Live Demo Displays Technology To Combat Pain Without Major Surgery

(PRNewswire) Healthcare professionals from Coastal Orthopedics & Pain Management took part in a live demonstration as part of PAIN 2012, a pain management conference taking place this weekend, to demonstrate two cutting edge procedures, live via satellite.

The first patient was implanted with a neurostimulation device to manage their chronic pain. The surgeon used a new tool called the Epiducer lead delivery system created by St. Jude Medical. This tool provides a simple solution to implanting leads used in the therapy through a single small entry point. These leads are then connected to a neurostimulator that can be programmed to manage a patient's pain. Before the Epiducer system, the placement of neurostimulation paddle leads was only possible through a laminotomy, a more invasive surgical procedure that typically requires removal of part of the vertebral bone. Slightly larger than a U.S. silver dollar, neurostimulator's deliver mild electrical pulses to the spinal cord, which interrupt or mask the pain signals' transmission to the brain.

In the second live procedure, the implantation of a device using the Disc-FX System, created by elliquence, was demonstrated. This tool is an innovative, minimal access spine system designed to efficiently access the damaged disc without injury to surrounding disc anatomy. Disc-FX permits multiple treatment options compared to other 'single treatment' devices in the marketplace. In addition to manual decompression, Disc-FX features a patented navigational device called Trigger-Flex, which was specifically designed to help clean the disc and seal tears in the annulus.

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