



IMPROVE ALL BODY MOVEMENTS

INCREASE BONE DENSITY

REDUCE / ELIMINATE FALLS

STABILIZE BALANCE & POSTURE

INCREASE WALKING SPEED &
DISTANCE

IMPROVE DAILY QUALITY OF LIFE

SEE RESULTS IN A MATTER OF
MINUTES

CONTACT:

NEURO ADAPTION CENTER

2100 Solar Drive #202

Oxnard, CA 93036

+1 800-962-7445 or

805-431-1118

info@NeuroAdapter.com



NEURO ADAPTION

PHYSICAL REHABILITATION &

MAINTENANCE FOR THE

21st CENTURY



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WHAT IS NEURO ADAPTION?

Neuro Adaption is a neuro-rehabilitative process that uses a patented, FDA-certified orthotic device to engage task-specific motor movements and to strengthen all upper and lower body maneuvers. The supportive external device is non-invasive, and protects and stabilizes the body while correcting movement, gait, and postural issues. The device's variable weighting system induces a state of hypergravity—thus recruiting a greater number of large motor neuron units during the movements being performed. This achieves more neuronal activation, increased strength, and gains in motor skill recovery following optimal rest.

WHY NEURO ADAPTION?

Neuromuscular disorders (e.g., MS, MD, Parkinson's, ALS, stroke) are now treatable and responsive to *task-specific* training using Neuro Adaption—thus enabling neuronal reconnection and rapid strengthening while performing specific functional movements similar to activities of daily living. Neuro Adaption aggressively recruits the large motor neurons that activate specific muscle tendon units required and dramatically increases the rate of motor skill recovery. This targeted task-specific approach coupled with the neuronal recruitment process produces results that are generally seen and felt in just MINUTES!

HOW DOES IT WORK?

After being evaluated by a licensed physician, a custom treatment plan is created. A certified Neuro Adapter therapist will follow the unique plan on a one-to-one basis with the patient. Data from each session is carefully recorded and shared with the patient to provide evidence of progress. During each treatment session, the patient's body is put into in a state of hypergravity allowing each program exercise to stimulate the central nervous system by innervating the motor neuron circuits in the exact patterns required to perform everyday movements being targeted in rehabilitation/maintenance. The results are muscle strengthening, greater joint flexibility, and increased stability when using the Neuro Adaption system.

WHAT ARE THE BENEFITS OF NEURO ADAPTION?

- **REAWAKENS DORMANT NEURAL PATHWAYS:** Research has shown that movements that are intense, specific, and repetitious can revitalize dormant neural pathways. By stimulating the nervous system in very specific and assertive patterns, the Neuro Adaption process dramatically enhances the "reawakening process."

- **CAN TREAT MULTIPLE PROBLEMS AT THE SAME TIME:** There's no need to move from one piece of equipment to another. Any and every movement needing rehabilitation can now be addressed using the Neuro Adaption process.

- **PROVIDES A HOLISTIC APPROACH TO PAIN AND INJURY TREATMENT:** By treating the "whole person," our system takes into account that all body parts are intimately interconnected and that all human movements are created by a series of linked synergistic "firings" within the body.

- **BETTER EVALUATION AND PROGRESS CHARTING:** Due to the fact that specific resistance can be adjusted in small increments and placed strategically, the therapist is able to more specifically evaluate the severity of the dysfunction and more accurately chart progress.

- **TREATS EACH PATIENT INDIVIDUALLY:** The system is designed to respond to each patient's specific needs based on their current capabilities and limitations. The goal of each program is to improve a patient's overall quality of life.



DR.
JEFFREY
KOPSTEIN

