



DST Collection

Walking with 30 million patients on the road to recovery since 1997

DST8000 Triple Sense

Full gait analysis for full gait rehabilitation



Stairs practice



Slope practice



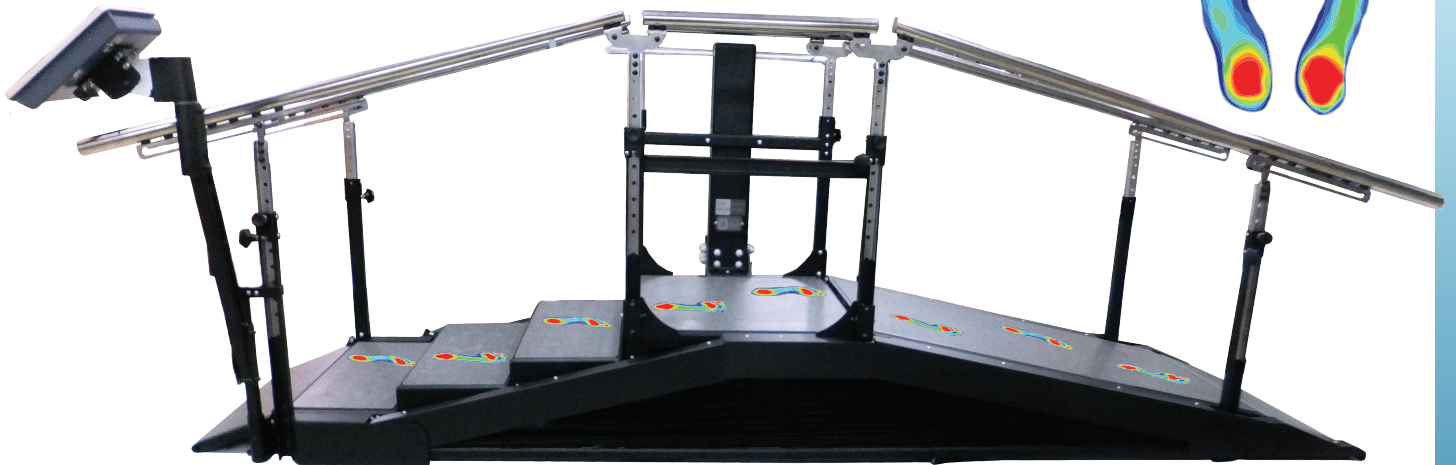
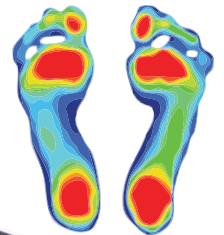
Parallel Bars



Sense system

Taking gait analysis a giant step forward

DST Triple Sense full gait analysis system takes patient performance to the next level using data from force plates and advanced software. Provide optimal rehabilitation treatment tailored to patient's needs and abilities.



Transforming your clinic into a lab

Lack of evidence-based measuring tools makes it difficult to justify treatment to insurance companies, while preventing patients from reaching their highest functional potential in minimum time. DST Triple Sense bridges the technology gap between the clinic and

lab environment. Physiotherapists can now implement the most effective treatment for each patient based on hard evidence – without taking up more lab resources as time, space and labor.

Optimizing exercises with real-time biofeedback

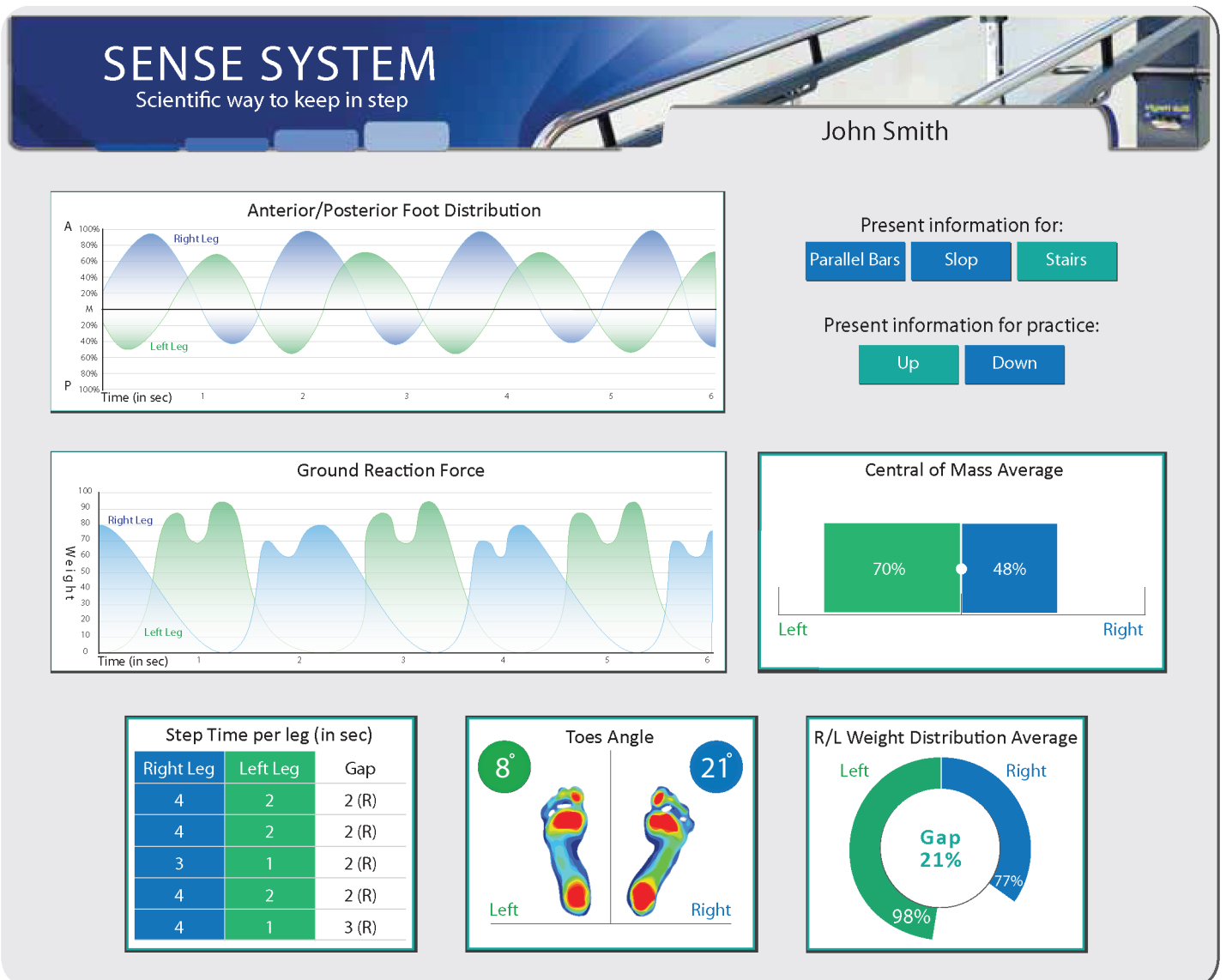
Physiotherapists must cope with multiple tasks, keeping patients safe and motivated while maintaining correct posture, motion and more. DST Sense puts an end to this struggle using visual and auditory biofeedback to help patients gain control and stay motivated during exercise.

Now physiotherapists can guide patients through the exercise in peace of mind – without having to worry about safety, missing compensations, or quality of the exercise execution.

Benefits that make triple sense

- Produces **full objective reports** using force plates. Easy to read control panel for visualizing patients' progress over time.
- Replaces your old parallel bars, slope, staircase, and other gait analysis devices - **saving room, time and money.**
- Enable patients to **exercise independently** more effectively with real time tracking and bio-feedback
- Provides **real-time biofeedback** relying on objective data of the patient's performance, including compensations not available to the human eye.
- **Recorded data** includes Central of Mass, Ground reaction force, R/L weight distribution, step time, and more.
- Ensures safe and effective exercise of **adjustable stair height, slope degree, and parallel bars.**

Sample of DST8000 Triple Sense display



Measurements

Total length	360 cm / 141.7 in
Total width	110 cm / 43.3 in

DST8000 Triple Pro

All-in-one physical therapy machine



Stairs practice



Slope practice



Parallel Bars

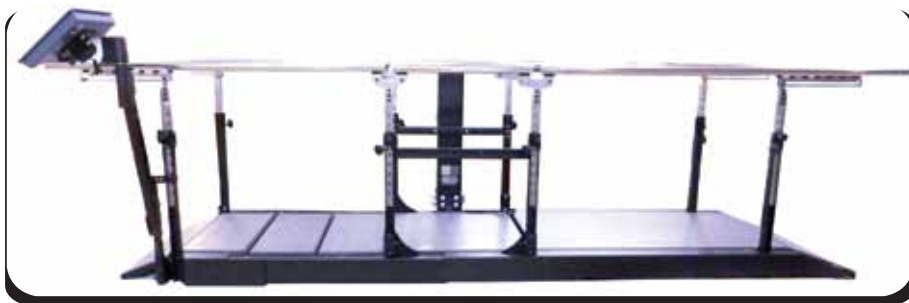


Computerized

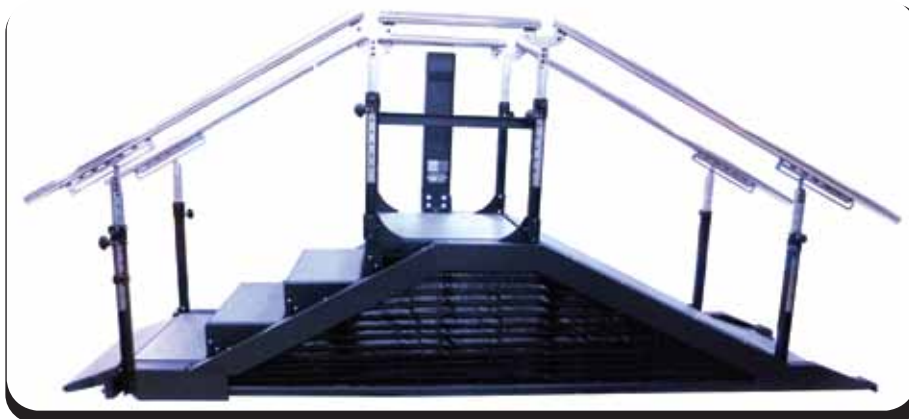
Versatility for Empowerment

DST8000 Triple Pro combines three devices in one, including an adjustable staircase for walking up and down steps, a walking surface inclined at different angles, and a full horizontal

parallel bars. The unit's sleek versatile design simulates everyday urban terrain – enabling patients to train and practice different slopes, stairs and gaits without changing equipment.



DST8000 Triple Pro - horizontal position: full length parallel bar



DST8000 Triple Pro - intermediate position: adjustable stairs/slope

Easy to Adjust and Control

With a click of a button, therapists can adjust the degree of the slope and the height of the stairs. Patients benefit from an optimal training regimen, leading to improved performance in less time and effort.

Progress Tracking and Display

DST8000 Triple Pro features friendly software and user interface to manage and monitor treatments. It displays data from previous sessions to enable easy tracking of patient

progress. Clear and objective progress charts can be quickly generated for all gait training parameters. Treatment data can be saved or sent via email.

Empowering Medical Professionals

DST Triple Pro integrates sensors and software that record and display patient performance. Physiotherapists and medical professionals gain valuable insight using progress charts with segmentation based on age, pathology, treatment duration and more. The collected data can be used to support medical studies, research, as well as boost overall patient and treatment performance.

The 3-in-1 Unit measures, displays and documents all treatment sessions, including:

- Time it takes to walk across parallel bars
- Stairs' height and time it takes to climb
- Slope's degree and time it takes to walk



The **DST8000 Triple** is available without the Pro system, with the same features of 4 stairs, a slope and a meters parallel bars.

Contact us for further information

Sample of DST8000 Triple Pro display



Watch the DST8000 Triple and Triple Pro in action



Measurements

Total length	360 cm / 141.7 in
Total width	110 cm / 43.3 in

DST8000 Pro

The scientific way to keep in step



Stairs practice



Parallel Bars



Computerized

Personal Chart of Progress

For the first time, stairs-training can be monitored and documented for the benefit of both the patient and the institution. The Computerized DST monitors, tracks and displays patient's performance in all

treatment sessions, with a clear, objective and accurate Personal Chart of Progress – a document, generated automatically by the DST-System.

Features and Benefits

- Monitors, records and displays patient's performance in past and current treatment sessions.
- Creates a patient's "DST Factor", a unique parameter conveniently summarizing the patient's current status and estimated potential for future improvement.
- Creates Personal Chart of Progress - a clear and objective document for physiotherapists, patients, physicians and insurance providers, to evaluate patient's stairs usage and gait capabilities.
- Recorded data includes treatment dates, height of stairs, and patient's time frames for ascents and descents.



What is the DST?

The Dynamic Stair Trainer (DST) is an innovative device designed for the gradual practice of stair-climbing skills for people undergoing physical rehabilitation.

It features four steps with adjustable height from zero to 16.5 centimeters (0– 6.5 inches) between steps. **The DST8000 is also available without the Pro system.**

Contact us for further information

Institutional Profit

Medical institutions and health care professionals gain an invaluable database of thousands of Personal Progress Charts, each containing accumulated data of individual patients' progress, according to age, pathology, and treatment duration. The database is extremely beneficial for academic studies and insurance purposes.

Measurements

Total length	240 cm / 94.4 in
Total width	120 cm / 47.2 in

Giraffe

Gait Aid Equipment



Secures patients



Mobile



Suitable for different devices

Does your patient walk or climb steps and slopes on the DST?
Walking between parallel bars?

Now your patient can do all of the above with the Giraffe – secure and hazard-free!

The Giraffe ensures safety while practicing on parallel bars, stairs and slopes. Designed to secure patients on the different DST devices, the Giraffe is easy to operate and move across the room to be used with other equipment. It requires no installation and is available in 3 sizes.

Watch the Giraffe
in action

Features in three Heights

- 2.9 meters (10 ft): suitable for practicing on stairs and slopes.
- 2.4 meters (8 ft): suitable for horizontal walking between parallel bars or "free style" on the room's floor.
- 2.1 meters (6.9 ft): suitable for children or low ceiling height.

Load capacity

- Standard – 200 kg (440 lbs).

Length

- Standard length is 3 meters (10 ft.); other lengths available on request.



DST Models

Adjusting to your patient's needs

DST8000

The DST is an innovative device designed for the gradual practice of stair-climbing skills for people undergoing physical rehabilitation. It features four steps with adjustable height from zero to 16.5 centimeters (0– 6.5 inches) between steps.

DST 8000 Pro

The DST Pro monitors, tracks, and displays the patient's gait and performance while using the stairs, increasing treatment efficiency and patients' motivation.

DST Triple

DST8000 Triple combines three devices in one, including an adjustable staircase for walking up and down steps, a walking surface inclined at different angles, and a full horizontal parallel bars.

DST Triple Pro

DST8000 Triple Pro combines all the benefits of the DST Triple with the Pro system which monitors, tracks, and displays the patient's gait and performance while practicing stairs, a slope and parallel bars.

DST Triple Sense

The DST Sense integrates all gait rehabilitation features of the *DST Triple Pro* with a new and innovative full gait analysis system. The Sense system measures your patient's performance using movement analysis abilities, combining cameras and force plates, to maximize each session.

Giraffe

The Giraffe can be set everywhere, above any surface to enable patients to safely practice walking between parallel bars, going up and down stairs, incline or on the floor.

	Stair Practice	Parallel Bars	Slope Practice	Document & Monitor	Produce DST Factor	Gait Analysis
DST Triple Sense	✓	3 meters	✓	✓	✓	✓
DST Triple Pro	✓	3 meters	✓	✓	✓	
DST Triple	✓	3 meters	✓			
DST 8000 Pro	✓	1.5 meters		✓	✓	
DST 8000	✓	1.5 meters				

DST's Accessories

Adjusting to your patient's needs

Accessory #1

WAH - Width Adjustable Handrail

The basic DST comes with two regular handrails. With the WAH you can adjust the width between the handrails to accommodate a variety of patients such as children and seniors.



Accessory #2

LHR - Long Hand Rails

Long Handrails are 35 cm (13.5 in) longer than standard handrails and enable physiotherapy facilities to use the DST as parallel bars, as well as a stair trainer. Available in fixed width and adjustable width.



Accessory #3

RSR - Reversible Stair Ramp

- Enables patient having difficulties handling the regular slope to access the DST using a moderate slope or small stairs.
- Allows practicing walking on a slope.
- Adds three additional small stairs to the DST, creating a seven stair flight to practice on.

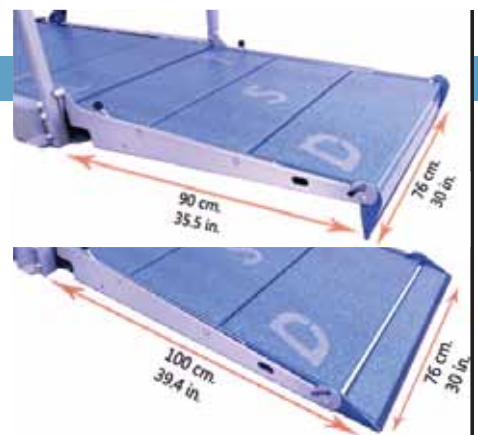


Accessory #4

CSRC - Convertible Stair Ramp Curb

Includes all RSR benefits with the following features:

- Improves floor-to-ramp transition of patient.
- Presents a practice curb
- Extends flat walking distance by 30% in raised position



Accessory #5

Integral Mirror

Located at the far end of the DST, the mirror provides visual feedback of the patient's posture, motion and position while practicing stairs and parallel bars.

All Accessories



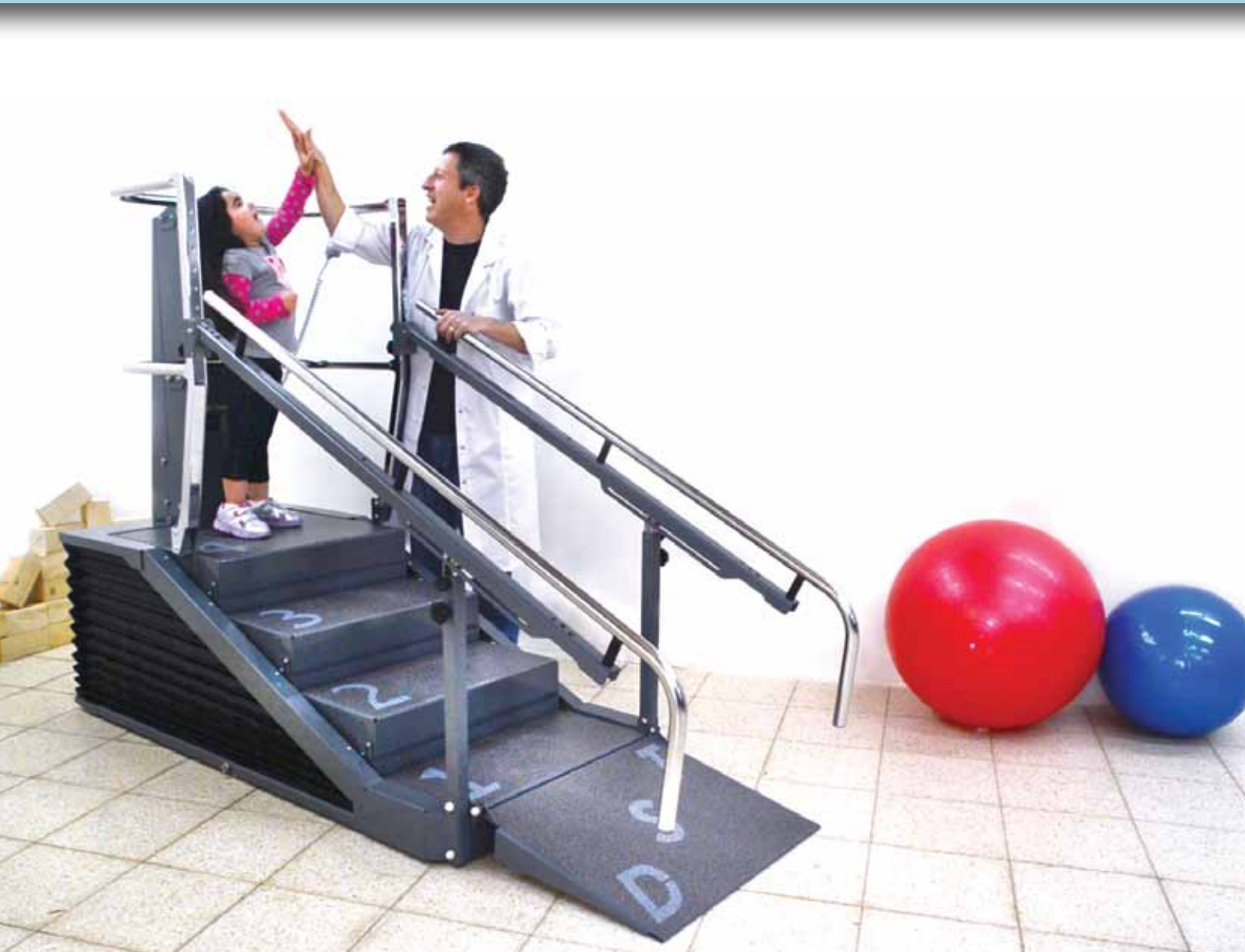
Our Mission

Innovation in Rehabilitation

DPE Medical Ltd. was founded in 1997 by Mr. Daniel Orgal, the chief developer and CEO. **Our mission is to take the field of physiotherapy one step forward by inventing full gait rehabilitation equipment to help patients around the world reach independence.** Our line of products enables gradual practice on flat surfaces, stairs and slopes, combines with the latest monitoring and gait analysis systems.

Most of the company's workers, including the CEO, are disabled individuals who have benefited tremendously from rehabilitation. As past patients, we see the direct and continuous connection with our customers as the key to detecting daily rehabilitation problems, and the way to developing the solutions. We believe it is these personal experiences combined with our innovation that make our products so accurate and effective.

DPE Medical is proud to invent, design, produce and distribute innovative rehabilitation equipment which serves millions around the world.



Our Team

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The Story Behind the DST

"Necessity is the mother of invention"

From 1993 to 1996, Daniel Orgal underwent extensive physical rehabilitation after being struck down by a virus that attacked his neurological system.

Throughout his rehabilitation process, he discovered that relearning how to climb and descend stairs was a formidable task. In addition, he found that using a conventional stair case puts added pressure on patients who can only raise their legs by one or two centimeters. Daniel made it his goal to invent the first user-friendly, electronically operated, adjustable stair case capable of meeting all the stairs rehabilitation needs at each of the recovery stages.

Daniel was fortunate enough to complete the final stages of his recovery on the first prototype of his invention. Today, his personal experience has shaped the company:

"When DPE Medical develops new products, I always remember how it felt to be a helpless patient. This memory drives us to make the utmost effort to deliver products that will help physiotherapists and patients on their road to recovery".

Watch Orgal's
amazing story





Contact us



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