

Heliomare - BioXtreme Joint Clinical Trial Research Project

Heliomare and BioXtreme are proud to announce that they have agreed to conduct a joint clinical trial research project in Heliomare facility in the Netherlands.

BioXtreme has developed a ground-breaking technology that reduces by up to 50% the recovery time for upper limb from stroke and other neurological injuries. Heliomare is one of the biggest rehabilitation hospitals in the Netherlands with a cutting-edge R&D department.

The research project will focus on the effect of BioXtreme's Error Enhancement technology on upper limb rehabilitation for stroke patients who arrive to Heliomare, and will be carried out using the company's robotic device, deXtreme™.

The research will be supervised by Heliomare's R&D department and will be headed by Prof. Coen van Bennekom, Prof. Han Houdijk and Dr. Janneke Nachtegaal. All research procedures will be performed according to the instructions of the Dutch Ministry of Health regarding clinical trials and following Helsinki's ethical protocol.

The Research is planned to include 50 stroke patients in total. Expected start date is August 2020, estimated completion of the research by June 2021.

About Heliomare:

Heliomare, as one of the largest clinical rehabilitation centres in The Netherlands, supports (potentially) disabled people by offering services in rehabilitation, education, vocational rehabilitation and sports. Clients can either use a combination of services or just one. Our R&D department aims to develop and implement knowledge and applications in the field of rehabilitation. In cooperation with a large number of academic partners it has succeeded over the years to translate fundamental research of different aspects of human movement into applications, which are currently implemented in rehabilitation practice. Professional attention, research and innovation in healthcare are of paramount importance to us in order to continuously offer the best support to our clients.

www.heliomare.nl.

About BioXtreme:

BioXtreme Rehabilitation Robotics is instilling new dexterity for stroke and other neuro injuries patients. Using a patent-protected groundbreaking Error Enhancement technology, BioXtreme has developed a robotic system that helps with upper limb motoric rehabilitation. Our product, Dextreme™ preforms automatic rebuild of motion range and capability through adaptive/intuitive learning. Based on unique robotic system that applies Error Enforcement forces, BioXtreme technology helps reprogramming the mind for extreme performance.

www.bio-xtreme.com