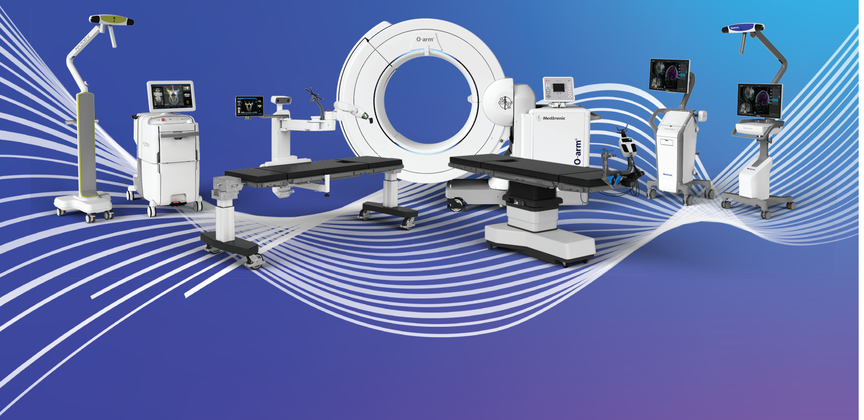
O-arm™ is part of the AiBLE™ solution



AiBLE™ to
connect

AiBLE™ to
predict

AiBLE™ to
advance

AiBLE™ is a customizable healthcare solution that integrates connected care and predictive technology to advance surgery in pursuit of better patient outcomes.

Medtronic.com/Oarm
to learn more about the O-arm™ O2 System

Medtronic.com/StealthStation
to discover how to streamline your surgical workflow for spinal procedures

Medtronic.com/Aible
to learn more about Medtronic's unified solution for spinal and cranial procedures

Medtronic.com/SpineAcademy
for educational content

O-ARM™ INDICATIONS FOR USE:
The O-arm™ O2 imaging system is a mobile x-ray system designed for 2D fluoroscopic and 3D imaging for adult and pediatric patients weighing 60 lbs or greater and having an abdominal thickness greater than 16cm and is intended to be used where a physician benefits from 2D and 3D information of anatomic structures and objects with high x-ray attenuation such as bony anatomy and metallic objects. The O-arm™ O2 imaging system is compatible with certain image guided surgery systems.

CONTRAINDICATIONS
Contraindications include:
- Active infectious process or significant risk of infection (immunocompromise).
- Signs of local inflammation.
- Fever or leukocytosis.
- Morbid obesity.
- Pregnancy.
- Mental illness.
- Grossly distorted anatomy caused by congenital abnormalities.
- Any other medical or surgical condition which would preclude the potential benefit of spinal implant surgery, such as the presence of congenital abnormalities, elevation of sedimentation rate unexplained by other diseases, elevation of white blood count (WBC), or a marked left shift in the WBC differential count.
- Suspected or documented metal allergy or intolerance.
- Any case not needing a bone graft and fusion.
- Any case where the implant components selected for use would be too large or too small to achieve a successful result.
- Any patient having inadequate tissue coverage over the operative site or inadequate bone stock or quality.
- Any patient in which implant utilization would interfere with anatomical structures or expected physiological performance.
- Any patient unwilling to follow postoperative instructions.
- Any case not described in the indications.

Nota bene: although not absolute contraindications, conditions to be considered as potential factors for not using this device include:
- Severe bone resorption.
- Osteomalacia.
- Severe osteoporosis.

STEALTHSTATION™ INDICATIONS FOR USE:
The StealthStation™ System, with StealthStation™ Spine software, is intended as an aid for precisely locating anatomical structures in either open or percutaneous neurosurgical and orthopedic procedures. Their use is indicated for any medical condition in which the use of stereotactic surgery may be appropriate, and where reference to a rigid anatomical structure, such as the spine or pelvis, can be identified relative to images of the anatomy. This can include the following spinal implant procedures, such as:
- Pedicle screw placement
- Iliosacral screw placement
- Interbody device placement

CONTRAINDICATIONS
Contraindications include:
- Active infectious process or significant risk of infection (immunocompromise).
- Signs of local inflammation.
- Fever or leukocytosis.
- Morbid obesity.
- Pregnancy.
- Mental illness.
- Grossly distorted anatomy caused by congenital abnormalities.
- Medical or surgical conditions which would preclude the potential benefit of spinal implant surgery such as the presence of congenital abnormalities, elevation of sedimentation rate unexplained by other diseases, elevation of white blood count (WBC), or a marked left shift in the WBC differential count.
- Suspected or documented metal allergy or intolerance.
- Cases not needing a bone graft and fusion.
- Cases where implant components selected for use would be too large or too small to achieve a successful result.
- Patients having inadequate tissue coverage over the operative site or inadequate bone stock or quality.
- Patients in which implant use would interfere with anatomical structures or expected physiological performance.

- Patients unwilling to follow postoperative instructions.
- Cases not described in the indications.

Nota bene: although not absolute contraindications, conditions to be considered as potential factors for not using this device include:
- Severe bone resorption.
- Osteomalacia.
- Severe osteoporosis

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.

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medtronic.com

[1] Data on File with Medtronic

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O-arm™ 4.3
Software

Medtronic imaging has reached **NEW LEVELS**

AiBLE™ to do more

O-arm™ 4.3 Software

Medtronic imaging has reached **NEW LEVELS!**

Patient imaging serves as one of the most influential elements of enabling technologies and with the O-arm™ 4.3 software, clinicians now have enhanced capabilities to support surgical objectives, focus on the patient, and gain added confidence with...

New levels of

NAVIGATION VOLUMES
DOSE REDUCTION
IMAGE CONFIRMATION

Reduce dose with...

Spine Smart Dose (SSD)

Utilizing Artificial Intelligence (AI) and approximately a quarter of the projections, SSD enables

- ~ 70% less dose when compared to Standard Dose[1]
- ~ 35% less dose when compared to Low Dose[1]

LOWEST dose mode
ever made available on the O-arm™!

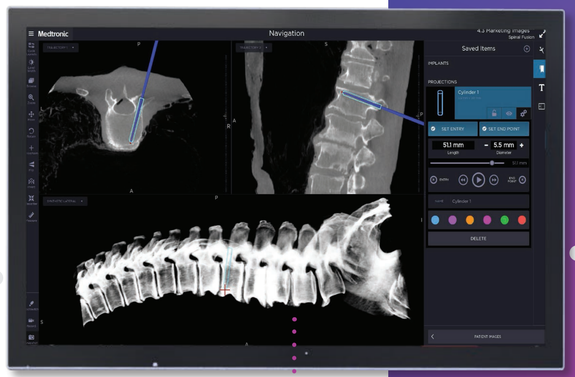
Increase navigation volumes with...

3D Long Scan (3DLS)

Leveraging StealthStation™ Navigation and the built-in robotic capabilities of the O-arm™, the navigational work volume has a range of 16cm to 43.8cm[1]

- Up to 2.7 times greater in length than a single 3D scan[1]
- Visualize and navigate more work volume with a simplified and streamlined workflow

LONGEST
3D scan length for cone beam CT imagers **in the industry![1]**

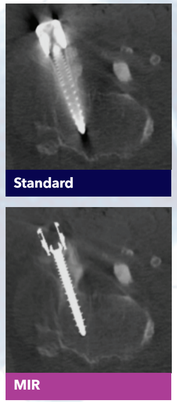


Enhance image confirmation with...

Medtronic Implant Resolution (MIR)

Activating this on-demand feature, MIR can reduce metal artifact for select Medtronic screws and enable better visibility of the bony anatomy[1]

- An improved visualization feature for select screws
- Decide when and where to make a confident decision for final screw placement



16cm — up to — 43.8cm

Individually Strong, Collectively Powerful

3D Long Scan (3x scan) with Spine Smart Dose is 23% less dose than 1 standard scan[1]

2.7x
the navigable volume

23%
less dose