



O-armTM 4.3

Software



Medtronic surgical imaging
has reached **new levels**

AiBLETM to do more

O-arm™ 4.3 Software

Medtronic
imaging has
reached **new
levels!**

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

New
levels of

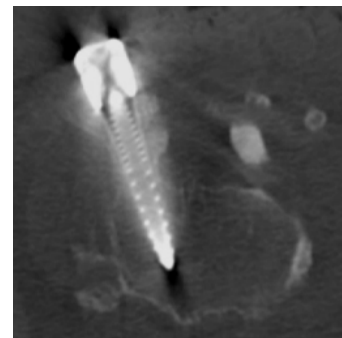
Navigation volumes
Dose reduction
Image confirmation

Enhance implant confirmation with...

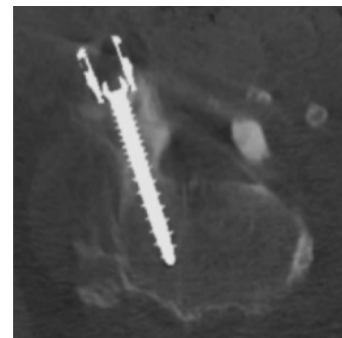
Medtronic Implant Resolution (MIR)

MIR can reduce metal artifact for selected Medtronic screws, enabling better visibility of bony anatomy¹

- An improved visualization feature for select ModuLeX™ and Infinity™ screws
- Allowing to make a confident decision for final screw placement



Standard



MIR

Reduce dose with...

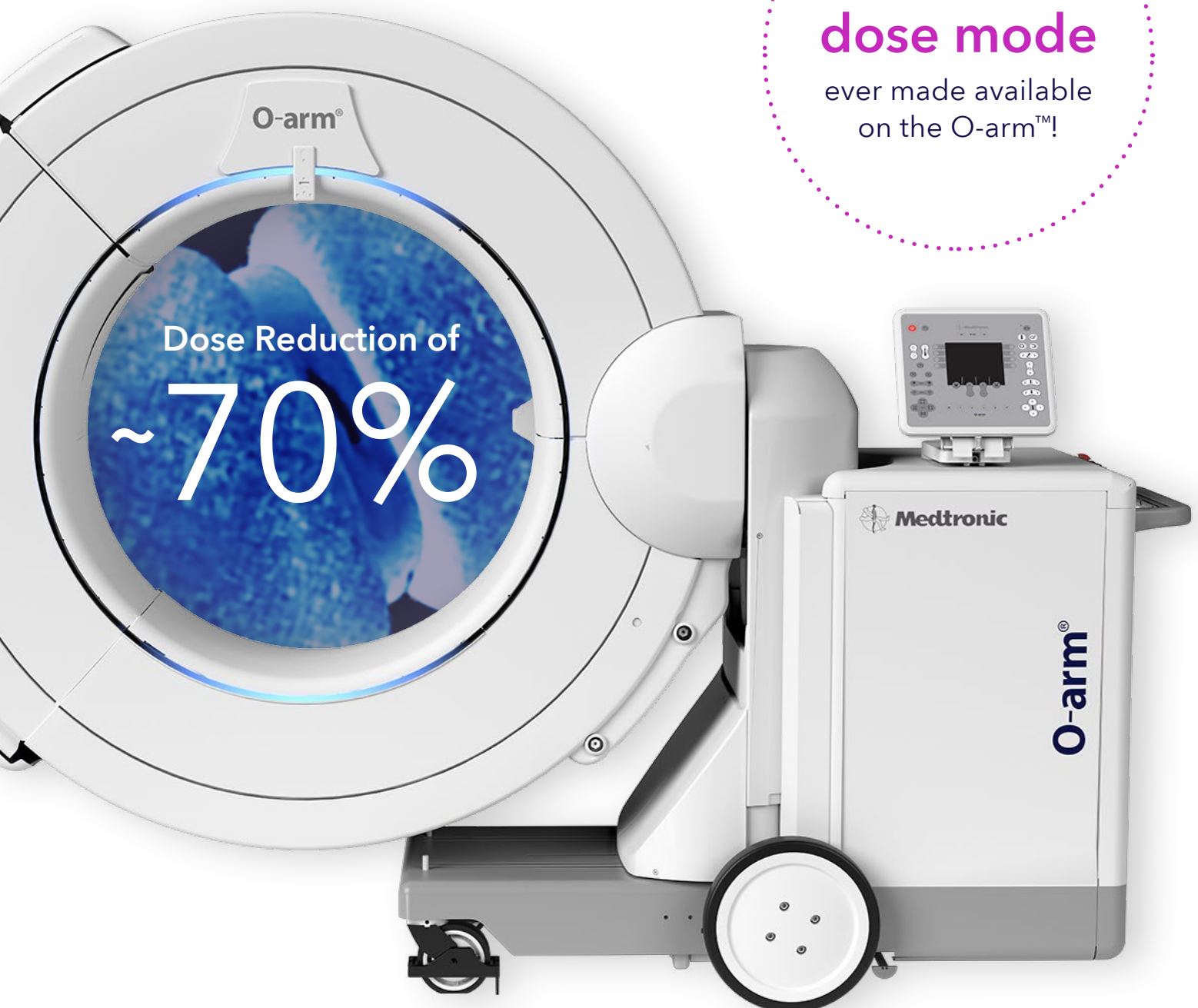
Spine Smart Dose (SSD)

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

- ~ 70% less dose when compared to O-arm™ Standard Dose¹
- ~ 35% less dose when compared to O-arm™ Low Dose¹

**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 Imaging and Navigation work volume up to 43.8 cm.¹

- Up to 2.7 times greater in length than a single 3D scan¹
- Visualize and navigate more work volume with a simplified and streamlined workflow

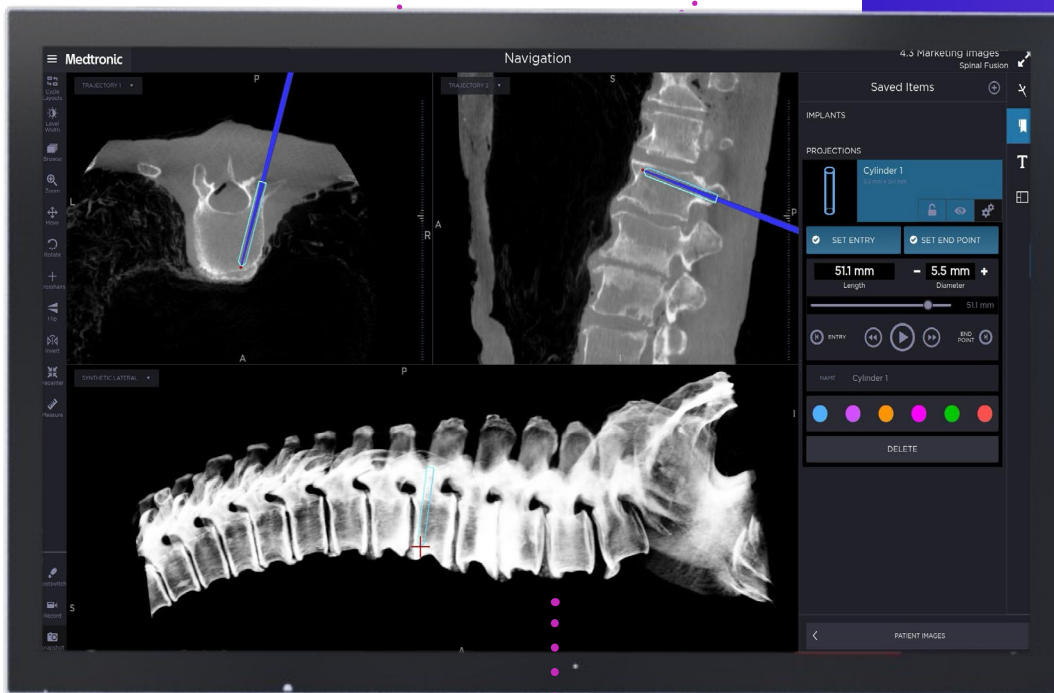
Longest
3D scan length for
cone beam CT imagers
**in the
industry!¹**

**Individually Strong,
Collectively Powerful**

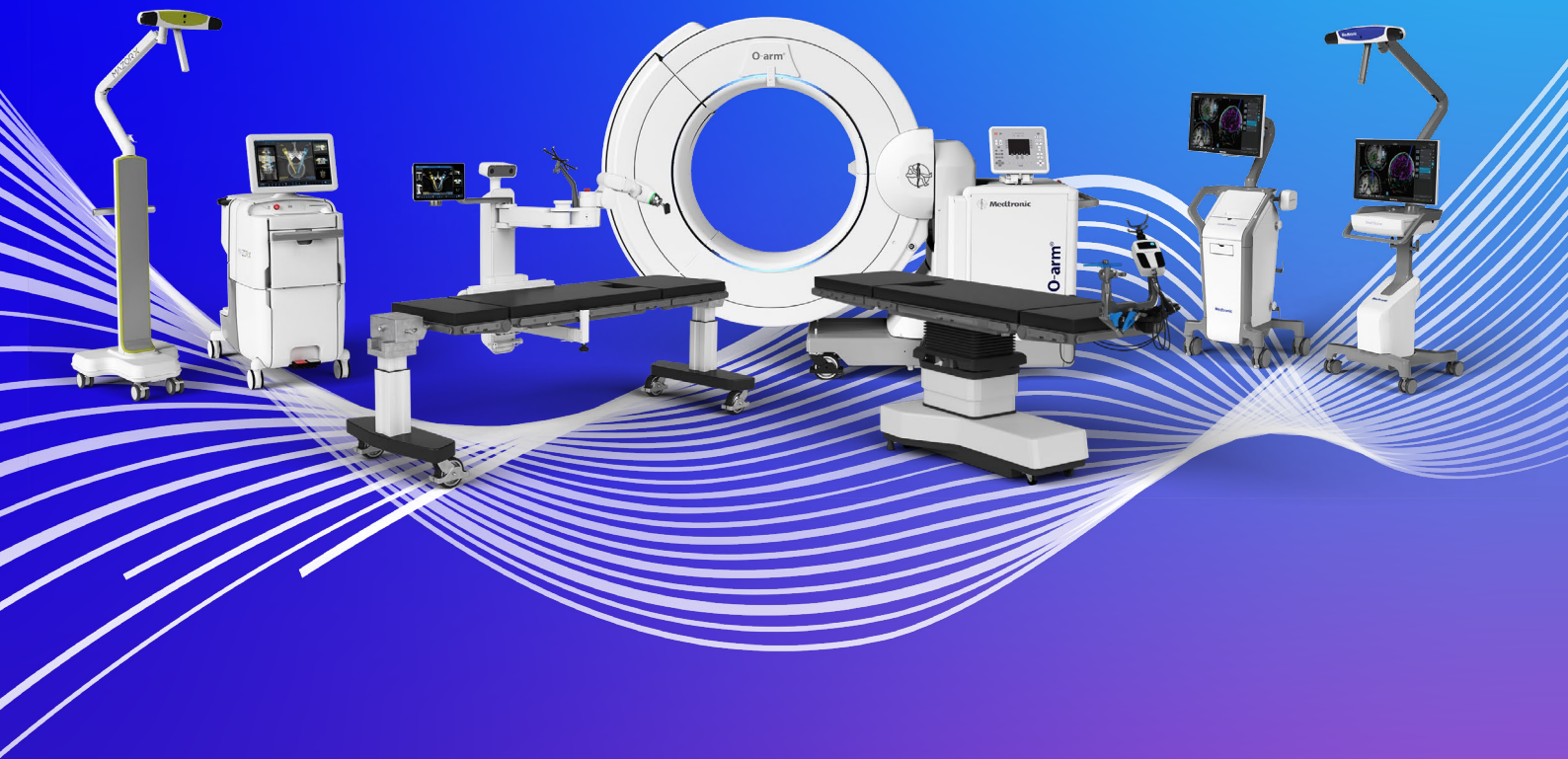
3D Long Scan (3x scan)
performed with Spine
Smart Dose is 23%
less dose than 1 single
Standard Scan¹

2.7x
the navigable volume

23%
less dose



O-arm™ is part of the AiBLE™ solution

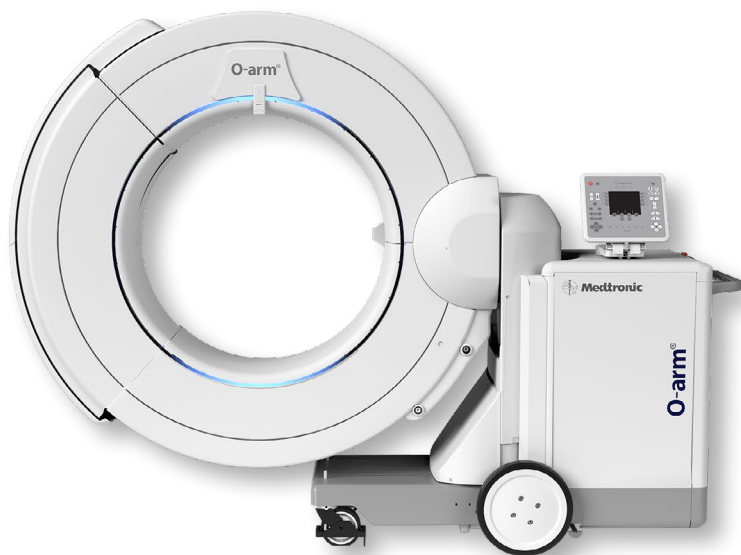


AiBLE™ to
connect

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.



O-arm™ imaging system

StealthStation™ S8 Surgical Navigation System

Learn more about
the O-arm™ O2
System

[Learn more](#)

StealthStation S8
Surgical Navigation
System

[Learn more](#)

AiBLE™ - Medtronic's
unified solution for
spinal and cranial
procedures

[Learn more](#)

Medtronic Academy:
Discover educational
content

[Learn more](#)

¹ Data on File with Medtronic.

This material 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 a 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 Medtronic's websites.

Medtronic

Europe
Medtronic International Trading Sàrl.
Route du Molliau 31
Case postale
CH-1131 Tolochenaz
Tel: +41 (0)21 802 70 00
Fax: +41 (0)21 802 79 00

2024-o-arm-4.3-o2-brochure-en-gb-emea-15066906 © 2024
Medtronic. Medtronic, Medtronic logo, and Engineering the
extraordinary are trademarks of Medtronic. All other brands are
trademarks of a Medtronic company.

[medtronic.eu](https://www.medtronic.eu)