



Axilum Robotics announces the installation of its robot for transcranial magnetic stimulation (TMS) in Boston, USA, as part of a research study with the Beth Israel Deaconess Medical Center

March 14th 2014, Strasbourg (France) – Medical robotics specialist Axilum Robotics announces the installation of its robot for Transcranial Magnetic Stimulation (TMS) in Boston, USA, at the Berenson Allen Center for Noninvasive Brain Stimulation, as part of a research study with the Beth Israel Deaconess Medical Center. A full image guided robotic system built around the robot will allow implementing an automated TMS procedure in a new research study.

Axilum Robotics TMS-Robot has been developed specifically for TMS and includes unique, patented hemispheric arm architecture. It is intended to automate the application of this non-invasive brain stimulation technique, currently implemented manually, with a high level of safety and with improved accuracy and repeatability.

"Our team is proud that our device has raised the interest of this leading center in TMS and we hope that the robot will bring them an advantage in their research projects" comments Michel Berg, President and CEO of Axilum Robotics.

About Axilum Robotics

Axilum Robotics is a spin-off from the ICube¹ Medical Robotics team and has been founded in 2011.

Based on an ICube proof of concept, the company has developed and commercializes the first robot specifically designed for Transcranial Magnetic Stimulation (TMS).

In a fast-growing market, Axilum Robotics' ambition is to become the global leader in robotic solutions for TMS.

Axilum Robotics is ISO 13485 certified for its Quality Management System since 2013, has received CE mark and Health Canada licence for TMS-Robot in 2013 and benefits from an exclusive patent license agreement (US 8,303,478)

Five centers have already been equipped with Axilum Robotics' TMS-Robot .

www.axilumrobotics.com

About Beth Israel Deaconess Medical Center

Beth Israel Deaconess Medical Center is a patient care, teaching and research affiliate of Harvard Medical School, and currently ranks third in National Institutes of Health funding among independent hospitals nationwide.

The BIDMC health care team includes Beth Israel Deaconess Hospital-Milton, Beth Israel Deaconess Hospital-Needham, Beth Israel Deaconess Hospital-Plymouth, Anna Jaques Hospital, Cambridge Health Alliance, Lawrence General Hospital, Signature Health Care, Commonwealth Hematology-Oncology, Beth Israel Deaconess HealthCare, Community Care Alliance, and Atrius Health. BIDMC is also clinically affiliated with the Joslin Diabetes Center and Hebrew Senior Life and is a research partner of Dana-Farber/Harvard Cancer Center. BIDMC is the official hospital of the Boston Red Sox. For more information, visit www.bidmc.org.

About Berenson Allen Center for Noninvasive Brain Stimulation

The Berenson-Allen Center for Noninvasive Brain Stimulation (<http://tmslab.org/>) is a world leader in research and development, clinical application, and teaching of noninvasive brain stimulation. The work at the center has been fundamental in establishing noninvasive brain stimulation as a valuable tool in clinical and fundamental neuroscience, improving the technology and its integration with several brain-imaging methodologies, and helping to create the field of therapeutic noninvasive brain stimulation. The faculty and staff at the center are committed to provide education and training on the use of noninvasive brain stimulation for both clinical practice and research. An active clinical program offers noninvasive brain stimulation for diagnostic applications and treatment of a variety of neuropsychiatric disorders such as depression, schizophrenia, epilepsy, dystonia, Parkinson's disease, chronic pain, epilepsy, autism, and the neurorehabilitation of motor function, cognition, and language after stroke or traumatic brain injury.

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¹ ICube: Laboratory for engineering, computer science and imaging, Strasbourg, France, headed by Michel de Mathelin.