

Press release: Investors enable clinical validation

ReActive Robotics GmbH receives series-A funding

Providing the best possible rehabilitation treatment to intensive-care patients, already 24 hours after hospital admission, directly into the patient bed: ReActive Robotics aims to make intelligent robotics the standard-of care in a field that has been dominated by manual therapy. A consortium of four investors, led by MTIP MedTech Innovation Partners AG and complemented by the High-Tech Gründerfonds, Bayern Kapital and TQ-Group, provides a seven-digit series-A to enable the development and clinical validation of several prototype until 2017.

Gilching, June 2nd, 2016 – „The demographic change and a continuous increase of healthcare cost require intelligent automation solutions in therapy and care of heavily affected patients“, explains Dr. Alexander Koenig, founder and CEO of ReActive Robotics. “This fresh capital enables us to develop a robotics therapy prototype and clinically validate our early-mobilization concept in the intensive care unit”.

ReActive Robotics develops adaptive and intelligent therapy robotics which automate early-mobilization in the intensive care unit. Using robotic modules that can be attached and detached on and from the patient bed, patients can be mobilized directly in their hospital bed. As compared to existing solutions, this approach supersedes the time-intensive and dangerous transfer of the patient onto a separate therapy device. The market size is estimated to exceed 2 bn. Euros. The device is scheduled to become available in Europe the beginning of 2018.

Clinical studies demonstrate that intensive care unit patients that receive early mobilization can leave the hospital on average three days earlier which can lead to large cost savings. The improved therapy results can, however, only be achieved if the patient is mobilized several times per day. Manually providing such early-mobilization is expensive, as up to three therapists and nurses are required to move the patient. In comparison, the solution developed by ReActive Robotics can be operated by one care-taker. The therapist is alleviated from the heavy manual work by the robotics device and can focus on the patient. The therapy thereby not only becomes more cost effective but also more personal. “ReActive Robotics’ innovation represents a shining example of reducing therapy costs while improving patient benefits, and delivers a valuable contribution to the future sustainability of our healthcare system”, says Dr. Christoph Kausch, CEO of lead investor MTIP with regard to the investment.

About ReActive Robotics

ReActive Robotics was founded in Munich, Germany, in April 2015 with the vision to enable intensive care personnel to deliver the best possible rehabilitation therapy to their patients. As part of the Business Incubation Center of the European Space Agency ESA-BIC Bavaria, the team around the founder, Dr. Alexander Koenig, could win TQ-Group, one of the leading Technology companies with broad robotics know-how, as its partner in July 2015. ReActive Robotics was supported by the UnternehmerTUM and BayStartUP and already succeeded twice in the Munich Businessplan Competition 2016.

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About MTIP MedTech Innovation Partners

MTIP is a Startup-Investor who focuses on the field of medical technology. Specific knowledge, entrepreneurial experience and a well-established network make MTIP to the partner of choice for the financing and strategic guidance of medical technology startups. MTIP provides researchers and entrepreneurs with the means they require to develop a sustainable business model which aims at securing a competitive advantage. In order to add maximum value to its portfolio companies, MTIP acquires significant minority stakes that allow for active involvement in the definition of the company strategy.

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About High-Tech Gruenderfonds

High-Tech Gruenderfonds invests in young, high potential high-tech start-ups. The seed financing provided is designed to enable start-ups to take an idea through prototyping and to market launch. Typically, High-Tech Gruenderfonds invests EUR 600,000 in the seed stage, with the potential for up to a total of EUR 2 million per portfolio company in follow-on financing. Investors in this public/private partnership include the Federal Ministry of Economics and Energy, the KfW Banking Group, as well as strategic corporate investors including ALTANA, BASF, Bayer, B. Braun, Robert Bosch, CEWE, Daimler, Deutsche Post DHL, Deutsche Telekom, Evonik, Lanxess, media + more venture Beteiligungs GmbH & Co. KG, METRO, Qiagen, RWE Innogy, SAP, Tengelmann and Carl Zeiss. High-Tech Gruenderfonds has about EUR 576 million under management in two funds (EUR 272 million HTGF I, EUR 304 million HTGF II).

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About Bayern Kapital

Bayern Kapital GmbH, based in Landshut, was founded on the initiative of the Bavarian government in 1995. It is a wholly-owned subsidiary of the Bavarian LfA Förderbank. As the venture capital organisation of the Land of Bavaria, Bayern Kapital provides equity capital financing for the founders of young innovative technology companies in Bavaria.

Presently Bayern Kapital manages eleven investment funds with a total volume of around €340m. So far, it has invested almost €220m in 240 innovative companies in the fields of technology in various sectors including life science, software & IT, medical technology, materials and new materials, nanotechnology and environmental technology.

In this way, almost 5000 long-term jobs in sustainable companies have been created in Bavaria.

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About TQ

As an electronics service provider (E²MS supplier and CEM) TQ offers the complete range of services from development, through production and service right up to product life cycle management. The services cover assemblies, equipment and systems including hardware, software and mechanics. Customers can obtain all services from TQ on a modular basis as individual services and also as a complete package according to their individual requirements. Standard products such as finished microcontroller modules (minimodules), drive and automation solutions complete the range of services.

Through the combination of electronics services and finished system components, TQ offers customer-specific products as ODM products and thereby addresses customers who would like to receive finished products and at the same time benefit from the advantages of a customer-specific solution. ODM products are provided on time and economically using a comprehensive solution kit. The kit includes finished electronic, mechanical and software components including certification and licenses.

The TQ Group employs approx. 1,400 colleagues at their 13 sites (11 x Germany, 1 x Switzerland, 1 x China).

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About ESA-BIC Bavaria

The ESA Business Incubation Centre in Bavaria, Germany, was founded in 2009 and is managed by Anwendungszentrum GmbH Oberpfaffenhofen (AZO). Together with its partners the centre offers business start-up support as well as technical expertise in many space related areas, among others in satellite navigation, data systems, robotics and software systems.

ESA BIC Bavaria has business incubation offices at four locations in the region: the headquarters in Oberpfaffenhofen, and branch offices in Nürnberg, Berchtesgadener Land and Ottobrunn.

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