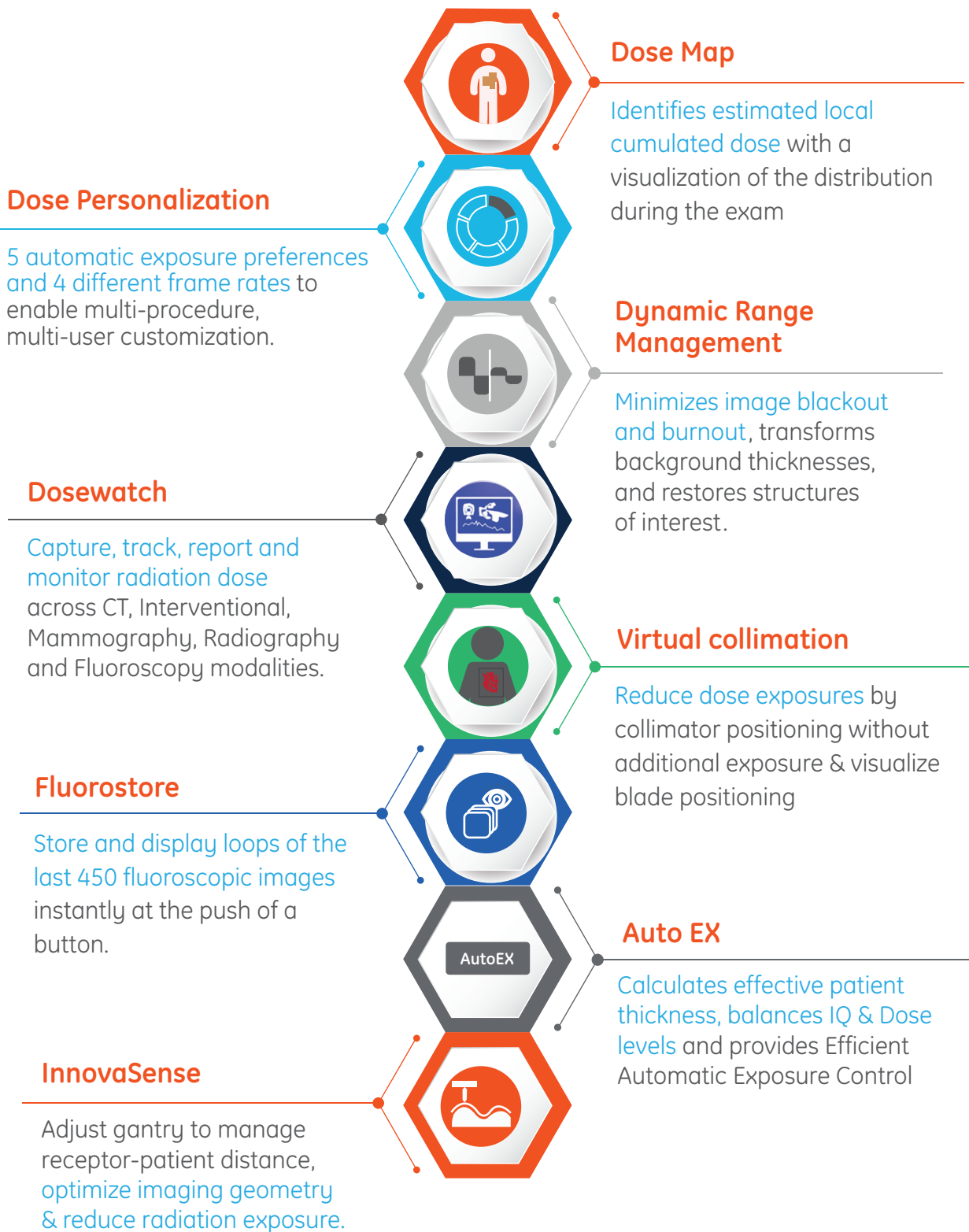
Innova™ 3D

For quick 3D rotational angiography acquisitions and reconstruction of the cardiac anatomy on the AW workstation
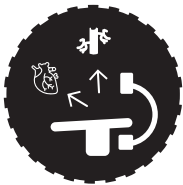
Synchro 3D

Easily synchronize the gantry with 3D model in real time from rotational angiography, CT or MR dataset

Achieve Minimum Radiation and Maximum Safety with GE Blueprint

Dose Map

Identifies estimated local cumulated dose with a visualization of the distribution during the exam

Dose Personalization

5 automatic exposure preferences and 4 different frame rates to enable multi-procedure, multi-user customization.

Dynamic Range Management

Minimizes image blackout and burnout, transforms background thicknesses, and restores structures of interest.

Dosewatch

Capture, track, report and monitor radiation dose across CT, Interventional, Mammography, Radiography and Fluoroscopy modalities.

Virtual collimation

Reduce dose exposures by collimator positioning without additional exposure & visualize blade positioning

Fluorostore

Store and display loops of the last 450 fluoroscopic images instantly at the push of a button.

Auto EX

AutoEX

Calculates effective patient thickness, balances IQ & Dose levels and provides Efficient Automatic Exposure Control

InnovaSense

Adjust gantry to manage receptor-patient distance, optimize imaging geometry & reduce radiation exposure.

A Strong Investment
for Immediate
Clinical Needs
and Financial Realities

Multi-Speciality

Versatile detector size allows systems **multiple applications** across **cardiology, neurology, vascular**, EP, etc.

Maclab

Comprehensive Hemodynamic Recording System provides efficient information integration to help **drive clinical throughput in high-speed, high-volume labs**.

Insite™

Remote service platform provides live access to GE experts to answer questions about system parameters and **lend technical support**. Also provides **automatic update, continuous proactive monitoring**, and detection of potential issues to **prevent costly unplanned downtime**.

InnovaSense

Focus on patient while the machine **automatically adjusts the detector distance, giving** best possible access for a **high-quality image**.

Power Up Your Clinical Decision Making with ASSIST

ASSIST helps to expand the clinical versatility and successfully **PLAN, GUIDE** and **ASSESS** increasingly sophisticated procedures with greater precision and dose efficiency.

On average, **63%** *of procedures are powered by ASSIST.**
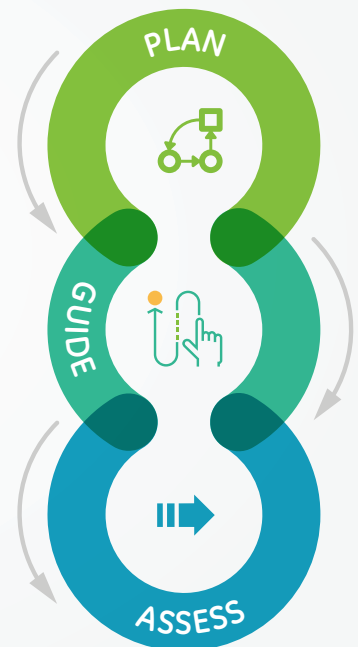
With ASSIST users deliver up to**:

78%
contrast
reduction

70 %
dose reduction
(DAP)

28%
time
reduction

* Based on 15 months of data from 10 clinical sites

** Outcomes will vary depending on the system, settings, clinical task, patientsize, anatomical location, clinical practice and ASSIST solutions.

PCI ASSIST

- Image Quality Improvement at **no extra X-Ray dose**

- **More accurate stent placement** and evaluation reduces the risks of MACEs

- **Improved Stent deployment assessment** up to +85% in moving anatomy, and up to 75% in larger patients, at the same dose

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Valve ASSIST

PLAN
- Size at any time, from anywhere, with **TAVI analysis on AW server**
- **0-click aorta segmentation** and valve plan definition
- **Valve Planning protocol** to visualize cardiac anatomy to establish a therapy strategy
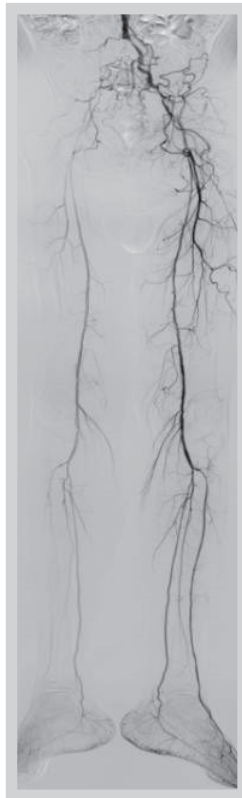
GUIDE
- **FastLink direct communication** and table side intuitive user interface
- **Enhance moving contrasted structures** in the image, to improve the visualization
- **Innova HeartVision** provides pre-operative 3D model to avoid time-consuming and dose-intensive intra-operative 3D imaging
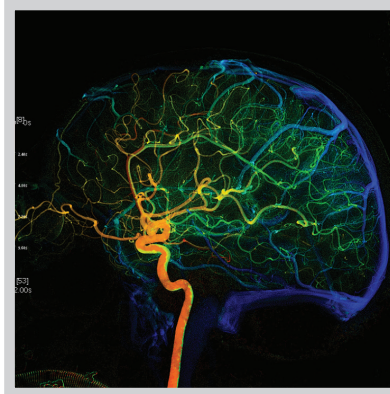
ASSESS
- Immediately **determine the success of treatment** delivery
- Exceptional contrast visualization for **assessment of potential regurgitation Real time benefits** of Ultrasound imaging or angiography

Peripheral Angiography

Advantage Paste application provides the ability to reconstruct and visualize the entire length of the subtracted bolus chasing acquisition on a single image.
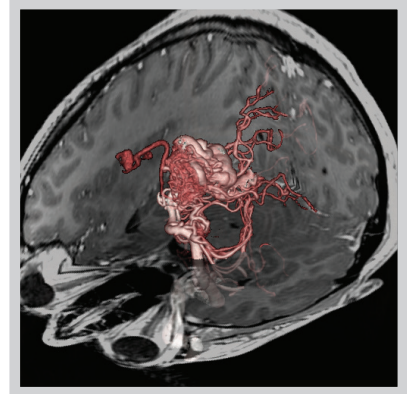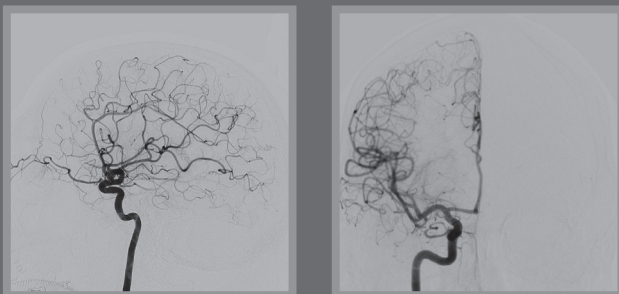
AngioViz

Summarizes in a single image critical information contained in a DSA time series facilitating understanding of vascular flow.
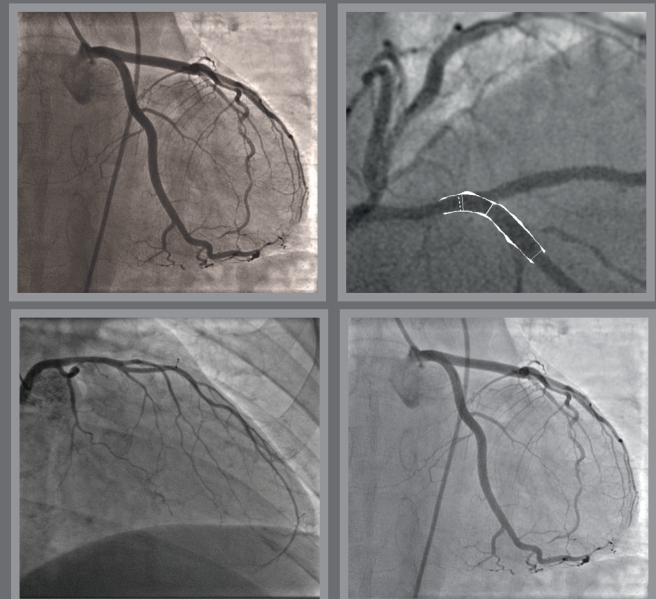
Neuro Integrated Registration

Integrated Registration provides you with the capability to fuse and register two volumetric acquisitions from either the same or different acquisition modalities

Neuro Digital Subtraction Angiography

Fine anatomical details like neuro are revealed through improved de-noising and sharpening algorithms that constantly enhance image quality in real time and after post-processing

Coronory Angiogram

Aortic Stenosis before Stenting using Innova 3D rotational angiography

About GE Healthcare

Harnessing data and analytics across hardware, software and biotech, GE Healthcare is the $18 billion healthcare business of GE. As a leading provider of medical imaging equipment, with a track record of more than 100 years in the industry and more than 50,000 employees across 100 countries, we transform healthcare by delivering better outcomes for providers and patients.

www.gehealthcare.com.sg