Medtronic News

Medtronic Launches the Infinity(TM) OCT Spinal System

GLOBE NEWSWIRE via COMTEX) --System is Fully Integrated with Medtronic's Market-Leading Imaging and Navigation Technology to Transform Posterior Cervical Spine Surgery

DUBLIN and LOS ANGELES - September 25, 2018 - Medtronic plc (NYSE:MDT) today announced the U.S. launch of the Infinity(TM) Occipitocervical-Upper Thoracic (OCT) System designed to simplify posterior cervical spine surgery. The Infinity OCT System is a complete procedural solution that integrates navigation and biologics with Medtronic's comprehensive devices and instrumentation to create efficiency in fusion procedure workflows for the upper back and neck. The announcement was made during the North American Spine Society meeting taking place from September 26th - 29th in Los Angeles where Medtronic is exhibiting at Booth #1201.

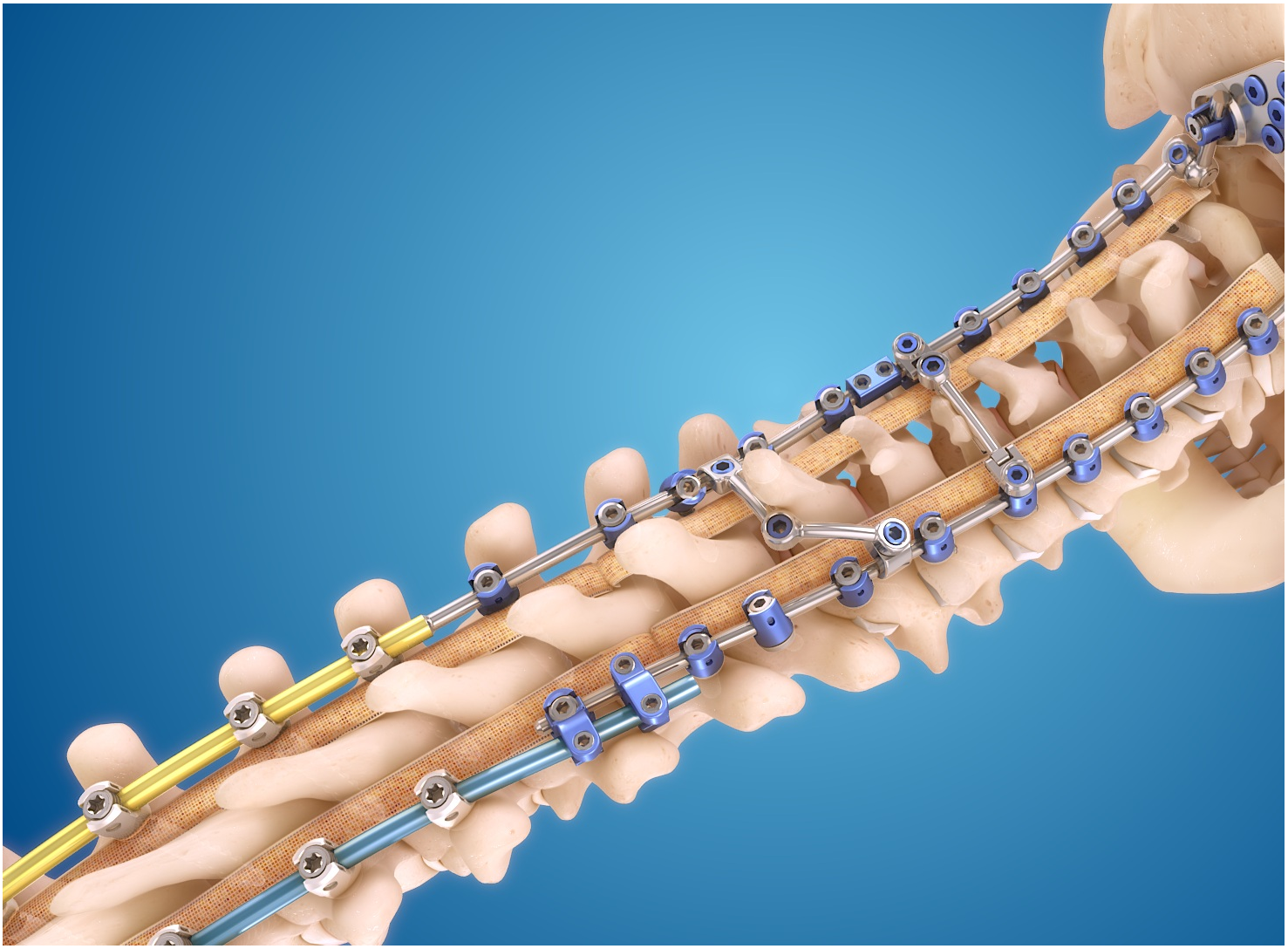
"For more than 35 years, Medtronic has partnered with leading spine surgeons to advance new technologies with the goal of improving patient outcomes," said Doug King, senior vice president and president of the Medtronic's Spine division, which is part of the Restorative Therapies Group. "We engineered every component of the Infinity OCT System to perform efficiently during the most complex spine procedures, as well as to integrate seamlessly with our market-leading imaging and navigation technologies."

The Infinity OCT System is used to immobilize and stabilize the spine while it fuses. The system features several innovative components - including a multi-axial screw with 60 degrees of angulation in any direction, a set screw (locking cap) with a quick-start thread to minimize cross threading, and 3.0mm and 5.5mm diameter screws for expanded patient demographics and clinical applications. The system has a full spectrum of implant materials and sizes - and when paired with the O-arm(TM) Imaging System and StealthStation(TM) Navigation System - provides a fully-enabled procedural solution designed to bring efficiency and simplicity to even the most complex posterior cervical procedures.

The Infinity OCT System is indicated for certain conditions including degenerative disc disease, instability or deformity, tumors, and traumatic spinal fractures or traumatic dislocations. Spine trauma can sometimes result in a spinal cord injury. September is Spinal Cord Injury Awareness Month and according to the National Spinal Cord Injury Statistical Center, the 2016 annual incidence of spinal cord injuries in the U.S. was approximately 54 cases per million people, or about 17,000 cases per year.1

"Some of our posterior cervical patients arrive in critical condition and their lives depend on our surgical skills and the performance of the tools we use to treat them," said Dr. Greg Trost, neurosurgeon at the University of Wisconsin School of Medicine and Public Health in Madison, Wisconsin. "With Infinity, I can focus on delivering the best patient care during complex procedures knowing that every component was precisely-designed with modularity and versatility in mind. And an integrated procedural solution with Stealth navigation and Infinity was game-changing as a 3D-view of the anatomy allows me the precision to place pedicle screws with confidence and accuracy."

The Infinity OCT System is now available in the U.S. The system will be released in geographies around the world in 2018 and 2019.



Infinity(TM) Occipitocervical-Upper Thoracic (OCT) System

Click the thumbnail above for a larger image.

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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1 Grand View Research. Spinal Implants & Devices Market Size, Share & Trends Analysis Report By Product (Fusion Devices, Spinal Biologics), By Technology, By Surgery Type, By Procedure Type, And Segment Forecasts, 2018 - 2024. April 2018. Available at: https://www.grandviewresearch.com/industry-analysis/spinal-implants-spinal-devices-market

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Source: Medtronic plc via Globenewswire
