EKSO BIONICS UNVEILS EKSO NR

The Next Generation Exoskeleton for Neurorehabilitation

Ekso Bionics unveiled EksoNR, the next generation EksoGT—the most clinically used robotic exoskeleton. Developed for neurorehabilitation, EksoNR is an intuitive exoskeleton device that empowers patients recovering from stroke or other conditions to learn to walk again with a more natural gait. The device now includes new features and software enhancements to help physical therapists and patients get even more out of each rehabilitation session.

EksoNR is equipped with EksoView, a new touchscreen controller that allows therapists to intuitively adapt assistance to challenge patients using real-time feedback and perform outcome measures during use. Held in the palm of a therapists’ hand, EksoView provides visualization of various exercises beyond gait training, such as balancing, squatting from sit-to-stand positioning, lifting one leg, or standing in place, to actively engage patients and enhance the use of these beneficial features.

The optimized SmartAssist software enables EksoNR to have a smoother and more natural gait path when transitioning between steps. SmartAssist also gives gait symmetry and posture feedback and allows therapists to track patient progress with the upgraded EksoPulse, a cloud-based analytics solution. EksoPulse now uses rehabilitation data to generate insightful metrics and graphs for therapists and administrators to monitor patient progress and outcomes.

“Ekso Bionics is committed to developing the latest exoskeleton advances for rehabilitation. We continue to innovate to ensure physical therapists have access to the latest tools to deliver better patient outcomes and superior care in neurorehabilitation,” said Jack Peurach, Chief Executive Officer and President of Ekso Bionics. “EksoNR is a full neurorehabilitation tool that is effective, intuitive, and differentiating. There is an increasing demand for adoption, as our technology sets rehabilitation centers apart.”

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EksoNR is cleared by the U.S. Federal Drug Administration for stroke and spinal cord injury rehabilitation. The device is also CE-marked and available in Europe.

Ekso Bionics will begin taking orders for EksoNR immediately. Existing customers will have the option to upgrade.

About Ekso Bionics

Ekso Bionics is a global pioneer in the manufacture of robotic exoskeletons. The EksoNR is used in the medical rehabilitation of neurological diseases such as spinal cord injuries, stroke and MS. The company was founded in 2005 in collaboration with the Berkeley Robotics and Human Engineering Laboratory of the University of California, Berkeley. The company’s headquarters are located in Richmond, California, USA. Its European headquarters, which opened in 2015, are based in Hamburg, Germany. Ekso Bionics works with more than 270 rehabilitation clinics and hospitals around the world and is always expanding its network of partners that use the EksoNR in therapy.

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