

[00:00:01.370] - Speaker 1

Robots are transforming how work is done in nearly every industry, including healthcare, and that's a good thing. With an aging population and increased incidence of stroke, the need for physical therapy far exceeds our healthcare system's ability to provide it. At Harmonic Bionics, we believe robotics and automation can help more patients receive the care they need. Introducing Harmony SHR<sup>®</sup>, an upper extremity exoskeleton that helps in the recovery process for patients with neurological and musculoskeletal movement disorders. Harmony SHR defies preconceptions of what robots are and how they move.

[00:00:43.490] - Speaker 1

Rather than being rigid and unforgiving, Harmony SHR can move fluidly with the patient's natural movements. Harmony SHR has an anatomically matched shoulder construct that mimics the glenohumeral joint with a scapular component, working with the patient's natural scapulohumeral rhythm and allowing dynamic range of motion. Impedance control enables soft movements for gentle, forgiving interactions with the patient. Therapists also have the ability to customize the amount of assistance provided to each patient. Harmony SHR can also replicate the movement of a patient's healthy arm onto the affected side to take advantage of the neural coupling of the brain and encourage neuroplasticity.

[00:01:26.230] - Speaker 1

Harmony SHR designed to move with you so you can move better on your own. To learn more about this breakthrough in robotic rehabilitation technology, contact harmonic bionics today.