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CT-XGEO GU60A 2.2-140730-EN

REDEFINING ERGONOMICS

Digital Radiography

XGEO GU60A series

	XGEO GU60A	XGEO GU60A-65
HVG(Generator)	50 kW, 150kVp, 630mA	65kW, 150kVp, 800mA
AEC	O	O
DAP	Option	Option
Wireless Detector	S4343-W	

SAMSUNG

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XGEO GU60A SERIES FOR A NEW HEALTHCARE SOLUTION

The XGEO GU60A series offers lowered radiation exposure, while still maintaining a higher level of imaging. An ergonomic approach enhances efficiency and productivity. In addition, real-time monitoring ensures constant high-level performance.

iF product design award
gold
2012

IDEA
INTERNATIONAL DESIGN
EXCELLENCE AWARDS '12
GOLD

ERGONOMIC DESIGN LEADING TO HIGH PRODUCTIVITY

The XGEO GU60A series provides dual-speed movement to improve user convenience, and the fast-moving arm increases the system throughput.
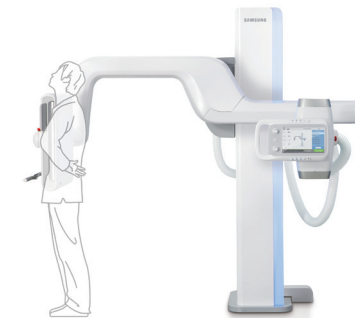
EXPERIENCE ENHANCED WORKFLOW AND THROUGHPUT

Flexible examination with a fully motorized system

The XGEO GU60A series is a universal, fully motorized system. Its unique U-arm rotates from +120° to -30°, and the SID(Source to Image Distance) travels from 100 cm to 180 cm to enable examinations adequate for various patient positioning with remote control. Chest or shoulder X-rays are made easily by rotating the detector 45°.

Patients' comfort and streamlined workflow with lightweight wireless S-Detector

Wireless S-Detector's compatibility results in higher throughput for users. The flexible usability also provides improved patient comfort and convenience when positioning. As a result, the operator's effort is reduced, and a greater number of patients can be served.
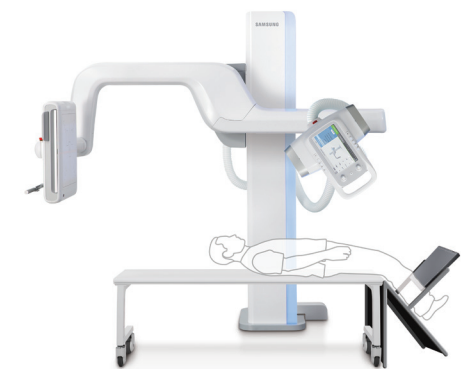
Chest

Foot

Hand

Knee

Abdomen

Skull

IMAGE SHARPNESS AND LOW DOSE WITH S-DETECTOR

Newly developed S-Detector displays the patient's anatomical structure clearly with high Detective Quantum Efficiency (DQE). In addition, the detector lowers the radiation dose for radiographers and patients.

*S4343-W

EXPERIENCE DIAGNOSTIC CONFIDENCE WITH EXCELLENT IMAGES

High-quality images with S-Vue™

Samsung's next-generation S-Vue imaging engine delivers high-resolution images through advanced processing and adaptive filtering and provides enhanced image contrast and sharpness.

S-Vue provides:
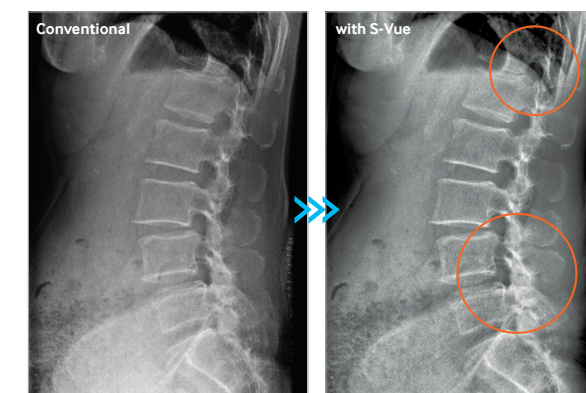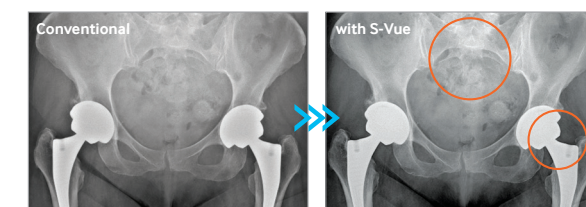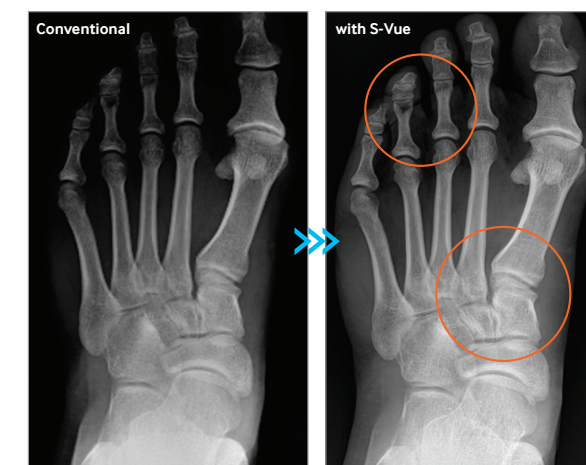
• **Improved image sharpness and clarity**

Thick and thin parts are clearly distinguished so that overlapping areas and contours are more sharply displayed.

• **Ensured image reliability**

Even in the presence of an implant, regions of interest are displayed clearly and without artifacts. In the areas where bones overlap, each bone stands out clearly.
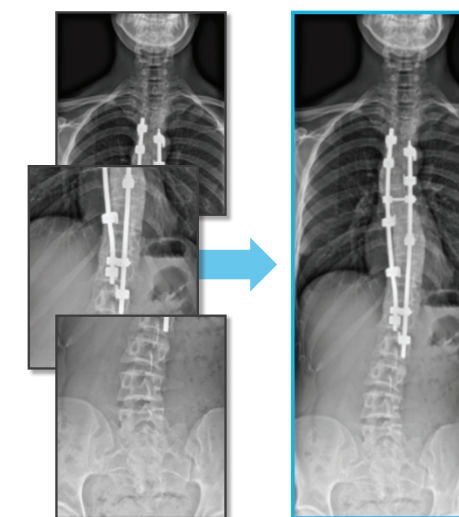
• **Great depth and range of image**

Highly clarified contrast of the regions of interest provides a clear and detailed display of bones and soft tissues in a single image. Images of patients' organs with different characteristics, such as lung, spine and inguinal region images, can be displayed in detail on a single page.
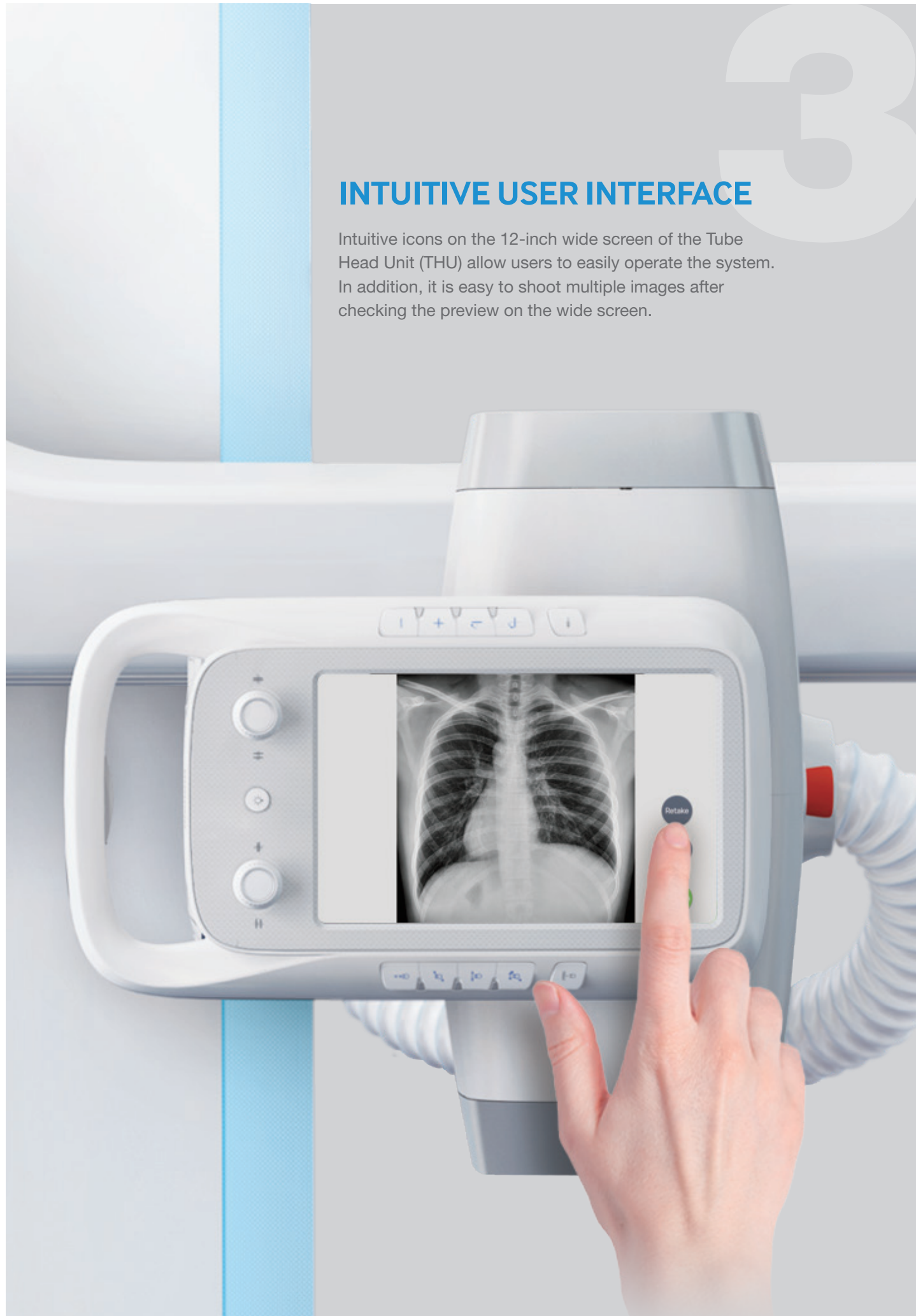
Results may vary depending on individual use.

Rotation type Smart Stitching for higher accuracy

A stitched image supports diagnostic clarity more than separated images. Smart Stitching captures two or more images consecutively and stitches them into one larger image. By advanced rotational stitching technology, overlapping areas are clearly displayed without artifacts.

INTUITIVE USER INTERFACE

Intuitive icons on the 12-inch wide screen of the Tube Head Unit (THU) allow users to easily operate the system. In addition, it is easy to shoot multiple images after checking the preview on the wide screen.
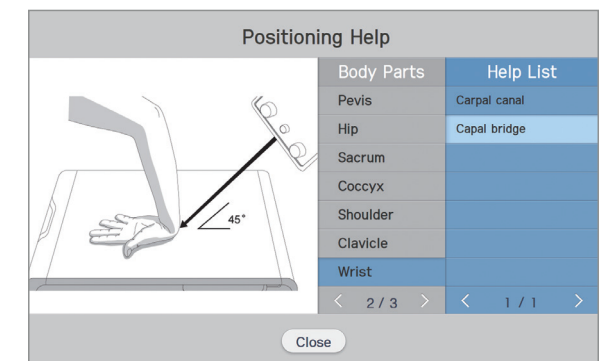
EXPERIENCE EFFICIENT OPERATION

Easy operation with Auto Positioning

The fully automated swiveling arm moves into about five hundred exam positions. It can be controlled with the handheld wireless remote control.
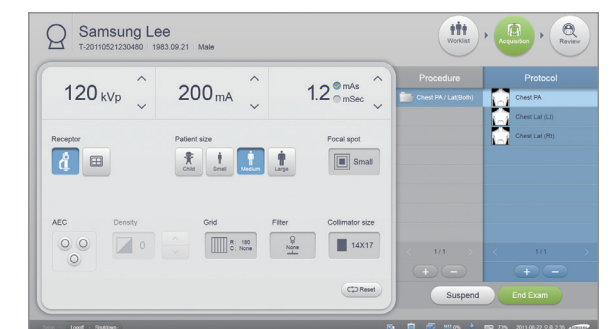
Positioning Help for user convenience

The function displays patient positioning image guides on the Tube Head Unit(THU) to ensure correct patient positioning before imaging.
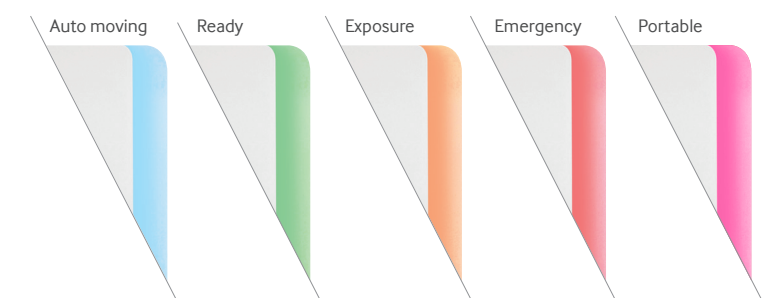
Anatomical Programmed Radiography (APR)

APR automatically selects the imaging method corresponding to the parts being imaged to ensure prompt examinations. APR database corresponding to the needs of hospitals is provided.
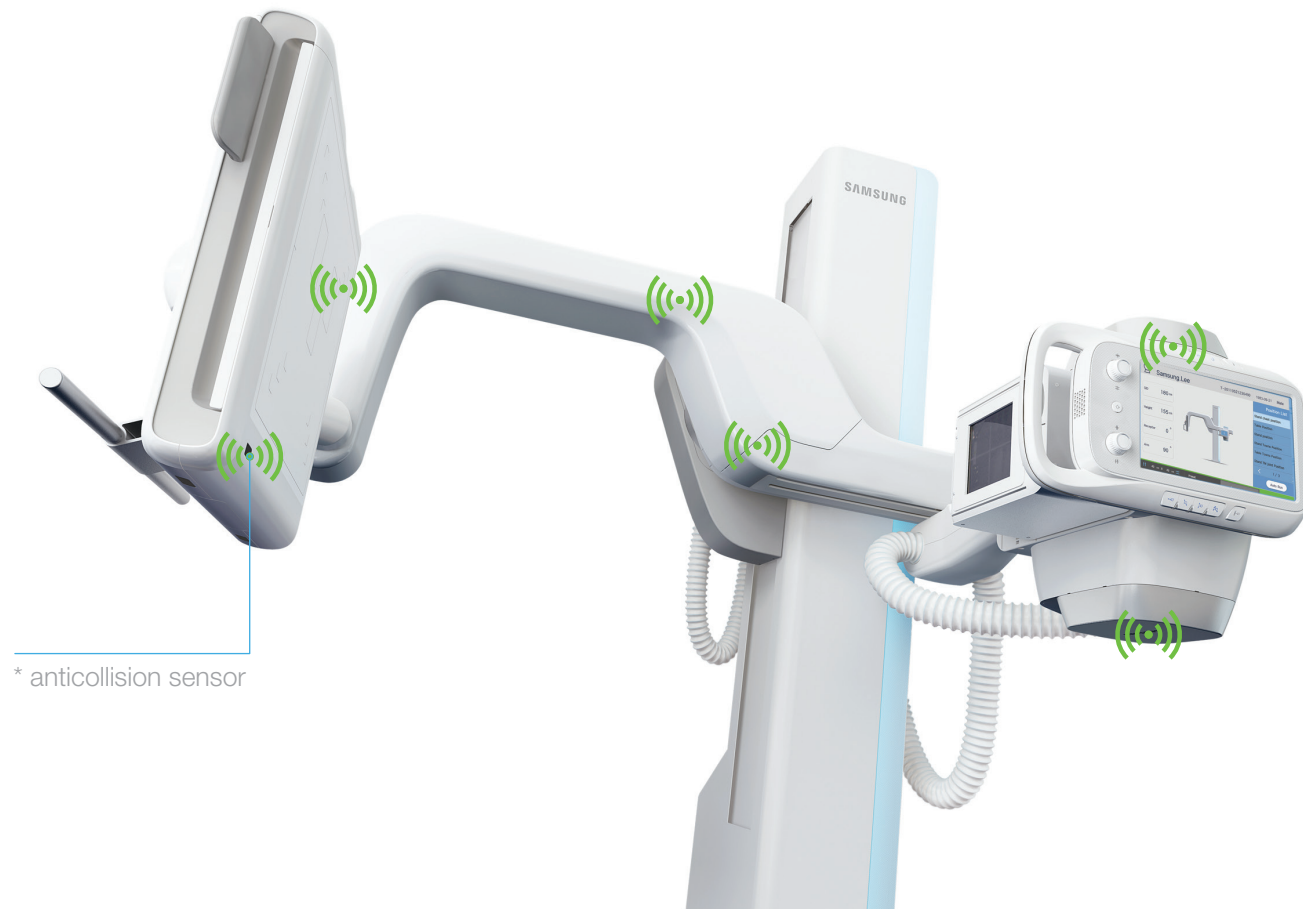
Improve efficiency with Status Color Coding

Users can view the state of movement according to LED column color changes. This intuitive interface enables users to perceive the status and handle the operation promptly.

MAKE SAFETY THE TOP PRIORITY

* anticollision sensor

Collision avoidance system

Six sensors at the THU, swivel arm and receptor can detect the movement of patients and users to avoid collision.

Collimator with separate blade control

4-axis individual blade control function reduces radiation dose and is especially useful for pediatric chest examination.

Auto Exposure Control (AEC)

The AEC function prevents excessive exposure to X-rays and provides optimal image quality to the patients.

Dose Area Product (DAP)

By measuring the amount of X-ray being used by the collimator, users can gauge the dosimetry of patients being examined. DAP information can also be delivered to PACS and effectively managed.

VALUE CARE SERVICES

Maintenance solution: 24/7, 365 days a year*

▶ RMS (Remote Maintenance System)

This system enables continuous monitoring of system errors, auto-diagnosis of the system and software version.

▶ 24/7 call center

The customer support center operates 24/7, 365 days a year to quickly respond to clients' problems.

▶ Upgrade service

Samsung helps clients use the latest products through optional detector upgrades, along with hardware and software upgrades.

▶ Service offering

Samsung offers clients the flexibility to choose service support by allowing them to select the coverage to meet their unique requirements.

RMS · Call center · Samsung Value Care Service · Equipment service · Upgrade service

* Maintenance service availability may vary by country.