Medtronic

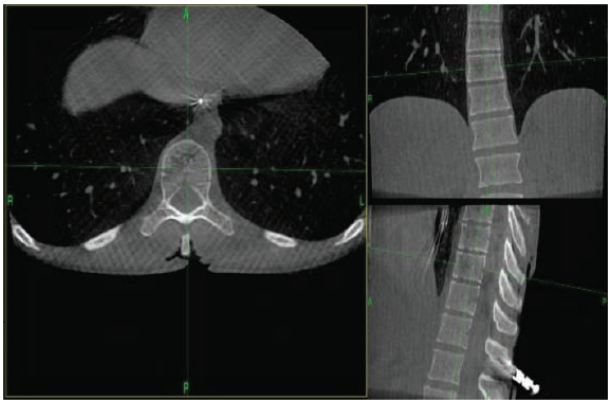
Clarity without compromise

O-arm™
Imaging System

AiBLE™ to do more

Confidence in image clarity

Powered by a 32-kw generator, the O-arm™ system allows for improved 3D image quality with obese patients and complex anatomical regions such as the cervicothoracic junction and pelvis.



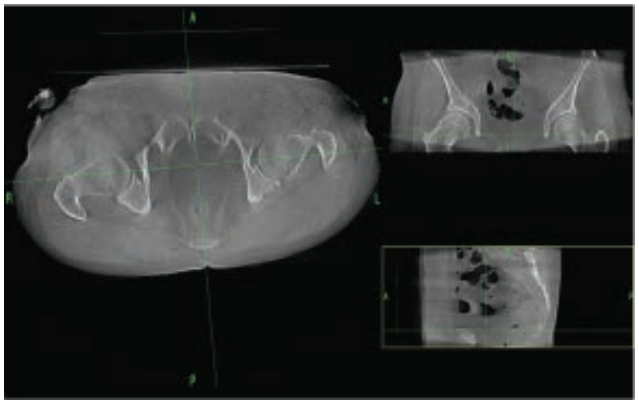
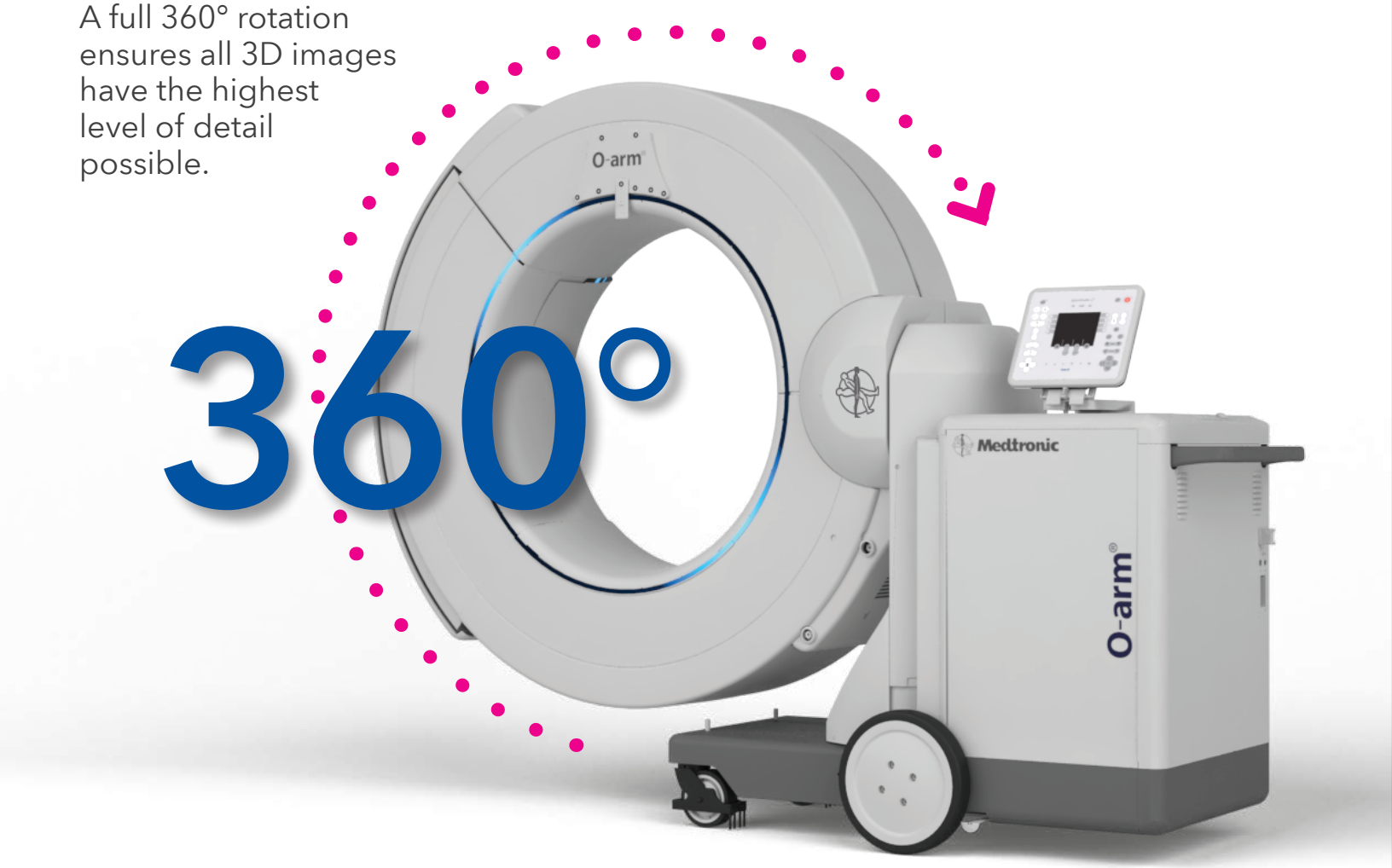
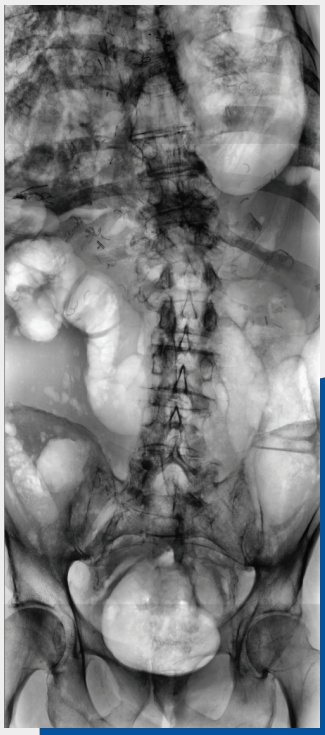


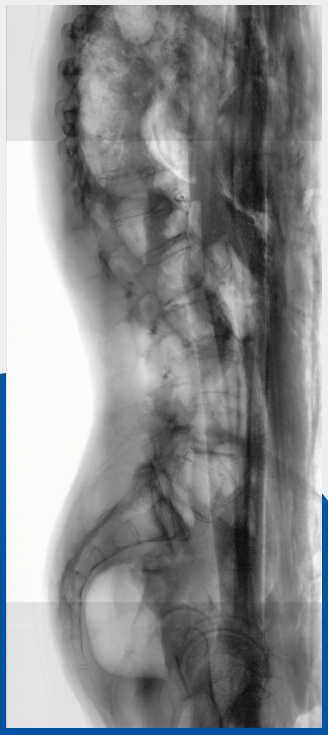
Image the patient's entire pelvis with a 40cm wide field of view.

A full 360° rotation ensures all 3D images have the highest level of detail possible.

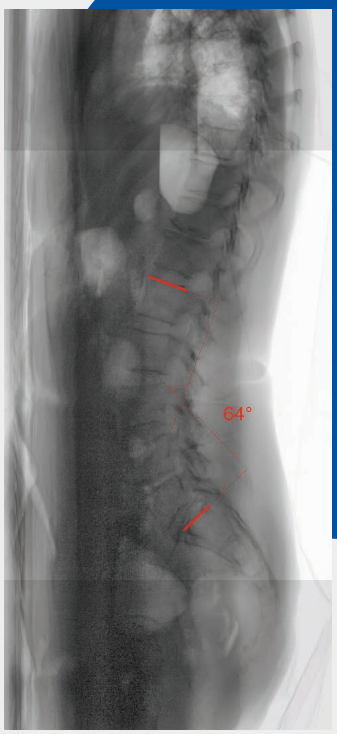


2D long film





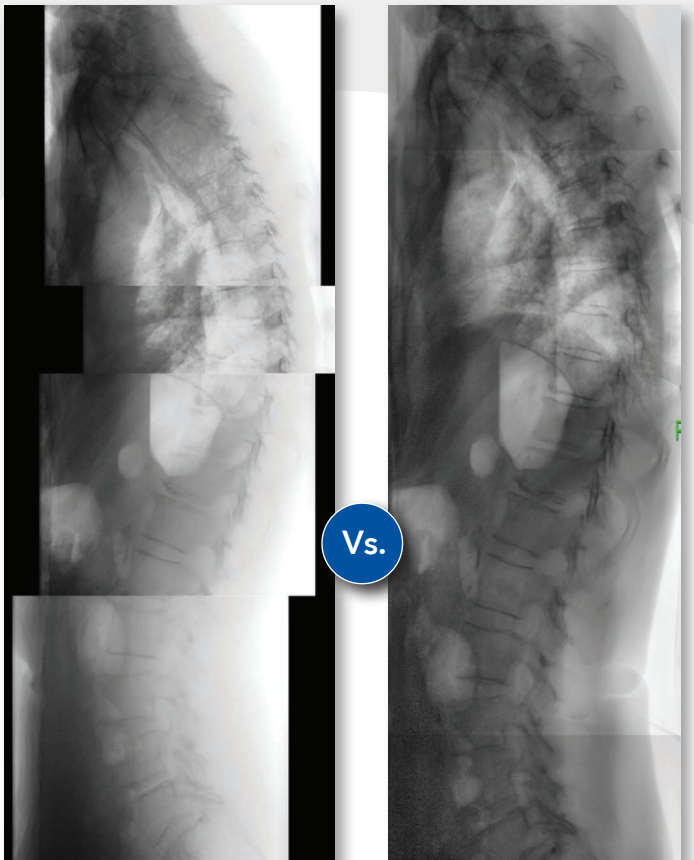
Achieve consistent image clarity up to 43cm in length with coronal and sagittal long films.



Assess intra-operative corrections relative to your surgical goals with angle measurement tools.

Clarify, correct, confirm

Compared to stitched fluoroscopic images, 2D long film reduces radiation exposure across patients of all habitus.



Source: O-arm O2 4.2.0 Clinical Equivalence Validation Report30
*The dose associated with the fluoroscopic stitched images is highly variable and depends on the duration of the exposure, number of images used to form the stitched image, and technique factor (Normal versus Boost). For this study, fluoroscopic exposures were limited to approximately 3 seconds, which was sufficiently long enough to stabilize technique factor.

Your O.R. Your workflow. No compromises.

Ensure uninterrupted operating room workflow.

Table flexibility

Lateral patient access provides flexibility in surgical table preferences.

Support concurrent cases

Simultaneously support concurrent cases with a motorized system that can easily move between operating rooms.

Protect the sterile field

An imaging chain fully contained in the gantry coupled with a large bore size ensures a wide range of patients can be imaged without disrupting the sterile field.

Seamless integration with the technology already in your O.R.

Reduce the likelihood of revision due to malpositioned hardware through intra-operative implant placement confirmation with the O-arm™ system.

Automatic StealthStation™ registration

The O-arm™ system's automatic registration with the StealthStation™ system provides an integrated and simple process to enable surgical navigation.

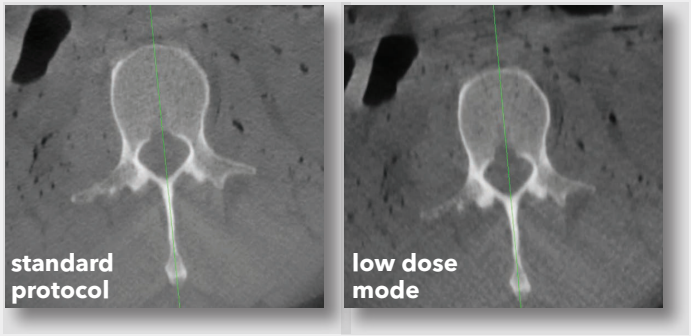
Integration with Mazor™ Robotics

Intra-operatively plan and execute spinal robotic cases with the Mazor™ system's **Scan and Plan** workflow using the O-arm™ system.

Limit dose, maximize outcomes

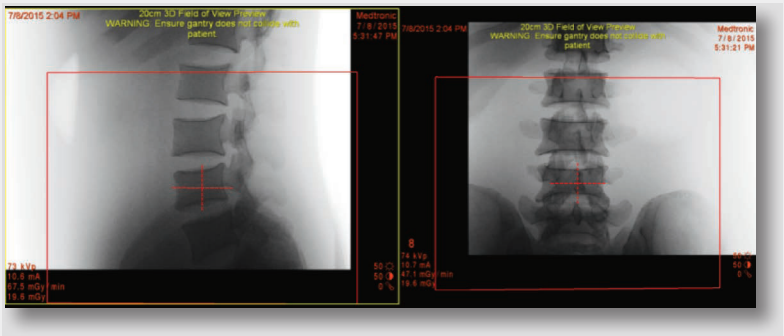
Opportunity to reduce dose

Working together, the O-arm™ and StealthStation™ systems eliminate the need to wear lead protective apparel during the navigated steps of the procedure.



Dose protocols to match your clinical objectives

O-arm™ offers multiple protocols and manual adjustment to ensure you can get the right image at the right dose.



Field of view preview

Field of view preview feature captures desired anatomy, limiting 2D exposure.

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