

What Patients Should Know About Mazor Robotics



Who is Mazor Robotics?

Mazor Robotics is a medical device company dedicated to the development of innovative surgical guidance systems for spine procedures that provide a safer surgical environment for patients, surgeons, and operating room staff. Mazor Robotics Renaissance™ Guidance System is transforming spine surgery from freehand to highly-accurate, state-of-the-art procedures that raise the standard of care with better patient outcomes.¹

Mazor Robotics systems have been successfully used in over 3,500 procedures in the United States, Europe and Asia. Numerous peer-reviewed publications and presentations at leading scientific conferences have validated the accuracy, usability, and clinical advantages of Mazor Robotics technology.



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"When I started coming to after surgery, all I could think about [was]...there was no pain."
- Floyd Goodloe // Patient



"I had my surgery in June 2010 and about six months later, I went back to pole vaulting."
- Danielle Penk // Patient



"It's an extra safety factor that is going to be a QUANTUM LEAP in neurosurgical technology."
- George Martin, MD, FAANS // Neurosurgeon

Why choose Mazor Robotics Renaissance™ for Spine Surgery?

If you are one of the many that suffer from a debilitating spinal condition such as scoliosis, degenerative disc disease, herniated disc, kyphosis, or spondylolisthesis, you may be a candidate for spine surgery with Mazor Robotics Renaissance.

With Mazor Robotics Renaissance, surgeons plan before entering the operating room and then implement – with unparalleled precision – providing consistent results and optimal outcomes for patients.

Surgical treatment of the spine requires planning and precision; and each patient's anatomy has unique challenges. Surgery with Mazor Robotics Renaissance provides increased safety and precision for a wide variety of spine procedures, and in some cases, allows for minimally-invasive surgery.



Independent clinical research has shown that minimally-invasive surgery with Mazor Robotics technology: ^{1,2,3}

- » Increases accuracy
- » Lowers complication rates
- » Reduces postoperative pain
- » Enables faster recovery and return to daily activities

What Others Are Saying

Scan here to watch what patients and physicians are saying about Mazor Robotics technology for spine surgery.



Renaissance
From Art to State of the Art



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1. Kantelhardt, SR, Martinez R, Baerwinkel S, Burger R, Giese A, Rohde V. Perioperative course and accuracy of screw positioning in conventional, open robotic-guided and percutaneous robotic-guided, pedicle screw placement. Eur Spine J. 2011;20(6):860-868. doi:10.1007/s00586-011-1729-2.
2. Pechlivanis I, Kiriyanthan G, Engelhardt M, et al. Percutaneous placement of pedicle screws in the lumbar spine using a bone mounted miniature robotic system, first experiences and accuracy of screw placement. Spine. 2009;34(4):392-398.
3. Devito, DP, Kaplan, L, Dietl R, et al. Clinical acceptance and accuracy assessment of spinal implants guided with SpineAssist surgical robot: retrospective study. Spine. 2010;35(24):2109-2115.

While results from peer-reviewed clinical studies demonstrate positive patient outcomes with Mazor Robotics Renaissance™, individual results may vary. Discuss all health problems and treatment options with your doctor before deciding on surgery. This content is designed for general patient educational and information purposes only and does not render medical advice or professional services.

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