



New clinical data demonstrates the versatility of Globus Medical's ExcelsiusGPS®

May 23, 2019

Study reviews 100 cases demonstrating 99% pedicle screw placement success rate

AUDUBON, Pa., May 23, 2019 (GLOBE NEWSWIRE) -- Globus Medical (NYSE: GMED), a leading musculoskeletal solutions company today announced the results of a clinical study that evaluated the versatility of ExcelsiusGPS® Robotic navigation system compared to traditional pedicle screw placement techniques. Published in the Journal of Robotic Surgery, "Robotic-assisted navigated minimally invasive pedicle screw placement in the first 100 cases at a single institution," demonstrated a 99% screw placement success rate with no malpositions or postoperative returns to the O.R. related to screw placement.

The study explored how the ExcelsiusGPS® advanced navigated robotic technology combines the ability to use three imaging workflows (preoperative CT, intraoperative CT, and fluoroscopy) with navigation and guidance to accurately place pedicle screws with real-time feedback. A total of 562 lumbar pedicle screws were placed across six vertebral levels during 55 single-position lateral, 16 anterior, and 29 posterior interbody fusion cases, highlighting the versatility of the system for various approaches. Interbody placement was performed manually.

"This study highlights the system's capability to transform the way lateral surgery is performed. ExcelsiusGPS® enables surgeons to perform minimally invasive screw fixation with the patient remaining in the lateral position compared to traditional lateral approaches where the patient is intraoperatively repositioned prone," says Kade T. Huntsman, M.D., Orthopaedic Spine Surgeon at Salt Lake Orthopaedic Clinic in Salt Lake City, Utah. "Eliminating patient repositioning may lead to increased operational efficiency, cost savings, and improved patient outcomes."

To access a link to the full journal article and learn more about how ExcelsiusGPS® is transforming spinal surgery, please visit ExcelsiusGPS.com.

About Globus Medical, Inc.

[Globus Medical](http://www.globusmedical.com), Inc. is a leading musculoskeletal solutions company based in Audubon, PA. The company was founded in 2003 by an experienced team of professionals with a shared vision to create products that enable surgeons to promote healing in patients with musculoskeletal disorders. Additional information can be accessed at <http://www.globusmedical.com>.

Safe Harbor Statements

All statements included in this press release other than statements of historical fact are forward-looking statements and may be identified by their use of words such as "believe," "may," "might," "could," "will," "aim," "estimate," "continue," "anticipate," "intend," "expect," "plan" and other similar terms. These forward-looking statements are based on our current assumptions, expectations and estimates of future events and trends. Forward-looking statements are only predictions and are subject to many risks, uncertainties and other factors that may affect our businesses and operations and could cause actual results to differ materially from those predicted. These risks and uncertainties include, but are not limited to, factors affecting our quarterly results, our ability to manage our growth, our ability to sustain our profitability, demand for our products, our ability to compete successfully (including without limitation our ability to convince surgeons to use our products and our ability to attract and retain sales and other personnel), our ability to rapidly develop and introduce new products, our ability to develop and execute on successful business strategies, our ability to comply with changing laws and regulations that are applicable to our businesses, our ability to safeguard our intellectual property, our success in defending legal proceedings brought against us, trends in the medical device industry, general economic conditions, and other risks. For a discussion of these and other risks, uncertainties and other factors that could affect our results, you should refer to the disclosure contained in our most recent annual report on Form 10-K filed with the Securities and Exchange Commission, including the sections labeled "Risk Factors" and "Cautionary Note Concerning Forward-Looking Statements," and in our Forms 10-Q, Forms 8-K and other filings with the Securities and Exchange Commission. These documents are available at www.sec.gov. Moreover, we operate in an evolving environment. New risk factors and uncertainties emerge from time to time and it is not possible for us to predict all risk factors and uncertainties, nor can we assess the impact of all factors on its business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. Given these risks and uncertainties, readers are cautioned not to place undue reliance on any forward-looking statements. Forward-looking statements contained in this press release speak only as of the date of this press release. We undertake no obligation to update any forward-looking statements as a result of new information, events or circumstances or other factors arising or coming to our attention after the date hereof.

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Source: Globus Medical