

CONNECTICUT VALLEY HOSPITAL

Physical Therapy Services

PT Equipment Procedure # 39

Re: Easy Stand 5000 & Evolv

Date: August 27, 2001

Revised: October 19, 2008

Description:

The Easy Stand is a piece of equipment that assists a person in performing a sit to stand/stand to sit transfer. It provides external support throughout treatment. This decreases the amount of time that a staff person or persons need to be physically holding onto the individual who is standing. The Easy Stand that is utilized at CVH has front, back and side anti-tippers, a high back, a head support attachment, a pelvic support, trunk support, shoulder support, hip guides, lateral trunk guides, an extended actuator handle, quick adjustable table package, adjustable foot plates and locking casters.

Indications:

Patients who would gain independence and improved health from physical and psychological benefits of standing. Some of these benefits include 1) Prevention of pressure sores. 2) Improved circulation. 3) Lessening of muscle spasms and contractions. 4) Prevention of atrophy of the leg muscles. 5) Assists in the maintenance of bone integrity. 6) Reduction of swelling in the lower extremities. 7) Helps improve range of motion. 8) Strengthens the cardiovascular system. 9) Builds standing endurance. 10) Helps to reduce infection by helping to improve kidney and bladder function. 11) Assists in bowel regularity and function. 12) Decreased reliance on staff to assist with prolonged standing. 13) Ability to interact with peers at their height. 14) Decreased dependence on staff to provide some range of motion activities and spasticity/contracture control. 15) Mental wellbeing from being able to perform "independent" standing activities.

Precautions:

Patients with a history of Orthostatic Hypotension should be monitored for blood pressure changes and symptoms of distress.

Procedure:

1. Open front of standing table. Adjust seat height and depth to match height of patient, (colors should match). Swing knee support in an up position. Adjust height and angle of footplate. Position armrest up and out of the transfer area. Adjust height of table.
2. Transfer patient into seat manually or mechanically. Position patient firmly against the back support with feet in foot rests. Close front of standing table. Bring knee support down to fit comfortably in front knees and legs. Apply ankle supports and

pelvic support. If desired, may add trunk and shoulder support. Shoulder support may need to be adjusted once the patient is in a standing position. Apply hip and trunk guides if desired.

3. Push actuator handle forward to raise patient towards table. Once desired height is met, move anterior pad to rest against chest and upper abdomen. Monitor for signs and symptoms of discomfort. Position tray to support upper extremities.
4. Support adjustments may need to be made as patient comes to a standing position.
5. Following treatment, lower patient to a sitting position by holding the actuator handle backwards. Once in a sitting position, remove supports and guides and transfer patient back to wheelchair.
6. The Easy Stand is cleaned as per the Physical Therapy Cleaning Procedures.