

Mōveo[™] XP

bridging the gap
from bed rest
to mobility





The Impact of Immobility

As medical technologies advance, more patients are surviving critical illnesses and injuries once considered beyond treatment. While this is good news, the extended length of immobilization required for recovery can cause complications that may increase healthcare expenditures and, more importantly, severely impact the patient's quality of life. These devastating complications affect all major organ systems and include:

- Compromised muscle mass, strength and tone
- Cardiac deconditioning
- Impaired respiratory function
- Skeletal deconditioning, including the demineralization of bones and altered joint function
- Skin breakdown
- Psychological changes

The Mōveo™ XP, an innovative exercise platform, combines the benefits of traditional tilt table standing with active exercise. This combination allows patients who are incapable of supporting full body weight to participate in graded weight-bearing activity at an earlier stage in the rehabilitation process.

Intended Uses

A new platform for early mobilization of the medically complex patient with conditions such as:

- Lower extremity weakness
- Poor postural control
- Decreased weight-bearing tolerance
- Poor endurance
- Decreased LE ROM
- Poor muscle control
- Fear of falling due to weakened condition
- Risk of deep vein thrombosis



Clinical Applications

- Critical care rehabilitation
- Burn rehabilitation
- Neurological rehabilitation
- Geriatric rehabilitation
- Orthopedic rehabilitation
- Amputee rehabilitation

Patient and Caregiver Safety

Although weight-bearing activities are ideal for the deconditioned patient, the difficulty in mobilizing a bedridden patient is often underestimated. Patient handling tasks such as lifting, transferring and repositioning are typically performed manually and can be both physically taxing for the therapist and psychologically demoralizing for the patient.

The Mōveo™ XP Mobile Exercise Platform provides a more secure process for patient handling and a safer means to progress through rehabilitation. It can be adjusted to match patients' capabilities and limitations, enabling them to assist in their own movement with a sense of independence and confidence. For the caregiver, the ergonomic hazard of manual lifting is virtually eliminated through common-sense engineering.



A New Standard of Care

Early partial weight-bearing exercise with the Mōveo™ XP Mobile Exercise Platform may be the ideal bridge in the rehabilitation progression from bed rest to mobility. Anticipated outcomes include:



Therapeutic Benefits for Patients

- Accelerated progression from immobility to ambulation
- Controlled environment provides improved patient safety
- Decreased strength decline through recovery period
- Reduced risk of complications from prolonged bed rest
- Customized workout intensity
- Patient comfort, control and dignity
- Empowerment and self-confidence
- Quicker recovery

Healthcare Provider Benefits

- Better patient outcomes
- Decreased length of stay
- Adherence to safe patient handling policy
- Reduced risk of injury to staff by limiting maximum assist activities
- Fewer staff required for patient handling
- Mobile exercise platform goes to patient bedside
- Therapist is able to document objective, incremental progress
- Competitive edge
- A new standard of care
- Compliant with national and international standards (see technical specifications)
- Increased therapeutic opportunities

Progressive Exercise with Mōveo™ XP

- Allows for earlier weight-bearing activity in a controlled environment
- Improves cardiovascular, respiratory and musculoskeletal health
- Significantly decreases the adverse effects of bone demineralization
- Increases strength in the antigravity muscles of the lower extremity (LE)
- Allows the therapist to target the muscles most affected by prolonged disuse
- Provides objective measurement of incremental progress
- Empowers the patient through renewed strength, increased confidence and improved ambulation



Mōveo XP Features

- Accessible from a wheelchair or from the patient's bed
- Mobile hi-lo platform (20" - 37")
- 0 to 30 degrees gradual tilt
- Sliding back and pelvic section allow for weight-bearing exercise
- 3 to 70% body weight bearing
- Mains powered with battery back up
- Fold away split foot plates
- Exercise band attachment points
- Support pad for lower extremities
- Easy to transport and operate
- Designed to fit into the tight confines of the typical ICU and patient room

Technical Specifications

Voltage/Frequency: 120 V 60 Hz
 Current Consumption: 6.5A, 3.3A
 Output Voltage: 24 VDC
 Duty Cycle: 1 min/9 min. intermittent
 Weight: 410 lbs. (185.97 kg)
 Shipping Dimensions: 100"L x 28"W x 38"H (254 x 71 x 96 cm)
 Length (w/ foot plates down): 101 in (256.54 cm)
 Electrical Safety Class: Class 1
 Electrical Type: Type B
 Safety Tests: Conforms to UL Standard 60601-1, Certified to CAN/CSA Standard C22.2 No. 601.1-M90 w/A2, Meets Directive 93/42/EEC, Compliant to IEC/EN 60601-1, IEC 60601-1-2

8080 - Mōveo XP Adjustable Height Platform (120 V)



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