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RELEASE**

HydroCision announces 40,000th procedure using its novel cutting-with-water *fluidjet* technology

BILLERICA, Mass., April 8, 2009 — HydroCision Inc. (www.hydrocision.com) announced today that its novel cutting-with-water *fluidjet* technology has been used in over 40,000 spinal, arthroscopic and wound debridement procedures—thus firmly establishing **HydroSurgery** as a major platform for Minimally Invasive Surgery (MIS). “The company has capitalized on the double digit growth of the minimally invasive surgical market,” states Doug Daniels, President and CEO of HydroCision. “A large driver of our procedural growth has been patients who seek out surgeons who perform minimally invasive procedures. This has led to rapid adoption of these new and evolving techniques, for example, in back surgery by a growing number of neurosurgeons, orthopedic surgeons and interventional pain physicians to treat their patients’ pain in a variety of back procedures, including fusion and discectomy.”

The Company’s family of *fluidjet* products empowers surgeons to simultaneously cut, ablate, and remove hard and soft tissue quickly, safely, and effectively— without the collateral thermal or mechanical trauma of other surgical modalities.

“Due to the very small incision size involved in minimally invasive spine procedures, adequate removal of large amounts of disc material has proven challenging and a limiting factor with regard to successful fusion and good clinical outcomes,” says Larry Khoo, M.D., Co- Director, Comprehensive Spine Center, Division of Neurosurgery, UCLA Medical Center, Los Angeles. “Simply put, it is difficult to introduce classical mechanical disc removal and preparation tools through very small openings and remove enough disc material to ensure that fusion can occur. There can be no doubt that the HydroSurgery approach made possible by the SpineJet HydroSurgery System provides spine surgeons with great new tools, thus empowering us to perform truly minimally invasive fusion procedures that lead to improved clinical outcomes and faster patient recovery.”

Daniels adds, “This trend is rapidly gaining momentum driving the demand for new instruments that allow surgeons to work through smaller and smaller incisions. We are extremely pleased to reach this significant milestone. Forty thousand procedures is validation that HydroSurgery is a safe and effective modality by which surgeons may achieve better outcomes for their patients.”

HydroCision, The Leader in HydroSurgery, and SpineJet are registered trademarks of HydroCision, Inc.

About HydroCision

HydroCision (www.hydrocision.com) is a leading designer, developer, and distributor of fluidjet-based surgical tools. This new proprietary fluidjet technology is the basis of a new surgical modality, “HydroSurgery,” which has positive clinical experience, novel features and versatility. The Company has developed a broad range of fluidjet-based products to meet the clinical and economic needs of multiple specialties.

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