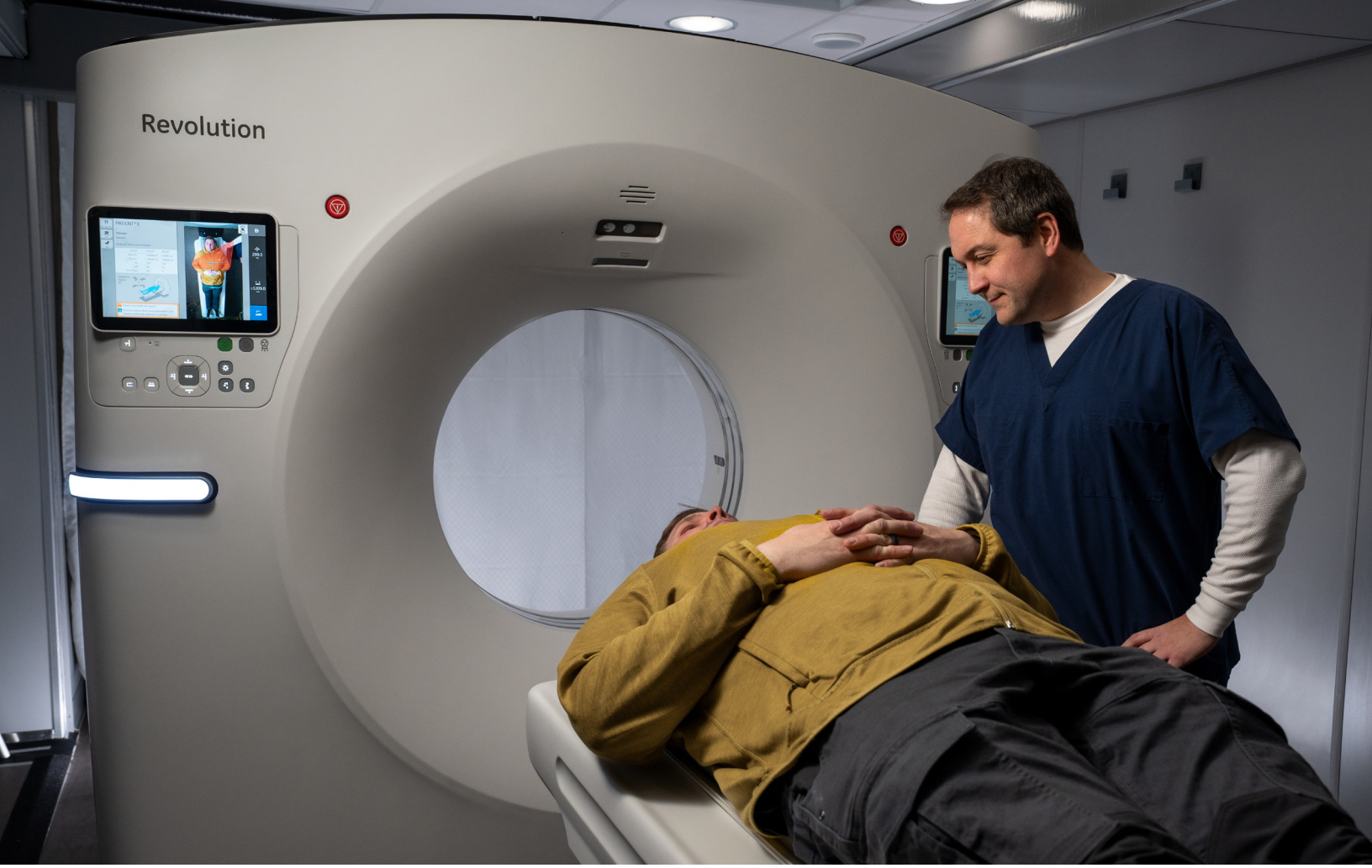

Revolution Maxima Mobile

Elevating CT performance

Revolution™ Mobile Maxima is a powerful, high-performing, and reliable CT designed to maximize every step of the workflow, making routine imaging more accessible than ever before. Setting a new standard in CT operations, our cutting-edge technology can now travel to where you need it most.

Lung cancer screening

Lung cancer screening is a process that's used to detect the presence of lung cancer in otherwise healthy people with a high risk of lung cancer. Lung cancer screening is recommended for older adults who are longtime smokers and who don't have any signs or symptoms of lung cancer.

Doctors use a low-dose computerized tomography (LDCT) scan of the lungs to look for lung cancer. If lung cancer is detected at an early stage, it's more likely to be cured with treatment.

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Core technologies

Clarity Imaging Chain

With 55/72 kW generator power for robust mA performance (480 mA – 600 mA), Revolution Maxima Mobile's Clarity Imaging Chain delivers scalable speed for varying clinical needs.

- Performix 40 Plus
  - Stable dual focal spot offers reliable, improved precision and higher throughput with "instant-on" technology
  - High cooling rate (1,070 kHU/min) accelerates acquisitions and eliminates wait time
  - 0.35 second routine rotation speed creates a faster workflow for all applications
  - High-capacity imaging powered by revolutionary Liquid Metal Bearing (7.0 MHU tube capacity) components
- Clarity Detector
  - Inherited directly from the breakthrough technology introduced on the Revolution CT
  - See small details with high-resolution imaging (0.28 mm) and 40 mm detector coverage
  - Less electronic noise for better low-signal performance

Right place, less time

100% of CT patients are prone to mispositioning, risking increased radiation dose and diminished image quality. With Revolution Mobile Maxima, AI-based Auto Positioning increases patient safety and streamlines the flow from order to report.

The problem: Mispositioning

- Unnecessary radiation exposure to patients
  - Manual centering with incorrect isocenters revealed an average dose increase of up to 38%, with an average 7.4% higher dose on a patient's neck/chest, and an average 15% higher on a patient's abdomen
- Impacted image quality
  - Just 3 cm of misalignment can increase image noise by 6%, while a 6 cm misalignment increased noise by 22%
  - An isocenter misalignment of 10 cm can result in a 22 HU density difference

The solution: Revolution Mobile Maxima

One-click, AI-based Auto Positioning facilitates precise imaging, controlled dosing, and a smoother technologist workflow, broadening the scope of CT capability with opportunities like cardiac and low-dose lung cancer screening.

Everything you need

The Revolution Mobile Maxima is poised to provide top tier CT technology with a powerful platform that evolves with your needs, no matter where you are.

- Maximized speed at full coverage (40 mm) for routine imaging
- High-resolution (0.28 mm) imaging with Smart MAR
- ASiR-V for quality images at lower doses
- Digital tilt without mechanical movement
- Organ dose modulation
- Snapshot Freeze motion correction

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