

Medtronic

Mazor™ Robotic Guidance

Predictability.
Precision.
Visibility.





Predictability of Planning

The Mazor™ robotic guidance system allows for pre-operative or intra-operative planning. With features such as customizable implant selection, versatile implant trajectories and 3D analytics, planning allows you to work towards construct optimization and make the procedure predictable.

Precision of Robotic Guidance

State of the art registration and mechanical stability are critical to establish robotic precision. The Mazor™ platform secures a rigid fixation to the patient's spine. Registration is achieved using Scan & Plan with O-arm™ system or CT-to-Fluoro. With CT-to Fluoro, each vertebral body is registered independently using Mazor™ segmental merge, matching each segmented 3D vertebrae model, captured in the CT, to its actual position on the table, detected in the X-ray image.

Visibility of Navigation

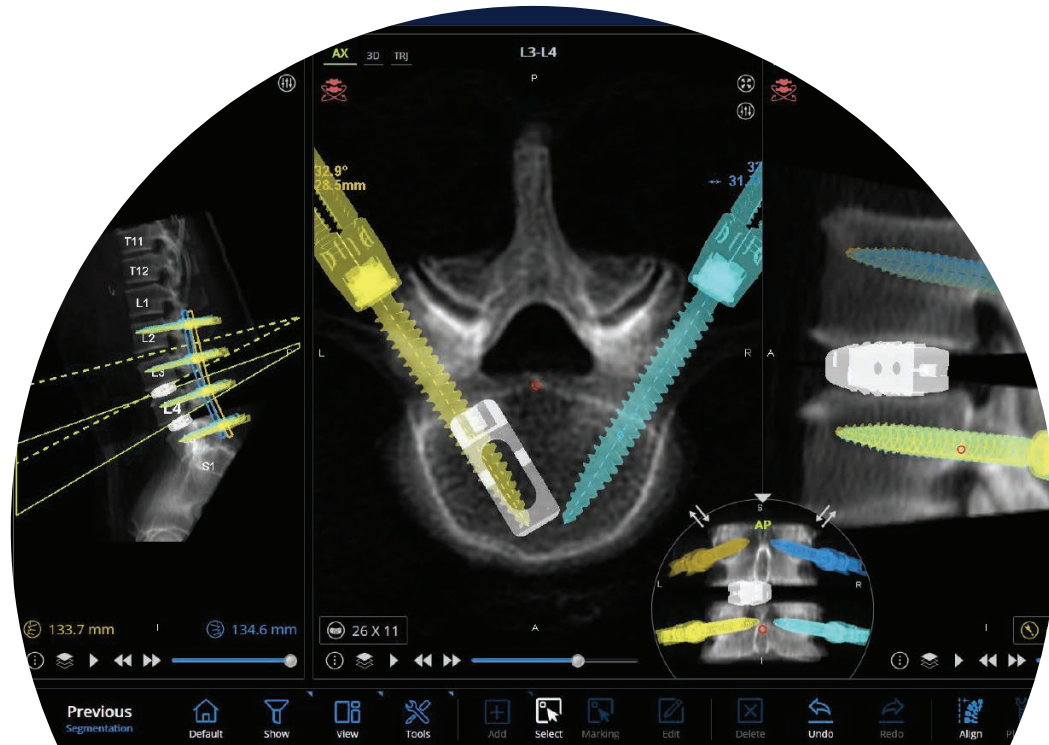
Based on decades of experience, Stealth™ Navigation technology allows for real-time visualization of the implant entering the anatomy relative to the pre-operative plan. Execute the procedure intra-operatively by combining two guidance technologies in a comprehensive platform that helps you achieve your surgical goals with confidence. Navigation provides the visibility that closes the loop on the execution of the plan.

Predictability. Precision. Visibility.

The strength of Mazor™

Complete construct design

Visualize and optimize spinal elements in relation to one another with Automatic Anatomy recognition. An enhanced interface delivers **fast and seamless** access to plan and simulate your cages and screws – planning is now more efficient and intuitive than ever.



The power of Midas Rex™

The Midas Rex™ High Speed Drill Systems are now fully integrated throughout your Mazor™ procedure.

Starting with pilot hole creation, Midas Rex™ Mazor™ attachments are designed to minimize the potential for skiving at **speeds up to 75,000 rpm.***

* Based on Bench performance testing

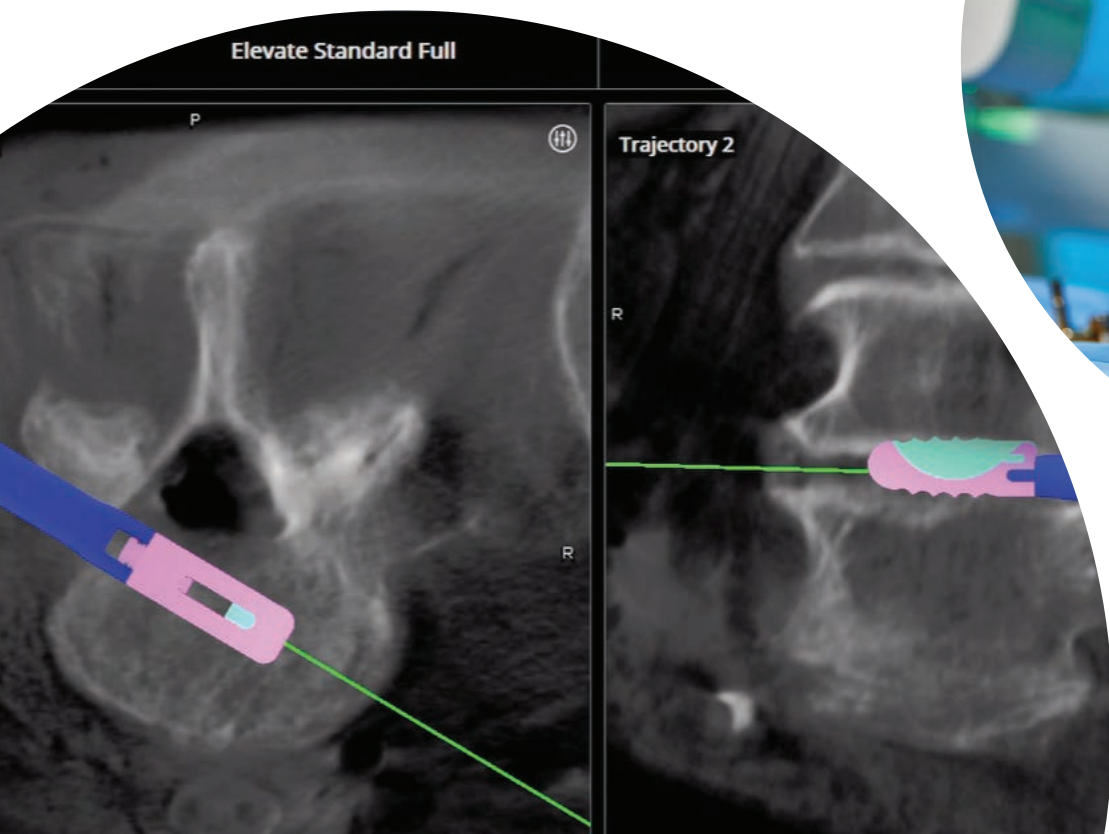


Follow the path created with the Midas Rex™ drill, with your robotically guided tap and **pedicle screw insertion**. With CD Horizon™ Solera™ ATS screw system, make it a two-step process by bypassing the tap.

Robotically guided instrumentation

The confidence of access & interbody navigation

Visualize the reach of your disc prep and interbody placement instruments - now without the use of intraoperative fluoroscopy.



Stealth-Midas™ free hand navigation option added to the Mazor™ Scan and Plan robotic workflow.

Navigate with ease - and precision.

Relentless innovation.
Seamless integration.





INDICATIONS:

The Mazor X™ system is indicated for precise positioning of surgical instruments or spinal implants during general spinal surgery. It may be used in either open or minimally invasive or percutaneous procedures. Spinal implants are limited for use in certain disease states and spinal procedures.

The Stealth-Midas™ system and The Midas Rex™ Attachments and Dissecting Tools for Mazor™ system are indicated for the incision/cutting, drilling, burring, and removal of hard tissue and bone in open and minimally invasive spine procedures.

For instruments and implant-specific indications, contraindications, warnings, precautions, and other medical information please see the package inserts for the respective product(s). An electronic version of the package insert may be found at www.medtronic.com/manuals.

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