PROMISE is a prospective, randomised, open-label, parallel-group, clinical study enrolling up to 300 individuals suffering from predominant chronic low back pain due to FBSS at 30 centres in the United States, Canada and
Europe (Belgium, France, Germany, Spain, the Netherlands and the United Kingdom). It is the first large-scale, randomised, controlled clinical trial designed to assess the value of SCS for predominant low back pain with leg pain using a surgical lead, in contrast to previous studies of this technology, which have focused on predominant leg pain.

“Spinal cord stimulation has become an increasingly valued treatment approach in chronic pain, and we look forward to participating in the latest study,” said Philippe Rigoard, M.D., the study’s global principal investigator, who started enrolling patients January 14 at Poitiers University Hospital in Poitiers, France. “If the PROMISE results are positive, they will provide critically needed relief for those patients suffering from chronic low back pain associated with FBSS.”

PROMISE participants will be randomised 1:1 to receive treatment with either SCS with OMM or OMM only. After a six-month observational phase, the study will compare the proportion of participants in the SCS group who report more than 50 percent reduction in low back-pain intensity, as measured by the Numeric Pain Rating Scale, with those in the OMM-only group. Health care utilisation data collected will be used to develop cost analysis models for potential use in future studies evaluating the long-term economic impact of SCS.

“Medtronic is committed to advancing the understanding of its neurostimulation therapy in patients with low back pain resulting from FBSS,” said Julie Foster, general manager and vice president, Pain Stimulation and Targeted Drug Delivery in the Neuromodulation business of Medtronic, Inc. “PROMISE provides the opportunity to assess not only the degree of pain relief provided by SCS plus OMM compared to OMM alone in failed back surgery patients, but also to evaluate the economic and quality of life impact of this treatment by looking at such important measures as sleep, ability to work and changes in pain medication.”

More information about the PROMISE study, including enrollment information, can be obtained at http://clinicaltrials.gov/ct2/show/NCT01697358?term=medtronic+and+back+pain&rank=1.

Published on: Tue, 29 Jan 2013