

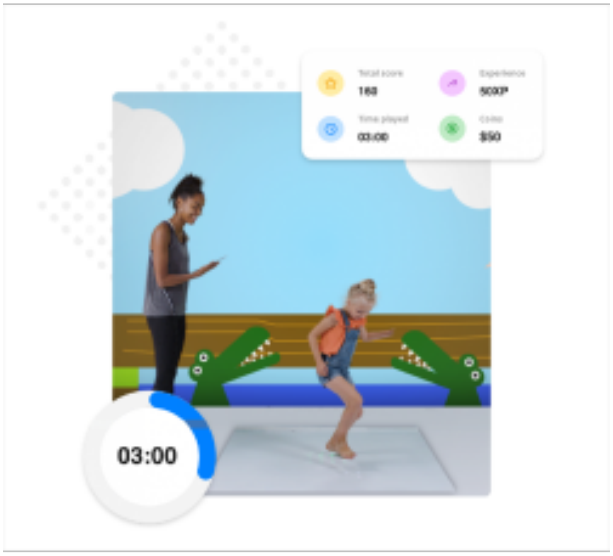
Matti - Balance & Coordination

Product short description:

Matti is a pressure-sensitive rehabilitation mat with sensors. Matti offers various exercises to improve balance, coordination, muscle strength and mobility. Through gamification, it motivates patients and makes rehabilitation more challenging and effective. All exercises are customizable to the individual needs of your patients.

Product gallery:





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Features:

Pressure-sensitive measurements

Matti has a measuring area of 1.2 x 1.2m, which conceals no less than 56 x 56 pressure-sensitive sensors. It captures your movements while you follow therapy.

Wide range of therapy exercises

On the Matti platform you can find a wide range of exercises, which is regularly updated with new games. The difficulty of all games are fully customizable to your patient's needs.

Tracking progress with the CT Platform

With Matti, we put a strong emphasis on motivation. By offering your therapy on our mat, you can easily set goals and track progress. This is interesting for both therapist and patient.

Rehabilitation Games & Exercises.

Static Balance & Weight Shift

Goalie

Soccer balls are flying your way! Can you keep them out of the goal?

By shifting your body weight in a controlled sideways motion, you steer the goalkeeper's head.

TIPYou can steer the goalkeeper much more effectively by moving your hips from side to side! Matti can't see the position of your head. The therapist can walk on the nonlit area’s to support the patient.

Balance Orchestra

Follow the music note and help the orchestra play their symphony.

This exercise stimulates the slow and controlled lateral movement of the body's center of gravity.

TIPThis exercise may seem easier than it actually is! In daily life, we're not accustomed to shifting our center of gravity in such a slow manner. So, practice makes perfect!

Apple Catcher

Move the basket from left to right and try to catch as many apples as you can.

This exercise stimulates controlled lateral weight shifts.

TIPSet your own limits for movement, or make the game more challenging by increasing the falling speed of the apples.

Dynamic Balance & Coordination

Wack-A-Light

Lights suddenly appear on the mat. Can you tap them away as quickly as possible?

This exercise stimulates targeted coordination, improves movement limits, and enhances the patient's reaction time.

TIPBy adjusting just a few settings, you change the entire purpose of this exercise! Hide the lights on Matti and only use the pressure sensors to search for the hidden buttons!

Twister

Try to push all buttons of the same color simultaneously with your hands and feet.

This exercise stimulates the overall body coordination of the patient. Depending on the pathology, it can also help improve impaired body awareness.

TIPTwister is one of the few games that you can play with multiple people at the same time. Choose a color and challenge your patient yourself!

SpeedLights

It's all about speed here! How quickly can you press the colored button?

This exercise stimulates the patient's reaction speed. Additionally, it allows the therapist to obtain objective data regarding the effective reaction speed per interactive button.

TIPChange the number of buttons or use this game as an addition to an exercise alongside Matti. This way, you can work functionally while also adding a motivating dual task

Online platform to monitor and analyze progress

Record your patients' progress during therapy in the office or remotely. The company's Creative Therapy platform connects to both Matti and Squeezi.

Improved communication

The platform provides a central location for therapy insights, allowing patients to communicate quickly and easily with therapists.

Visualization of progress

The platform allows visualization and analysis of the patient's progress during therapy. It allows therapists to customize and optimize therapy to meet individual patient needs.

Accelerated treatment results

By analyzing the results in real time, the therapist can more quickly adjust the therapy according to the patient's progress, which affects the effectiveness of the therapy.

Motivating patients

Together with the patient, physiotherapists can set clear goals, and visualize results. Progress motivates the patient to keep working, which reduces recovery time.

Check out Creative Therapy platform

Technical data:

Dimensions:	70x70x70mm
Sleeve material:	PU foam (CE certified)
Casing:	PVC
Sensors	1 pressure sensitive sensor, 1 IMU
Sensor Measurements:	50hz
LED:	Multicolor communication LED
Connection to tablet:	BLE - Bluetooth
Power-supply:	USB-C
Accessories:	Hand strap, inflatable cube

Product codes:

Reference: -
EAN13: -
UPC: -

Product features:

Product attributes: