

January 19, 2017

Redmond Reporter

Hand and Finger Functional Therapy Now Available in Pacific Northwest

Previously, robotic assisted devices that focus on rehabilitation of the upper extremities has not been available in the Pacific Northwest. Pushing Boundaries, the Puget Sound's exercise based paralysis recovery center, is pleased to announce that state of the art technology is now available for clients.

Hand and arm impairments are a common result of most neurological conditions. For those affected, improving function of hands and arms are critical in their ability to successfully accomplish many activities of daily living (ADLs), thus increasing independence. There is now a therapy option available in the region to help individuals focus on improving hand function.

Functional movement and sensory stimulation can play an important role in the rehabilitation of neurological patients following stroke, spinal cord injury, traumatic brain injury, multiple sclerosis as well as other neurological diseases and injuries. The **Amadeo** by Tyromotion is a robotic device that moves the fingers and thumb in interactive, repetitive therapies. It helps improve strength, volitional finger movement and agility, reaction time and endurance. [See the Amadeo in action.](#)

Pushing Boundaries delivers individualized exercise based recovery therapy designed to challenge and heal the damaged neurological system. Increased strength, endurance, and coordination directly result in function and independence. State of the art robotics, specialized equipment and knowledgeable staff make the Pushing Boundaries program the premier facility in the Pacific Northwest.

There are an estimated 70,000 people in the Puget Sound region alone living with spinal cord injury, stroke, traumatic brain injury or other degenerative illnesses such as Multiple Sclerosis (MS) and Parkinson's. Until Pushing Boundaries was founded in 2005, there were no opportunities in the Northwest for recovery beyond traditional (and limited) rehabilitative services.

For more information, visit pushing-boundaries.org

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