GE Healthcare Introduces Innova* IGSi 630 Biplane Interventional Imaging System with Next Generation of 3D, Advanced Applications

Imaging excellence, dose management and enhanced user experience enable clinical confidence during interventional neuroradiology procedures

CHICAGO — November 29, 2011 — Today at RSNA 2011, GE Healthcare (NYSE: GE) introduced the Innova IGS 630 biplane cardiovascular and interventional imaging system. The system features Innova CT HDi, which brings 3D to the next level, and a comprehensive set of advanced applications for interventional neuroradiology. It also offers peace of mind through our comprehensive dose management solutions and an enhanced end user experience for optimized workflow through customized display possibilities. These features are of particular importance in interventional neuroradiology procedures, which uses minimally invasive image-based technologies to help physicians diagnose and treat diseases of the central nervous system, head, neck and spine.

“The Innova IGS 630 biplane reflects our strong clinical focus and commitment to understanding the unique needs of each clinical specialty. With this introduction, we offer a new generation of 3D imaging, new options and advanced applications that truly cater to interventional neuroradiology procedures,” said Chantal Le Chat, general manager of GE Healthcare Interventional Radiology.

Announcing Innova CT HD, the Next Level of 3D
Image quality is critical when treating sensitive target areas, such as blockages in the brain’s tiny blood vessels. The key element in the image chain is GE’s patented digital detector. With excellent performance in low-dose fluoroscopy as well as dose exposures in record modes and ideal size and shape for neuroradiology imaging, the Innova IGS 630 leverages GE’s leadership in flat-panel imaging.

Three-dimensional images are critical for precise evaluation of the aneurysm, qualification for treatment, facilitation of embolization procedures and evaluation of treatment efficiency. Innova CT HD takes 3D imaging to the next level, and can provide a better quality image than before, without increasing the dose. Using high frame rate acquisition and an advanced scatter reduction algorithm, it provides outstanding 3D images for bones and soft tissues. It also includes a high resolution protocol to help visualize small objects like intracranial stents. Innova CT HD is selectable from tableside for an optimized workflow.

Advanced Imaging Visualization for Interventional Neuroradiology
The Innova IGS 630 leverages the power of the GE Advantage Workstation* to take image visualization and analysis to a new level of understanding and efficiency. The Integrated Registration application, crucial for neuroradiology procedures, registers and fuses 3D anatomical and functional images from Innova, CT, MR, PET and SPECT, providing complementary information to help plan and assess interventional procedures. The Blended Roadmap application is enabled on either the frontal or the lateral plane, offering new

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visualization possibilities to interventional neuroradiologists. Innova Vision and Subtracted 3D support localization and guidance of catheters, coils and other devices.

These enhanced capabilities enable greater clinical confidence by improving visualization and registration of complex anatomies.

**TrackVision, AngioViz Take Planning and Functional Assessment to New Level**
Several new advanced applications further enable clinical confidence. TrackVision helps to plan and guide precisely needle procedures. AngioViz takes the DSA (digital subtraction angiography) technique to a new level. It provides a new visualization of the vascular flow on a single image, helping the doctor assess the impact of a treatment on flow dynamics.

**Comprehensive Dose Management Solution**
In general, neuroradiologic procedures require good image quality, long fluoroscopic times and a significant number of angiographic images to visualize and evaluate vascular pathology. As a result, patients can be exposed to moderate to high levels of radiation. ALARA principles of collimation and dose optimization are the most effective means to minimize the risk of future radiation-related cancer.2

GE offers three differentiated sets of enablers to help the dose minimization: core dose efficient technology designed to achieve imaging requirements while adhering to ALARA principles, innovative dose reduction features, and dose management and reporting tools that can help optimize image quality and dose settings.

**Complement User Experience with Large Display Monitor**
GE’s 56-in. (diagonal) all-in-one large display monitor lets users see the information how, where and when they want it based on 120 predefined layouts. This single, configurable, high-resolution display is on a movable boom and offers 19 inputs to support many relevant data sources required during interventional procedures. Users have tableside access to more than 120 pre-defined layouts and can customize a group of layouts according to procedure or their personal preferences by type of data, position on the screen, and image size (zoom up to 200%). Layout selection is fully integrated into the Innova Central Unit touch screen.

**GE Healthcare at RSNA 2011**
Each year in Chicago, the conference of the Radiological Society of North America (RSNA) provides a forum for showcasing the latest innovations in medical imaging. If you are attending the conference, please visit GE Healthcare at booth 3335 in McCormick Place south hall. Throughout the week of the event, GE Healthcare will distribute news and information using these digital platforms:

- Twitter: Follow @GEHealthcare and our hashtag #GERSNA
- YouTube channel: [http://www.youtube.com/gehealthcare](http://www.youtube.com/gehealthcare)

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ABOUT GE HEALTHCARE
GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com.

For our latest news, please visit http://newsroom.gehealthcare.com.

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* Trademark of General Electric

† Not yet available in all countries globally.

‡ Offered as optional feature.