

Medtronic Announces U.S. Commercial Launch of Mazor X Stealth(TM) Edition for Robotic-Assisted Spine Surgery

First U.S. Patients Treated Using Mazor X Stealth(TM) Edition at Norton Healthcare and Reston Hospital Center

DUBLIN - January 28, 2019 - Medtronic plc (NYSE:MDT) today announced the first U.S. patients treated with the Mazor X Stealth(TM) Edition for spine surgery following its recent commercial launch. The Mazor X Stealth Edition offers a fully-integrated procedural solution for surgical planning, workflow, execution and confirmation. The system was first used at Norton Healthcare in Louisville, Ky., and Reston Hospital Center in Reston, Va.

"It is rare that huge sectors of technology such as robotics and navigation merge into a sole platform as found in the Mazor X Stealth Edition. Combined, these may provide more predictable and reliable execution of our procedure workflows," remarked Jeffrey Gum, M.D., orthopedic spine surgeon at Norton Leatherman Spine. "Computerized surgical planning, 3-D assessment of spine anatomy, robotic guidance and live navigation feedback are designed to provide a higher degree of accuracy throughout the surgical procedure."

Co-developed between Medtronic and the recently acquired Mazor Robotics, the Mazor X Stealth Edition seamlessly incorporates Stealth(TM) software technology into the Mazor X(TM) robotic-assisted surgery platform to deliver workflow predictability and flexibility through real-time image guidance, visualization and navigation informed by interactive 3-D planning and information systems.

"The marriage of robotics and navigation represents the future of computerized planning and execution in spine surgery. Robotics and navigation have both been shown to improve accuracy and precision in spine surgery," commented Christopher R. Good, M.D. F.A.C.S., spine surgeon at Reston Hospital Center, director of Scoliosis & Spinal Deformity and president of The Virginia Spine Institute. "The Mazor X Stealth Edition is a revolutionary new technology that uses cutting-edge software to plan the surgical procedure, then uses a robotic arm to guide implants and instruments through the steps of the surgical procedure with precision, while simultaneously using real-time imaging feedback to ensure the plan is being carried out as desired."

The Mazor X Stealth Edition was cleared by the U.S. Food and Drug Administration (FDA) in November 2018. The system is now available in the U.S. and is expected to launch in key regions throughout the year.

"As part of our Surgical Synergy strategy, we believe Mazor X Stealth Edition will accelerate the advancement and adoption of robotic-assisted and navigated surgical technologies in spine," said Geoff Martha, executive vice president and president of the Restorative Therapies Group at Medtronic. "Medtronic is committed to transforming the future of spine care by offering procedural solutions that integrate implants, biologics and enabling technologies like navigation, 3-D imaging, robotics and powered surgical tools."

About Medtronic

Medtronic plc (www.medtronic.com), headquartered in Dublin, Ireland, is among the world's largest medical technology, services and solutions companies - alleviating pain, restoring health and extending life for millions of people around the world. Medtronic employs more than 86,000 people worldwide, serving physicians, hospitals and patients in more than 150 countries. The company is focused on collaborating with stakeholders around the world to take healthcare Further, Together.

Any forward-looking statements are subject to risks and uncertainties such as those described in Medtronic's periodic reports on file with the Securities and Exchange Commission. Actual results may differ materially from

anticipated results.

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