



BIODEX WORLD-LEADING EQUIPMENT

DECREASE FALLS INCREASE MOBILITY

Improve reactive postural control,
balance and gait mechanics...

Don't let their recovery hang in the balance...

"Inpatient falls are common and can be life-changing for patients. They cost the NHS and social care an estimated £630 million annually. In 2017 approximately 250,000 patients had a fall in hospital."
National Audit of Inpatient Falls (NAIF)

BIODEX

Balance & Mobility devices

Decrease Falls

Biodex Mobility Assist

Reduce patient falls and risk to staff - improve rehabilitation

It is important to get patients up and walking.

This basic activity overcomes circulation problems, disuse atrophy, stimulates neural pathways, and plays a role in the psychology of a patient's sense of independence.

A Multi-functional Sit-to-Stand and Ambulation Therapy Device



The Biodex Mobility Assist™ is a motorised stand-assist device that brings patients from a seated to standing position with the protection of a safety harness. As the patient stands using correct biomechanics, their centre of gravity remains within the support of the device. Once standing, the patient has controlled body

weight and standing balance and can initiate ambulation. If they can move their legs, they can walk with the Mobility Assist. From bedside or wheelchair to anywhere in the clinic or hospital setting – even outside to enjoy good weather in the courtyard – the Mobility Assist will mobilise patients who have difficulty rising from a seated to standing position.

SAFE PATIENT HANDLING

While essential to invest in equipment and training to prevent patient falls, it is equally important to protect therapists, rehabilitation nurses, caregivers and visiting family from injury when trying to lift or support a patient.



Fall risk screening & balance training programme

Biodex Balance SD

The Biodex Balance System SD Fall risk and balance training programme is a simple combination of risk-factor screening including analytical balance testing compared to universally-accepted normative data and medical protocols. If a patient is found to be at risk of falling, there is an array of interventions and conditioning exercises that can help restore balance, mobility, functional independence and subsequently reduce fall risk.

OBJECTIVE DOCUMENTATION

The Biodex Balance System SD provides objective documentation and tracks patients throughout their assessment and training phases, providing you with printed progress reports. The objective documentation and writer reports provided through this programme, are an excellent way to track patient outcomes and communicate their improvements with their physicians and family members.



Biodex Gait Trainer 3

More than just a rehabilitation treadmill... It is the most important improvement to gait training since the parallel bars

The Gait Trainer 3 provides audio and visual biofeedback of step length and step speed. The Biodex Gait Trainer™ 3 is more than just a rehabilitation treadmill... it is designed with an instrumental deck that issues both audio and visual real-time biofeedback to prompt patients into their correct gait pattern. Gait analysis and gait rehabilitation at its best; step length, step speed and right-to-left time distribution (step symmetry) are directly addressed. Patient footfall is compared to desired footfall step after step, both on the display in real time and documented in an easy to read histogram.



The Gait Trainer 3 now has the option to add Integrated Music Therapy; Music Therapy is an evidence-based use of music in rehabilitation and medical settings to improve functional movement.

It comes with a sound bar and integrated starter library of music therapy-informed compositions which use specifically chosen musical elements to facilitate proper gait patterns.



Treadmill Training

+



Biofeedback

+



Neurologic Music

+



Music Patients Like

=

Better Outcomes Faster

BIODEX

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