

# Providing you with the best possible surgical care is our priority.

Our professionals leverage their knowledge and expertise to provide you with enhanced patient care every day. That's why our operating rooms include surgical robotic guidance technology for spine procedures.

## It's all about your care.

Educating yourself on why our surgeons use the technology they do — and how they use it — is important in understanding the risks and benefits of your surgery.



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#### Indications for Use

The Mazor X™ System is indicated for precise positioning of surgical instruments or spinal implants during general spinal and brain surgery. It may be used in either open or minimally-invasive or percutaneous procedures. Mazor X 3D imaging capabilities provide a processing and conversion of 2D fluoroscopic projections from standard C-Arms into a volumetric 3D image. It is intended to be used whenever the clinician and/or patient benefits from generated 3D imaging of high contrast objects.

#### Contraindications

Do not use the Mazor X system with any patient who has been diagnosed or is suspected of having Creutzfeldt-Jakob disease (CJD).

Caution: Federal Law (USA) restricts these devices for sale by or on the order of a physician. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications. Healthcare professionals must review the product technical manual prior to use for detailed disclosure. For information on Indications, Safety, and Warnings, call Medtronic at (800) 328-0810. For further information, please contact Medtronic Neurosurgery at (877) 242-9504, and/or consult Medtronic's website at [www.medtronic.com/stealthstation](http://www.medtronic.com/stealthstation). Healthcare professionals must review the product technical manual prior to use for detailed disclosure. For information on Indications, Safety, and Warnings, call Medtronic at (877) 242-9504, or visit Medtronic's website at [www.medtronic.com/mazorx](http://www.medtronic.com/mazorx). Rx only. Distributed by Medtronic, Manufactured by Mazor. Mazor X™ is a trademark of Mazor Robotics. UC201805536 EN

# Spine surgery with robotic guidance

## Understanding Robotic Guidance Technology



## Be fully informed about your surgery

Understanding how the surgical robotic guidance technology works and why it's used helps you work in partnership with your physician and surgeon to make an informed decision about your medical care.



## How surgical robotic guidance works

Your spine anatomy is what enables your posture, alignment, and movement. Our surgeons use technologies like robotic guidance to visualize and perform corrections that are created for the nuances of your individual anatomy.

Our surgeons strive to provide you with the best surgical care. That's why our team uses the Mazor X™ Robotic Guidance System, a technology that assists with precision and predictability in surgical procedures. With the combination of a computer and specialized software and instruments, our surgeons use this system to plan where and how they will operate on your spine. Then an automated robotic "arm" holds key surgical instrumentation in place for the surgeon. The robotic guidance helps your surgeon execute their plan and perform the surgery with precision.

## The Mazor X™ surgical robotic guidance platform:

- Helps your surgeon with procedure planning by providing 3D images on your anatomy.
- Provides enhanced surgical predictability with robotic guidance.
- Enables your surgeon to customize the approach to match your specific needs.

