

Excelsius™ Technologies



Plan and Navigate Interbody Solutions



Cranial Solutions Application



Single Position Lateral Screw Placement

Are you ready to be a robotics leader in healthcare? Excelsius™ Technology is Globus Medical’s advanced ecosystem solution designed to enhance safety and improve efficiency for patients, staff, and surgeons in the OR.

Offer your patients the most innovative surgical solutions and build a smarter OR with Excelsius™ Technology.

ExcelsiusGPS® REVOLUTIONARY ROBOTIC NAVIGATION

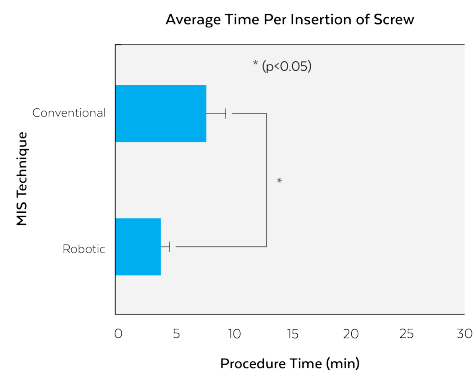
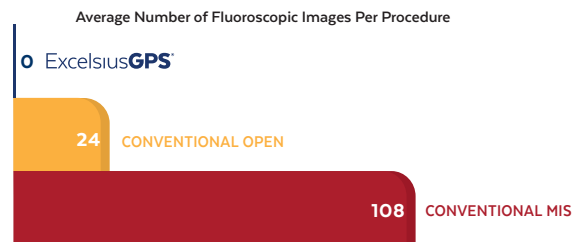
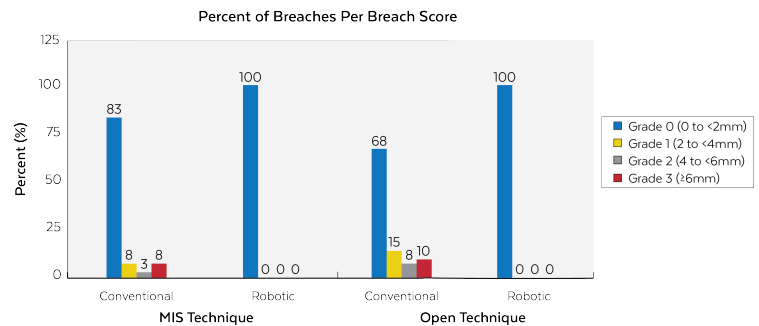
- **Multifunctional Robotic Navigation System** with spine, interbody, and cranial applications
- **Imaging Versatility** offers preoperative CT, intraoperative CT, and intraoperative fluoroscopy workflows
- **Unique Real Time Information** provides safety redundancies to maintain navigational integrity

With combined navigation and robotics, ExcelsiusGPS® enables more accurate screw placement, and may reduce radiation exposure and time spent in the OR compared to conventional procedures. The integrated movement monitoring and visualization features make ExcelsiusGPS® the most comprehensive robotic navigation platform on the market.

ExcelsiusGPS® is an open and adaptable system for both common and complex spine procedures – from LLIF and TLIF to deformity and cervical.

CLINICAL EVIDENCE

In a cadaveric study evaluating pedicle screw placement accuracy, placement time, and radiation dose, 10 surgeons with 2-23 years of experience placed a total of 160 pedicle screws with ExcelsiusGPS® and conventional techniques across MIS and open approaches¹:



¹ Vaccaro, A. R. et al. ExcelsiusGPS® Robotic Navigation Platform Improves Screw Accuracy and Reduces Radiation Exposure Compared to Conventional Fluoroscopic Techniques in a Simulated Surgical Model. White paper (GMWP51). Globus Medical, Inc. (April 2018).