



COVER STORY

Healthcare without borders

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AND HUMANITY • CHATBOT TECHNOLOGY
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COMPASS

One Country, Two Healthcare Systems and much more inside...



GM85 :

Moving digital X-ray with Samsung's technology

Samsung Electronics' newly launched GM85, a premium mobile digital radiography system, provides advanced mobility, maximized user convenience and a high image quality.

Its ultra-compact design with 555mm narrow width and 349kg light-weight allow easy access around tight spaces, even in elevators. When moving the system in the hospital building, GM85's collapsible column gives users clear visibility and help access anywhere easily. The adaptive soft driving control and automatic front bumper sensor offer safe navigation and an ultimate driving experience.

The system features a multi-touch screen panel, image display screen on the THU (Tube Head Unit), and extensive long tube reach for easier operation. The S-Align displays the detector's angle to the THU for precise alignment, and the quick-positioning function optimizes workflow and decreases fatigue, enabling users to serve

more patients. It can also power up from 0 to 100% in only two to four hours and go on for a full day.

The GM85 goes further from this with advanced imaging which enables more accurate and confident diagnosis. It applies Samsung's advanced imaging engine S-Vue to enhance image sharpness and clarity. The SimGrid is an application which, even without the need of a conventional grid, produces superior image by reducing scatter radiation effects. With the SimGrid, radiographers can provide better patient care and lower retake rates, as it eliminates alignment errors that often occur with a conventional grid. The Tube and Line Enhancement feature brings improved clarity of the tube and line in chest images through single on-screen click.

The system has received 510(k) U.S. Food and Drug Administration (FDA) clearance. (It is currently scheduled to receive the clearance at the end of November, 2016)



RS80A with Prestige :

Introducing the enhanced CEUS in the U.S.

Thanks to the FDA's approval of contrast-enhanced ultrasound for liver lesions in adults and pediatrics in the U.S., Samsung is successfully introducing its latest contrast-enhanced ultrasound imaging at this year's RSNA.

The RS80A with Prestige, Samsung's premium ultrasound system, applies sophisticated imaging technology that empowers user's confident diagnosis. Samsung's CEUS+ provides superb resolution and improved uniformity with effective noise reduction, which help users acquire better clarity in the near field. Its automatic brightness control feature optimizes imaging in real time, enabling users to secure enough time to diagnose. The CEUS+, in particular, improves the diagnosis of small lesions and its clear

expression of tissue boundaries helps users to achieve interventional procedures with ease and accuracy.

At this year's RSNA, Samsung holds the Corporate Symposium which solely focuses on CEUS. Prof. Paul S. Sidhu, a consultant radiologist at King's College Hospital in the U.K., will discuss about CEUS' usability in clinical practices and Dr. Stephanie R. Wilson, Conference Co-Director of the International Contrast Ultrasound Society, will give a lecture on CEUS's usage on Hepatocellular Carcinoma.

Please visit Samsung's Corporate Symposium on November 28 from 8:30 to 10:00 a.m. at McCormick Place, room S101AB and explore more cases using CEUS+.



DISCLOSURE:

"Point of View" articles are part of the HealthManagement.org Corporate Engagement Programme

For more information on Samsung's global medical equipment business, please visit, www.samsungmedicalsolution.com

* Visitors of RSNA 2016 will be able to see both GM85 and RS80A with Prestige at the Samsung booth located in South Hall A #4735, McCormick Place.