

December 16, 2013



MRI Interventions' ClearPoint Neuro Intervention System Recently Profiled by Boston's ABC-TV Affiliate

TV Segment and Article Focus on How ClearPoint is Giving Hope to Patients

IRVINE, Calif., Dec. 16, 2013 (GLOBE NEWSWIRE) -- The ClearPoint[®] Neuro Intervention System developed by MRI Interventions, Inc. (OTCQB:MRIC) was featured December 10 in a television segment and article reported by the ABC-TV affiliate in Boston (WCVB-TV).

The report, filmed in part at Brigham and Women's Hospital in Boston, highlighted how the ClearPoint System enables neurosurgeons to view the inside of patients' brains in real time while they operate, using intraoperative MRI imaging. The report—which spotlights one female patient whose tremor was alleviated following a ClearPoint-guided surgery—notes that the technology is being used in surgical procedures to treat epilepsy, pediatric dystonia and Parkinson's disease, and is being used in clinical trials to deliver investigational drugs for conditions such as brain cancer.

To watch the television segment and read the accompanying article, please visit the following link:

<http://www.wcvb.com/health/new-brain-surgery-technology-giving-hope-to-patients/-/9848730/23419416/-/uwigknz/-/index.html>

About the ClearPoint System

The ClearPoint[®] Neuro Intervention System is a navigation platform designed to allow real-time, direct visualization during minimally-invasive neurosurgical procedures. ClearPoint software works with MRI to assist surgeons in planning a target and trajectory, and the SmartFrame[®] targeting device enables the MRI-guided alignment and insertion of surgical instruments. The ClearPoint System has been used to enable asleep deep brain stimulation procedures, laser ablation therapy and brain biopsy, and is currently involved in five clinical trials investigating direct drug delivery in the brain.

The ClearPoint SmartFlow[®] cannula is presently FDA-cleared for injection of cytarabine, a chemotherapy drug, to the ventricles or removal of CSF from the ventricles during

intracranial procedures. Delivery of other therapeutic agents using the SmartFlow cannula is investigational.

About MRI Interventions, Inc.

Founded in 1998, MRI Interventions is creating innovative platforms for performing the next generation of minimally invasive surgical procedures in the brain and heart. Utilizing a hospital's existing MRI suite, the company's FDA-cleared and CE-marked ClearPoint System is designed to enable a range of minimally invasive procedures in the brain. MRI Interventions has a co-development and co-distribution agreement with Brainlab, a leader in software-driven medical technology, relating to the ClearPoint system. In partnership with Siemens Healthcare, MRI Interventions is developing the ClearTrace[®] System to enable MRI-guided catheter ablations to treat cardiac arrhythmias, including atrial fibrillation. Building on the imaging power of MRI, the company's interventional platforms strive to improve patient care while reducing procedure costs and times. MRI Interventions is also working with Boston Scientific Corporation to incorporate its MRI-safety technologies into Boston Scientific's implantable leads for cardiac and neurological applications. For more information, please visit www.mriinterventions.com.

Forward-Looking Statements

Certain matters in this press release may constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements by their nature address matters that, to different degrees, are uncertain and involve risk. Uncertainties and risks may cause MRI Interventions' actual results and the timing of events to differ materially from those expressed in or implied by MRI Interventions' forward-looking statements. Particular uncertainties and risks include, among others: demand and market acceptance of our products; our ability to successfully expand our sales and clinical support capabilities; availability of third party reimbursement; the sufficiency of our cash resources to maintain planned commercialization efforts and research and development programs; future actions of the FDA or any other regulatory body that could impact product development, manufacturing or sale; our ability to protect and enforce our intellectual property rights; our dependence on collaboration partners; the impact of competitive products and pricing; and the impact of the commercial and credit environment on us and our customers and suppliers. More detailed information on these and additional factors that could affect MRI Interventions' actual results are described in MRI Interventions' filings with the Securities and Exchange Commission, including, without limitation, MRI Interventions' Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 13, 2013. Except as required by law, MRI Interventions undertakes no obligation to publicly update or revise any forward-looking statements contained in this press release to reflect any change in MRI Interventions' expectations or any change in events, conditions or circumstances on which any such statements are based.

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