

Axilum Robotics and Rogue Resolutions announce the installation of a new robotic system for Transcranial Magnetic Stimulation in Brasilia, Brazil

Cardiff and Strasbourg, October 5th, 2015 - Axilum Robotics, specializing in the development of medical robots and Rogue Resolutions, a provider of integrated neuroscience solutions to research customers around the world, today announced the installation of a robotized system for image-guided Transcranial Magnetic Stimulation (TMS) in SARAH rehabilitation hospital of Brasilia, Brazil.

SARAH/Brasilia is member of the SARAH Network of rehabilitation hospitals in Brazil. The center has the infrastructure for both treating patients, advancing knowledge, and forging breakthroughs in medical care.

Both adults and children are admitted, with needs ranging from neurorehabilitation to orthopedic problems, but the center mainly treats patients with spinal cord injury, brain injury, disorders associated with progressive cognitive loss or aging, and other neurological and orthopedic disorders. <http://www.sarah.br/en-us/a-rede-SARAH/>

TMS applications are numerous, ranging from neuroscience research to the treatment of neurological or psychiatric diseases resistant to drug treatments, which are the subject of increasing clinical investigations. Axilum Robotics TMS-Robot is the first and only robot developed specifically for TMS. The hemispherical architecture of its arm is patented. It is intended to safely automate and improve the accuracy and repeatability of this non-invasive and painless brain stimulation technique, which is usually implemented manually. Brainsight TMS navigation system is for MRI and non-MRI based targeting and navigation, ensuring the TMS coils are positioned over specific targets in the brain. For more than 15 years, Brainsight has been the neuronavigator of choice for image-guided TMS, with an installed base of over 400 laboratories globally.

"Our team is proud about the choice of our technology by this worldwide leading center for patient rehabilitation " explains Michel Berg, CEO of Axilum Robotics. *" We are convinced that this robotized system is an asset for the high quality of execution sought by the team "*

"We were pleased to work with Axilum and SARAH, bringing our broad technical expertise to provide a fully integrated neuroscience system enabling significant new research to be carried out", said Andrew Thomas, MD of Rogue Resolutions.

About Axilum-Robotics

Axilum Robotics is a spin-off from the ICubeMedical 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 ; Ca 2,655,433). Seven centers have already been equipped with Axilum Robotics' TMS-Robot.

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About Rogue Resolutions

Rogue Resolutions is a provider of integrated solutions to academic researchers in the field of neuroscience. We bring together and combine technologies, techniques and services to enable customers to conduct robust, credible and cutting edge brain research. The company has been operating since 2010 and was founded by Andrew Thomas and Dan Phillips in collaboration with instrument manufacturer partners Rogue Research Inc and neuroConn GmbH. The portfolio of products include a range of "best-in-class" devices in the fields of neuronavigation, neuroimaging, neuromodulation and neurosensory.

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