DID YOU KNOW?

Back pain is the leading cause of disability between the ages of 19 and 45 and the second most common cause (after headaches) of missed work days. For back pain caused by disc degeneration, patients turn to their doctors who may recommend spine surgery to treat the condition. During the surgery, your surgeon may use enabling technology, such as the Mazor™ Robotic Guidance Platform, to help ensure precise placement of implants that may be used to support your spine.

References

Medtronic
Medtronic Spinal and Biologics Business Worldwide Headquarters
2600 Sofamor Danek Drive
Memphis, TN 38132

Medtronic Sofamor Danek USA, Inc.
1800 Pyramid Place
Memphis, TN 38132
(901) 396-3133
(800) 876-3133
Customer Service: (800) 933-2635
medtronic.com/SpineRobotics

Please see the package insert for the complete list of indications, warnings, precautions, and other important medical information.

Consult instructions for use at this website: www.medtronic.com/manuals.

Note: Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

Caution: U.S.A. law restricts this device for sale by or on the order of a physician.

© 2020 Medtronic. All rights reserved. Medtronic, Medtronic, Medtronic logo and Further, Together are trademarks of Medtronic. All other brands are trademarks of a Medtronic company. UC202112904EN
What is Spinal Fusion?

Spinal fusion is a surgical procedure where spinal implants, such as rods and screws, are placed on the spine with a goal of bridging two or more spinal vertebrae together, immobilizing them in order to prevent nerve irritation and instability. The procedure is used to treat broken vertebra, a spinal deformity, spinal weakness, or spinal instability.

What type of surgery is needed for spinal fusion?

Surgeons sometimes perform this procedure using an "open" technique, creating an incision that provides a direct line-of-sight to the vertebra, which simplifies the process of inserting the bone graft and implants. Minimally Invasive Surgery (MIS) uses smaller incisions and usually results in a shorter hospital stay. MAZOR robotic-guidance technology is designed to facilitate open and MIS procedures using computerized software that allows your surgeon to plan the placement of your spinal implants before your surgery.

Ask your doctor about spinal fusion surgery with the Mazor™ Robotic Guidance Platform.

This therapy is not for everyone. Please consult your physician. A prescription is required. For further information, please call Medtronic at 800-876-3133.

What are the potential advantages of spinal fusion with Mazor™ Robotic Guidance Platform?

In both open and minimally invasive (MIS) spinal procedures, surgical robotics allow your surgeon to:

- plan your surgery in advance using x-ray images of your unique spinal anatomy
- use navigated robotic guidance to precisely place implants into your spine

What are the possible risks of spinal surgery?

As with any surgery, spinal surgery is not without risk. Consult your physician for a complete list of indications, warnings, precautions, adverse events, clinical results, and other important medical information. A potential risk of spinal fusion is failure of the vertebral bone and graft to fuse properly, a condition that may require additional surgery. Potential risks associated with minimally invasive procedures include:

- Neurological damage
- Damage to the surrounding soft tissue
- Instrument malfunction
- Longer operation times
- Having to transition to an open procedure