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Simplify Medical Announces Completion of OUS Clinical Study of New MRI Compatible Cervical Artificial Disc

Simplify Medical achieves significant clinical milestone as it prepares for US IDE clinical trial and European commercial launch

Mountain View, California, July 8, 2014 / PRNewswire / -- Simplify Medical, Inc. is leading a pioneering approach to disc arthroplasty with an MRI-friendly cervical artificial disc. The Company announced today that it has treated over 100 Simplify cervical disc patients internationally with the Simplify Disc. This clinical experience includes positive clinical outcomes with no significant complications. Simplify® is a cervical disc replacement composed of MRI friendly materials designed to eliminate the need for invasive CT scans, reducing radiation exposure and providing a metal-free option to patients. In addition, Simplify Disc has endplates designed to flex with loading common to the cervical spine.

“We designed Simplify Disc with MRI friendly and durable materials using advanced medical polymers and ceramic to provide a metal-free solution. This enables surgeons to use more accurate and non-invasive imaging avoiding ionizing radiation and contrast injections associated with CT/Myelograms. The design replicates natural motion, with range of motion similar to intact natural discs,” said David Hovda, President and CEO of Simplify Medical.

In addition to MRI friendly materials and compliant endplates that flex, the Simplify Disc offers lower disc heights to treat patients with smaller anatomy with a streamlined implantation procedure. Simplify Medical expects to begin their U.S. IDE clinical study in 2015.

Simplify Cervical Disc

The Simplify Disc is an MRI compatible artificial disc and is the only cervical artificial disc composed primarily of MRI friendly materials utilizing advanced polymers and ceramic, eliminating the need for radiation-intensive CT/Myelograms. Additionally, Simplify endplates flex, its PEEK-on-ceramic articulation is designed for low levels of wear to optimize long-term durability, and Simplify provides low height implant options for patients with smaller cervical disc spaces, for whom larger implant options are not optimal.

About the Artificial Disc Market

The *Journal of Orthopaedic Sports Physical Therapy* (2008;38(9):A1-A34) reports that 22-70% of the population will have neck pain at some point in their lives. At any given time, 10% to 20% of the population reports neck problems with 54% of individuals experiencing neck pain in the last 6 months. One study reported that 30% of patients with neck pain will develop chronic symptoms, with neck pain of greater than 6 months

duration affecting 14% of all individuals with an episode of neck pain. Neck pain is second only to low back pain in annual workers' compensation costs in the U.S.

About Simplify Medical

Simplify Medical is focused exclusively on cervical spinal disc arthroplasty, developing innovative technology from MRI friendly materials designed to decrease the need for ionizing radiation and enhance options for patients suffering from degenerative disc disease. Simplify Medical is located in Mountain View, California. To learn more, visit our website at www.simplifymedical.com.

Caution: the Simplify Disc is an Investigational device in the United States and is limited by United States law to investigational use. Any forward-looking statements are subject to risks and uncertainties. Actual results may differ substantially from anticipated results.