



Press release

Olten, October 30th, 2019

The Johanniter-Ordenshäuser rehabilitation center in Bad Oeynhausen is using Reha Technology's G-EO gait trainer for cutting-edge treatment

In future, neurology patients at the Johanniter-Ordenshäuser rehabilitation center in Bad Oeynhausen will be treated with a cutting-edge robot-assisted gait therapy system. The G-EO_L system, which is part of Reha Technology's G-EO systems family, will enable the center's highly qualified therapists to provide patients with treatment, which is even more specific, effective and tailored to their individual patient's requirements and abilities. This will improve the quality and cost-effectiveness of the treatment available at the center.

Reha Technology AG is a pioneer in the field of robot-assisted gait therapy used for neurorehabilitation. For years, the company has based its technology around the electromechanical end-effector principle. Reha Technology can look back on over 10 successful years of developing and perfecting all the key elements required for high performance, high quality and sustainable therapy with the **G-EO** system family.

The **G-EO_L** model – the «**L**» stands for Level Walking – can be used to provide performance-based therapy at a very early stage for a wide range of neurological pathologies. The modular nature of the system helps therapists to tailor objectives and the entire therapy process to individual patients. It also means that the system can be used to treat a wide range of patients. The intensity and repetitive nature of robot-assisted gait training leads to positive neuroplastic changes in the central nervous system of patients. The ability to reproduce high-quality and high-intensity therapy at short intervals represents a significant upgrade for both therapists and patients. The G-EO has clearly improved the cost-effectiveness of a wide range of treatment plans by making them more effective and providing time savings. **“We are very proud that our neurology patients will have access to therapy using one of the most advanced robot-assisted gait trainers available. The ability to reproduce high-quality and high-intensity therapy with the G-EO_L gait robot represents a significant and sustainable upgrade for both therapists and patients”** emphasized Michael Schelp, Commercial Manager for Johanniter-Ordenshäuser Bad Oeynhausen.

The intensity and repetitive nature of robot-assisted gait training leads to positive neuroplastic changes in the central nervous system of patients, while also improving their strength and endurance. The high quality and performance-based therapy provided for neurology patients at the Johanniter-Ordenshäuser will be enhanced by the unique ability to make ongoing changes to important parameters like cadence, step length, step height and ankle angle without interrupting therapy. The body weight system can also be set to be dynamic or static during gait therapy. The **G-EO_L** includes a feature which makes it possible to adjust and guide the hips in three planes (anterior, posterior, laterally) using a back cushion with a cable guides to optimize hip and body positioning during walking.

The Johanniter-Ordenshäuser rehabilitation center will use the advanced **G-EO_L** robot-assisted gait trainer from Reha Technology to provide the best possible day-to-day gait therapy for neurology patients, with a focus on cutting-edge technology, cost-effectiveness and efficiency.



For further information:

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About Reha Technology AG

www.reha-technology.com

Reha Technology AG is a globally active Swiss technology company. With its innovative products and solutions, the company helps bring about effective and lasting benefits for people with restricted movement and physical capacity. The company combines technology, processes and software in intelligent robot technology for a therapeutically efficient, lasting and personalized rehabilitation. Our qualified and experienced specialists accompany physicians, therapists and clinics. We boost their effectiveness in therapy, enhance therapists' resources, improve the informative value regarding therapy progress for therapists, attending physicians and insurers, thus providing a beneficial impact on clinic profitability. Reha Technology AG is represented in the respective key markets in Europe, Asia and North America and owns subsidiaries in Italy and the USA. In other important markets, the company relies on carefully chosen, independent agents.

About Johanniter-Ordenshäuser, Bad Oeynhausen

www.ahb-klinik.de

The Johanniter-Ordenshäuser Bad Oeynhausen was established in 1878 as the Johanniter Hospital, and originally had 24 places for needy bathers. Since then, a series of construction, renovation and extension projects have transformed the institution into an outstanding rehabilitation center. The institution now focuses on providing rehabilitation and follow-up treatment for female patients with neurological, orthopedic and geriatric disorders, with a particular emphasis on patients with serious disorders (e.g. neurology patients categorized as phase C+ or C in the phase system of the Federal Association for Rehabilitation). The facility also provides treatments for orthopedic, neurological and internal medicine disorders.