

About Samsung

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the world of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US\$216.7 billion. To discover more, please visit www.samsung.com

For more information

For more information about Samsung GM85, visit www.samsungmedicalsolution.com

CT-GM85 1.0-161014-BC-EN

PREMIUM
MOBILE
DIGITAL
RADIOGRAPHY

GREAT TO MOVE

COMPACT & POWERFUL



GM85

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SAMSUNG

EXPERIENCE
A New Healthcare
Solution

SAMSUNG

ULTIMATE DRIVING EXPERIENCE

with advanced mobility anywhere



Ultra-Light

Ultra-light GM85 only weighs 349 kg and allows upto 3 more people on elevator.

* based on elevator with 600kg load capacity

Ultra-Compact

Access anywhere with ultra-compact GM85 even in narrow hallways or tight spaces. Collapsible column makes navigation safe by securing a clear view when traveling.

349kg

555mm



INNOVATIVE ENHANCED USABILITY

to decrease user fatigue and serve more patients

Experience GM85's unique innovation features such as SID Guide and S-Align, enabling users to save time and optimize workflow. Easy quick positioning, large storage and intuitive multi-touch features also provides superior user convenience.

SID Guide

- According to protocols
- 3 types of SID (100/130/180cm)
- Applied automatically

S-Align

S-Align displays the detector's angle to the THU for precise alignment and enhances the quality of imaging.

30°

SID Guide

John Doe, 01

T-20160721150342 | 1945-01-02 | Female

80 kVp | 250 mA | 5 mSec

Medium | Large

0.1mm Cu | Manual | SimGrid

R: 100 | U: None

Procedure | Protocol

CHEST AP | CHEST AP

ABDOMEN SUPINE

PELVIS AP

1 / 2 | 1 / 1

Suspend | End Exam | Auto Send

17 X 13 inch | -30° | 30° | 0°

SID Guide

SID Guide (Source to Image Distance) Guide supports detailed device positioning with multiple SID settings.

S-Align

INNOVATIVE ENHANCED USABILITY

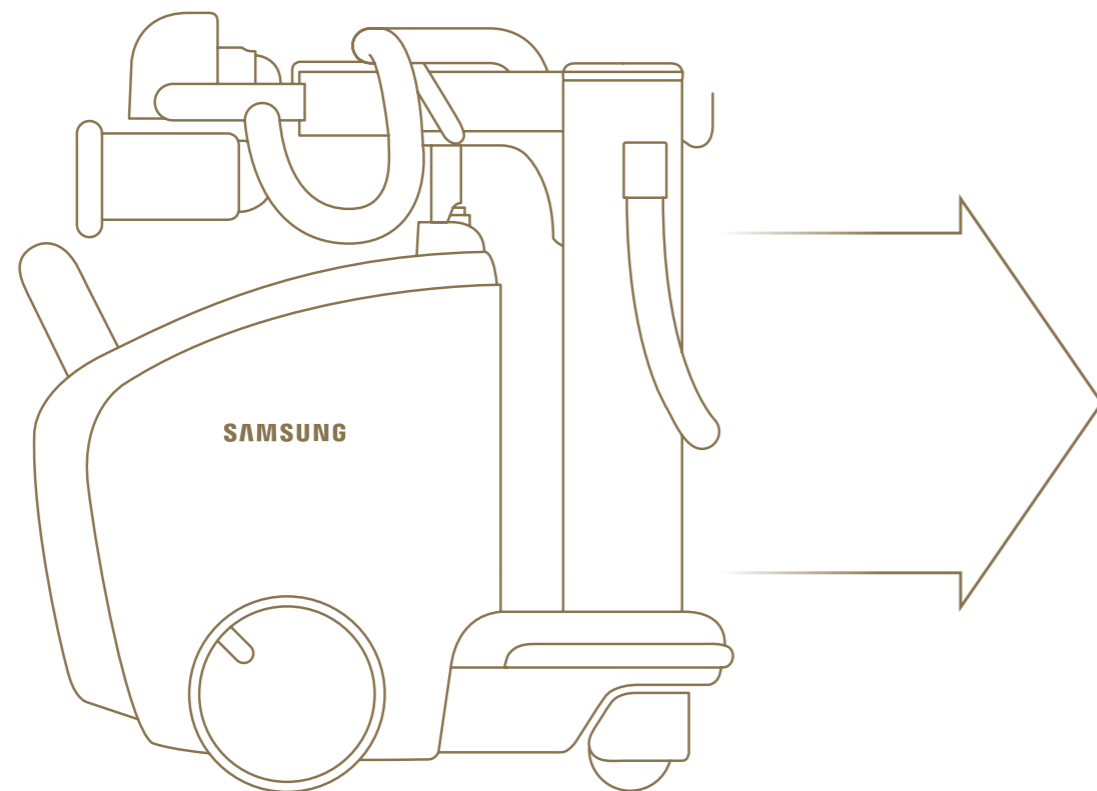
to decrease user fatigue and serve more patients

Battery management

* Charging time will vary according to the capacity of the wall outlet, which will be different for each country

* Fully charged battery supports 220 shots and 20 km of moving distance

* Test Condition : 80kVp/400mA/5msec/30sec intervals, moving in maximum velocity (5.6km/h)



2~4h 

Fast charging time

New battery technology guarantees fast charging and efficient battery management. GM85 powers up to 100% in only 2~4 hours and long-lasting battery gives you the power to keep going for all day without additional charging.



All Day 

All day operation without additional charging

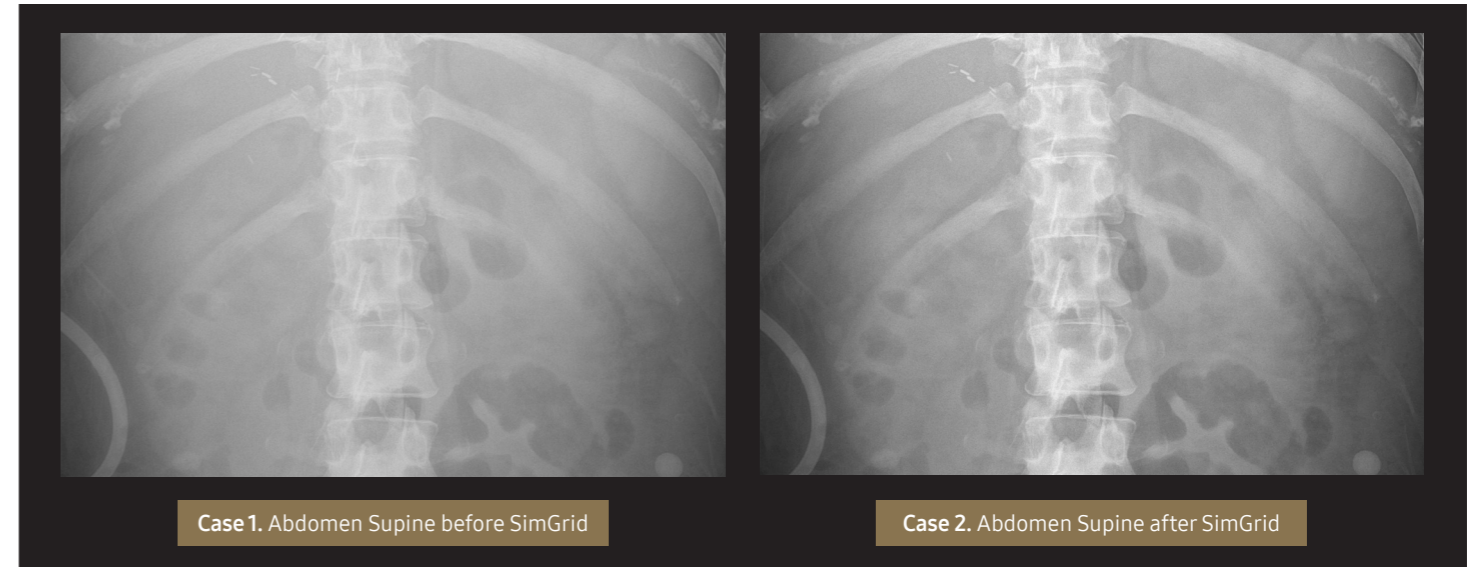
SUPERIOR IMAGE QUALITY

for advanced imaging and precise diagnoses

GM85 provides advanced patient care with diagnostic confidence through leading-edge imaging functions such as SimGrid and TLE (Tube&Line Enhancement) along with S-View and S-Detector.

SimGrid

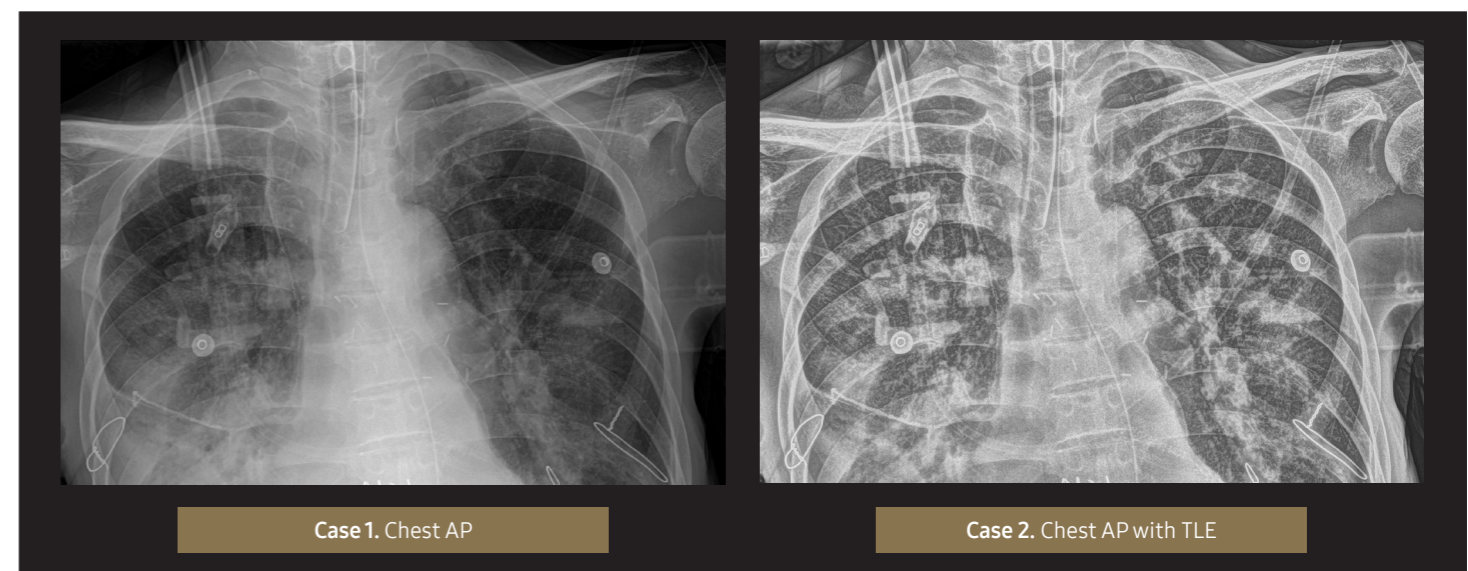
SimGrid produces superior image quality compared to images captured on systems without the use of a conventional grid through a reduction of scatter radiation effects, generating improved image contrast.



TLE*

Improve clarity of tube and line in chest images with Tube & Line Enhancement feature. With a single on-screen click, the companion image is created without additional settings or x-ray exposure, streamlining the process.

* TLE is Tube & Line Enhancement



SUPERIOR IMAGE QUALITY

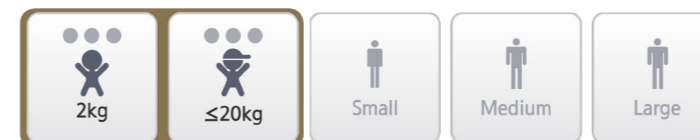
for advanced imaging and precise diagnoses

Child-friendly design stimulates pleasant imagination and provides a playful environment for both parents and children. Optimized 6-stage weight dependent imaging enables pediatric patients to avoid unnecessary x-ray exposure with precise dose management.



Pediatric Exposure Management

Patient Size



6-stage weight dependent imaging

Pediatric cover design*

* Pediatric cover design is optional

