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iconnect

Imaging news from Siemens Healthcare

Issue 01 | July 2014

Introducing Innovations to India



Welcome to the first issue of *iconnect* – a quarterly newsletter compiled to provide you insights on the offerings from Siemens Healthcare.

India is facing numerous challenges in healthcare and the primary one

is to provide access to quality healthcare to the large rural population. In the quest to make quality healthcare more accessible, proliferation of hospitals and diagnostic centres is being witnessed in the tier I and II cities of India. To help these healthcare providers achieve the best clinical results, Siemens has always focused on introducing innovative solutions appropriate to their needs – be it high-end or entry-level systems.

Not only products, but Siemens has also taken initiatives to introduce internationally coveted training programs. STAR (Specialized Training in Advances in Radiology) is one such example where Prof. Hans Ringertz, Professor Emeritus, Visiting Professor at Stanford, visited India to provide training on radiological advances on CT and MR.

Training workshops like STAR are platforms that disseminate expert knowledge on what's new in this ever maturing field of 'imaging'. Siemens will always be in the forefront of associating with such forums, while bringing knowledge closer to our customers.

iconnect is another such platform to give you information on Siemens' breakthrough technologies in imaging.

This newsletter is our endeavour to stay closer to you, our customer, while providing you insights on our solutions. I hope you will enjoy reading it. Please feel free to connect with us and provide your feedback. Write to us at hc_contact.india@siemens.com.

Best Regards

Richard Guest,
CEO & Country Lead
Siemens Healthcare

Artis One

Designed around you



From unique flat emitter technology to real-time stent enhancement, Artis one offers proven technology with next-generation imaging tools. It offers dedicated tools in 2D and 3D to support cardiac, general, vascular and peripheral procedures. For example, it covers the whole coronary workflow, from diagnosis and real-time image guidance to assessment of procedural outcome using CLEARstent, CLEARstent Live and HeartSweep. The **CARE+CLEAR** standard feature enables high image quality at the lowest reasonable dose. Artis one is also designed for positive impact, saving time, space, energy and resources.

“HeartSweep feature is a boon.”

Dr. Vinod Vijan



The first Artis One of India was installed three months ago at Vijan Hospital and Research Center in Nasik. Dr. Vinod Vijan, Interventional Cardiologist from this Center expresses, “HeartSweep is a boon that provides more information at low dose and less contrast. It is useful in patients with renal failure, poor LV function and angio of graft vessels (LIMA, SVG). The CLEARstent feature is extremely helpful before stent deployment, especially in Ostial lesions and in post deployment to see expansion. It is like non-invasive IVUS for stent. I have also used CLEARstent Live for bifurcation lesions and I have found it extremely useful.”

SOMATOM Scope

Focus on the essence of CT



SOMATOM Scope was launched at ECR 2014. It is designed to address the need for a highly reliable, easy to use 16 slice CT scanner that delivers clinically diagnostic image quality at the right dose. The scanner also takes into consideration the need to control overhead costs and to minimize downtime. Gantry aperture of 70 cm provides ease and comfort, while scanning obese patients or patients with spinal deformities. SOMATOM Scope also includes comprehensive **CARE** (Combined Applications to Reduce Exposure) package to enable high quality images at right dose.

CIOS Alpha

See the power with Full View FD



Cios Alpha is the first mobile C-arm to use Full View flat detector (FD) technology that delivers outstandingly detailed and distortion-free images at very low dose. Full View FD technology enables the collimators to uniquely track the image rotation, providing the maximum field of view all the time. Cios Alpha covers the surgical imaging needs of all the most relevant clinical interventions – vascular, cardiac, gastroenterology, urology, trauma and spine surgery. Retina FD technology allows optimized low dose performance with better image quality. To give you complete flexibility, Cios Alpha can be controlled from the monitor cart, the C-arm or directly from the sterile field using the remote touch user interface (UI).

MAMMOMAT Fusion

Where premium meets everyday mammography



Mammomat Fusion is a premium mammography system with refined automated workflow that performs complex exams in the click of a button. It has a 2nd generation CsI detector with MaxFill technology for better image quality at low dose. The convenient Single-Touch Positioning helps achieve better workflow. OpComp feature enables individualized maximum compression level and OpDose sets optimal exposure parameters depending on the entire breast density and thickness.

Quite Suite

Imaging is to be seen, not heard



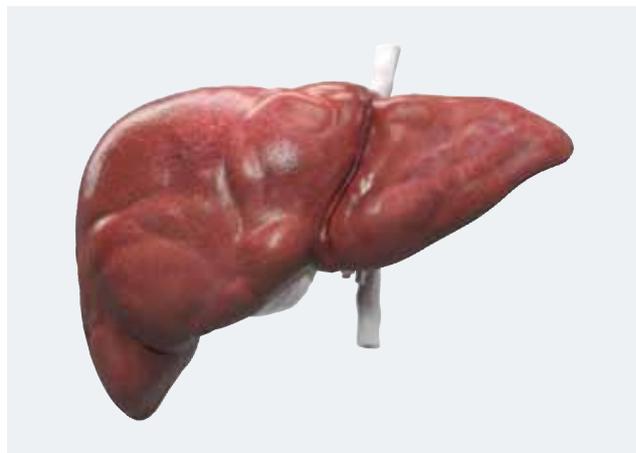
Life Design is the Siemens MRI design philosophy. Since the beginning, the guiding principle in our MRI development has been to design our systems around you and your patients. With Quiet Suite¹, we take noise reduction to a new level. Benefit from up to 97 percent reduction in sound pressure² for complete and quiet neurological and orthopedic exams.

¹ The products/features (here mentioned) may not be commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed.

² Data on file. Results may vary.

FREEZEit

New Certainty in Liver MRI



With FREEZEit – our embrace motion technology featuring TWIST-VIBE and StarVIBE – we enable you to overcome challenging motion in liver MR imaging. TWIST-VIBE combines for the first time high temporal and excellent spatial resolution with full coverage for precision in dynamic liver MRI. It is reliable imaging from the very first shot, making time-consuming and, costly repeat exams a thing of the past. StarVIBE delivers robust, free-breathing and contrast-enhanced exams for patients unable to hold their breath.

HELX™ Evolution, ACUSON S Family

Present Smart. Future Ready.



The HELX™ Evolution is the latest release for the ACUSON S Family™ ultrasound systems. Offering industry-leading ultrasound elastography and tissue strain analysis, as well as HD image quality, streamlined workflow and cost-effective sustainability and upgradability, the HELX™ Evolution offers a range of options for radiology clinics, hospitals and healthcare systems.

ACUSON Freestyle™

Find your Freedom



The ACUSON Freestyle™ ultrasound system is designed to meet the needs of Point-of-Care clinicians during ultrasound-guided procedures. Developed with pioneering technology from Siemens, this is the first Point-of-Care ultrasound system with wireless transducers. The system provides freedom from cables and cable management, flexibility to scan up to 3 meters away from the system, and the ability to operate the system from the transducer with its integrated system controls – bringing a new level of workflow and ease of use into the hospital or clinical setting.

Biograph mCT Flow

FlowMotion, the end of stop and go



Biograph mCT Flow™ is the world's first PET•CT system to eliminate the demand for stop-and-go imaging. With Biograph mCT Flow and FlowMotion, planning and scanning is based on a single continuous motion of the patient table. It provides integration of variable speed, motion management and a 400x400 reconstruction matrix into a single-scan protocol based on the needs of each organ.

Symbia Intevo

xSPECT, the difference between seeing and knowing



Conventional SPECT/CT is limited in its ability to deliver definitive and timely answers to clinical questions in the most effective and efficient way possible. Siemens is addressing these challenges with Symbia Intevo™, the world's first xSPECT—a new modality that completely integrates SPECT and CT data during image reconstruction.

Environment, Health & Safety

Siemens considers Environment, Health & Safety as a fundamental area of focus. While enhancing the clinical efficiency of our healthcare products, we take utmost care that our equipments are running with highest quality and safety standards. For instance, the strong static magnetic field of MRI scanners can be harmful, if proper precautions are not followed while being in the vicinity of the magnet or approaching the magnet.

The MR system has a superconducting magnet whose magnetic field is "ALWAYS ON" irrespective of the MRI system is in itself powered on or not. The greatest risk from this "ALWAYS ON" static magnetic field is attraction of a ferromagnetic object into the magnet of the MRI scanner, which could creating a projectile effect leading to significant injury to people or irreversible damage to the MR system.

We hereby request you to brief your MRI staff, housekeeping staff and also patients, on precautions to be taken while moving in the vicinity of your MRI scanner to avoid potential injuries.

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