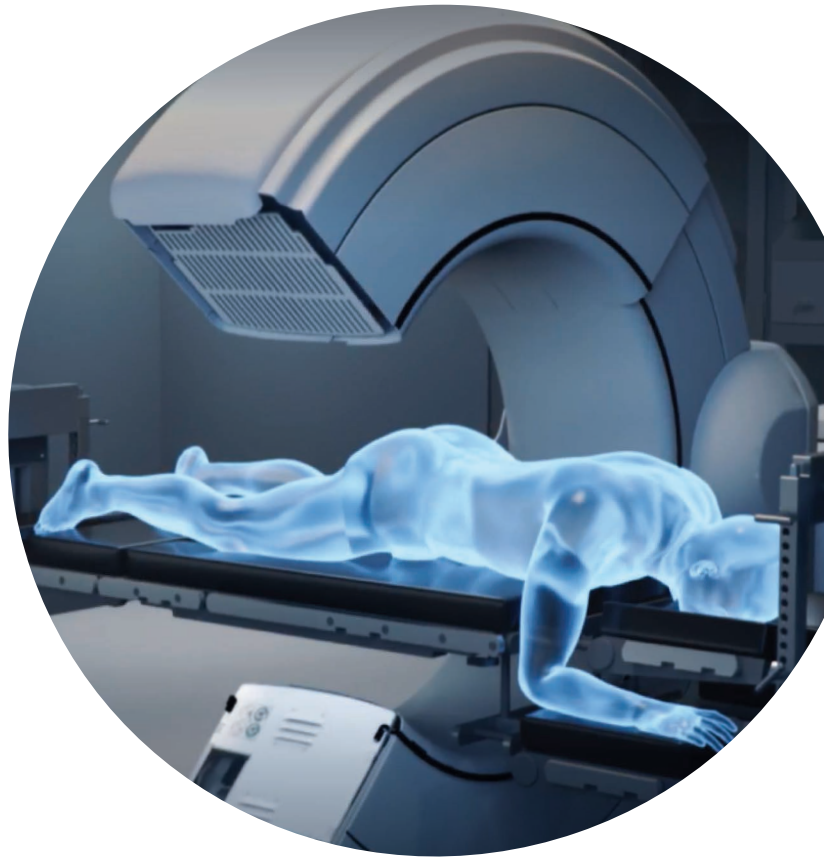


**Medtronic**

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.

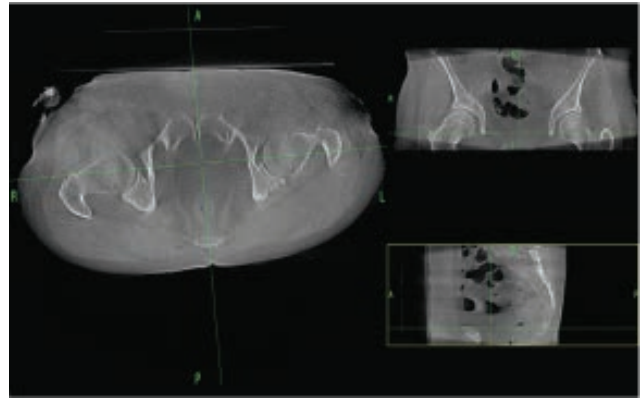
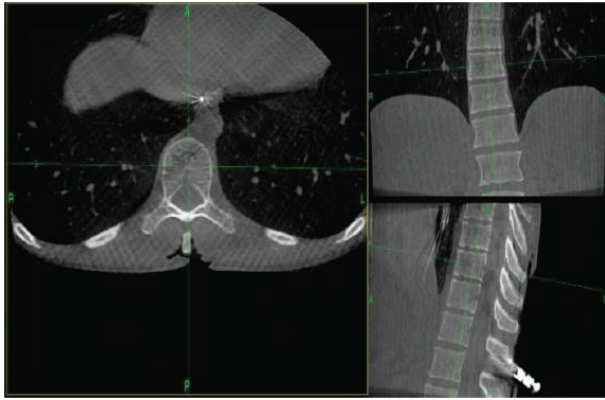
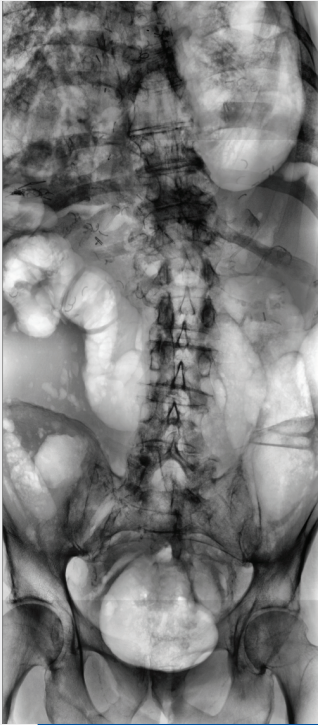


Image the patient's entire pelvis with a 40cm wide field of view.

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



# 2D long film



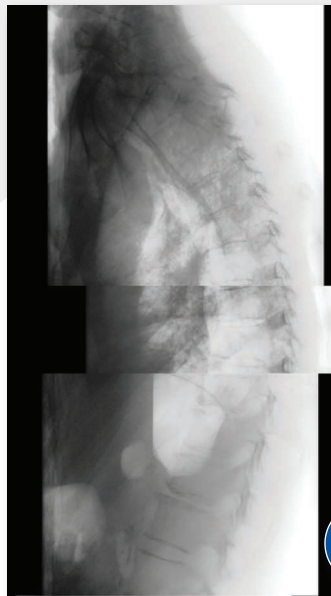
Assess intra-operative corrections relative to your surgical goals with angle measurement tools.

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

## Clarify, correct, confirm

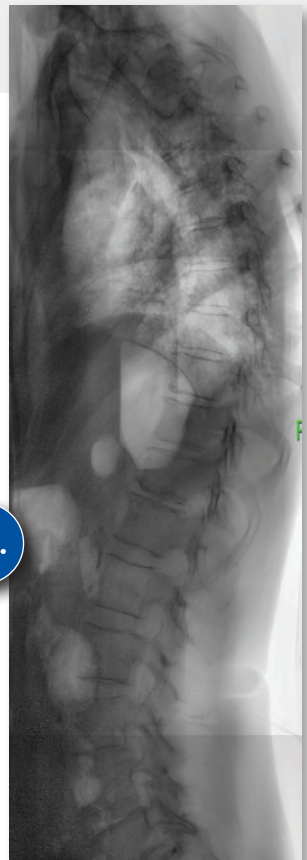
Compared to stitched fluoroscopic images, 2D long film reduces radiation exposure across patients of all habitus.

Stitched fluoroscopy



Vs.

2D long film



Source: O-arm O2 4.2.0 Clinical Equivalence Validation Report<sup>30</sup>

\*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



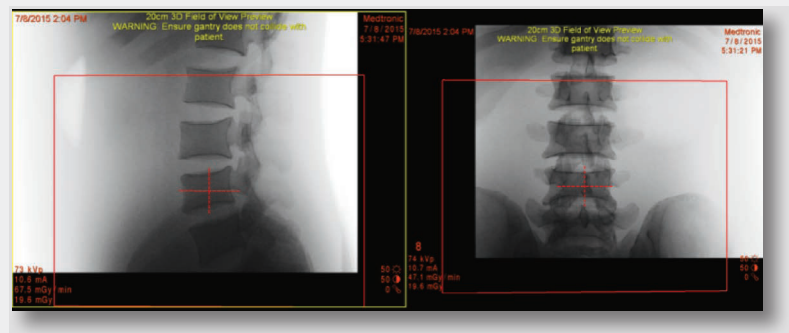
## Opportunity to reduce dose

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.

The material on this website should not be considered the exclusive source of information, it does not replace or supersede information contained in the device manual(s). Please note that the intended use of a product may vary depending on geographical approvals. See the device manual(s) for detailed information regarding the intended use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. For an MRI compatible device(s), consult the MRI information in the device manual(s) before performing an MRI. If a device is eligible for eIFU usage, instructions for use can be found at Medtronic's website manuals.medtronic.com. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser. Medtronic products placed on European markets bear the CE mark and the UKCA mark, if applicable. For any further information, contact your local Medtronic representative and/or consult the Medtronic website.

# Medtronic

India Medtronic Pvt. Ltd.  
1261, Solitaire Corporate Park,  
Andheri-Ghatkopar Link Road,  
Andheri (E), Mumbai 400093  
Tel: 022 4881 0700/701

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