

Axilum Robotics announces the launch of its new collaborative robotic platform

Axilum Robotics, specializing in the development of medical robots, announces the launch of a new robotic platform based on collaborative robotic technology.

After having developed and commercialized TMS-Robot, first robot designed to assist health care professionals for Transcranial Magnetic Stimulation, based on a proof of concept of ICube laboratory in Strasbourg, Axilum Robotics reinforces its expertise in medical robotics with the development and the commercialization of a new robotic platform based on collaborative robotic technology also called « cobot ». This new platform will allow Axilum Robotics to extend its range of robotic solutions for TMS, with a more affordable and versatile solution, thanks particularly to a proprietary optical tracking system. Moreover, it is an opportunity to open the company to new medical or surgical applications.



TMS-Cobot, second robotic solution of Axilum Robotics

“This new platform will allow us to better answer to the needs of the TMS market and also to answer to the needs of new markets because a lot of technical medical procedures could take advantage of automation. We plan for CE and FDA approvals before the end of the year” explains Michel Berg, CEO of Axilum Robotics



The image guided and robotized TMS system implemented at CEMNIS, at Strasbourg University hospital, with TMS-Robot, first robot of Axilum Robotics

About Axilum Robotics

Axilum Robotics was founded in 2011 in Strasbourg, France, by a team of leading experts in medical robotics. The objective of the company is to provide researchers and health care professionals with robotic solutions to improve both technical medical procedures and medical resources management.

In 2013, the company launched TMS-Robot, the first CE marked medical robot specifically designed for Transcranial Magnetic Stimulation.

TMS is a non-invasive neurostimulation technique. Its applications are numerous, ranging from neuroscience research to the treatment of drug resistant neurological or psychiatric diseases.

With its patented hemispherical architecture, the device 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

In 2018, the company will launch a second robotic platform, based on collaborative robotics, both in Europe and in the USA.

Axilum Robotics is ISO 13485 certified for its Quality Management System since 2013.

Centers from 8 countries have already been equipped with Axilum Robotics devices. Beyond its activities in Transcranial Magnetic Stimulation, Axilum Robotics is member of a consortium engaged in the development of a device for the blood brain barrier opening with ultrasound (3BOPUS, supported by National Research Agency) and member of a consortium for the development of a device for the treatment of bone metastases by ultrasound (UFOGUIDE, supported by Unique Interministerial Fund)

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