

## Spinal Robotic Surgery Debate at ISASS Advanced MIS Course in Las Vegas; Dr. Isador Lieberman reaches 250 Mazor Robotics case milestone

ORLANDO, Fla., January 30, 2014 – Last week, Dr. Isador Lieberman of Texas Back Institute gave a podium presentation on robotic technique for spine surgery with [Mazor Robotics Renaissance® Guidance System](#) to attendees of the International Society for the Advancement of Spine Surgery (ISASS) Advanced MIS Course in Las Vegas, Nev. The lecture was part of a debate on the application of robotics and navigation in spine surgery. Dr. Antonio Castellvi of Florida Orthopaedic Institute also contributed to the debate and presented results of his Renaissance case series during the course.

Prior to the conference, Dr. Lieberman reached a milestone of 250 spine surgery cases with Mazor Robotics technology.

“I use the Renaissance system because it really does facilitate a more efficient and more accurate surgical procedure,” said Dr. Lieberman. “The Renaissance system is an integral part of my practice.”

In Dr. Lieberman’s presentation at the ISASS course, he included a review of the [study published in European Spine Journal](#) last year that concluded 98.9 percent accuracy when implanting pedicle screws using the Renaissance system in 101 consecutive cases.<sup>1</sup> Ninety percent of the sample group had severe deformity and/or previous spine surgery that failed to correct the condition.

Historically, extreme curves and abnormalities of the spine can pose a significant challenge to surgeons when placing implants. With the Renaissance system’s virtual 3D planning software, the surgeon can better anticipate these obstacles and a solution can be determined before even entering the operating room (watch “[How it Works](#)”).

Dr. Antonio Castellvi presented on the placement of 103 screws in his first 12 Renaissance percutaneous procedures (97.1 percent accuracy), proving the advantages of using the Renaissance system in [minimally-invasive spine surgery](#) cases and the reproducibility of outcomes early in the learning curve.

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## About Mazor

Mazor Robotics (TASE: MZOR; NASDAQGM: MZOR) believes in healing through innovation by developing and introducing revolutionary robotic-based technology and products aimed at redefining the gold standard of quality care. Mazor Robotics Renaissance® Guidance System enables surgeons to conduct spine and brain procedures in a more accurate and secure manner. For more information, please visit [www.MazorRobotics.com](http://www.MazorRobotics.com).

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