PLAYWORK
Intelligent Physiotherapy Technology

SMART PLAYBALL

ACTIVE NEURO-REHABILITATION SOLUTION

Smart PLAYBALL for physical, functional & cognitive rehabilitation

Maximize hand & body use through fun & functional gameplay

The Smart PLAYBALL is the next generation of Physical Therapy Exercise Ball that provides visual and auditory feedback to motivate users throgh gamified training.

- ✓ Offers effective training for upper and lower extremities, core muscles & balance.
- ✓ Enhances mobility, strength, coordination as well as motor & cognitive skills.
- ✓ Features interactive games and performance monitoring software.
- ✓ Available in 4 sizes, suitable for ages 5-99.
- ✓ CE approved Medical Device, used in rehabilitation clinics in over 25 countries.

"Can't tell you how awesome this is for any OT/PT practices!"
John F. - Physical Therapist

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MICRO ASSISTIVE TECH
www.microassistivetech.com

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GAME-LIKE EXERCISES

Common rehabilitation training turns into a motivating and challenging gameplay that makes exercising a fun and rewarding activity. Intensive, repetitive, task-oriented training through fun, interactive gaming.

REAL-TIME BIO FEEDBACK

Rolling, squeezing, pressing and grasping are activating different muscles, during which time you receive immediate visual feedback on any actions. Personalized game levels show your feedback compared to your personal goals.

DATA VISUALIZATION

Self-empowerment and improved personal engagement through qualitative tracking of performance. You no longer need to rely solely on memory and eyeball assessment of patient performance and progress.

IOT SENSOR TECHNOLOGY

Based on cutting edge technology of the Internet of Things (IoT), pressure & motion tracking are provided with smart, integrated sensors that measure patients' performance, giving instant accurate results shown on the screen.

"PLAYBALL is fun and is a better way to get great results".
Sandra R. - Occupational Therapist

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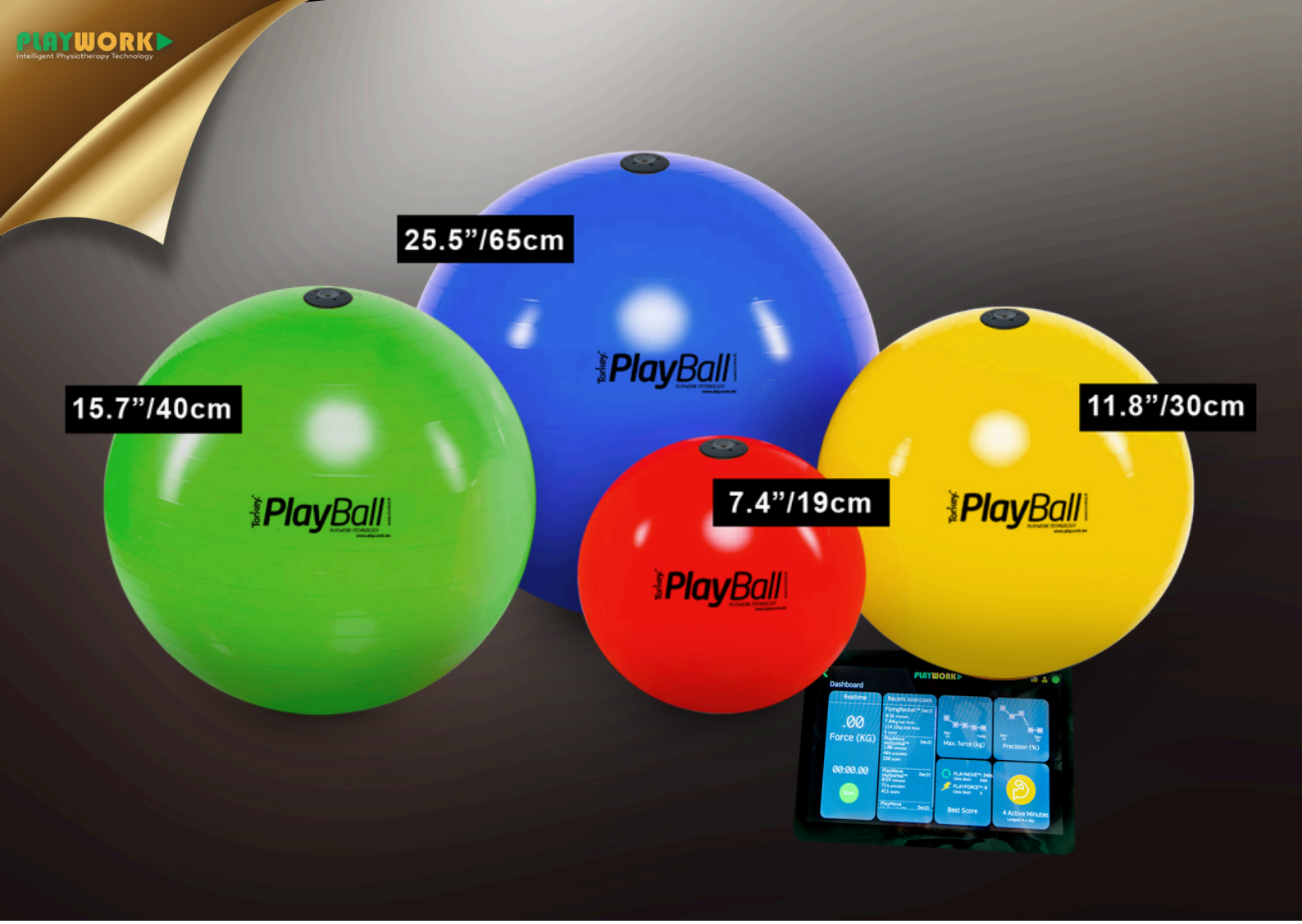

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KEY VALUES

FOR PATIENT:
Motivation, feelling of achievement

FOR THERAPIST:
Data-based planning & tracking

FOR CLINIC:
Improved resource utilization (space, labor, others)

COMPONENT

- 'Smart' ball - 4 sizes:
  - 7.4"/19cm
  - 11.8"/30cm
  - 15.7"/40cm
  - 25.5"/65cm
- Precise force & movement tracking
- Interactive games package
- Personalized level settings
- Real-time feedback
- Recovery program sw license
- Performance dashboard
- Portable and easy to carry

"Physical therapy really can be all effective & fun with PLAYBALL!"

MANUFACTURING PARTNER: Tonkey. ACTIVE LIFE
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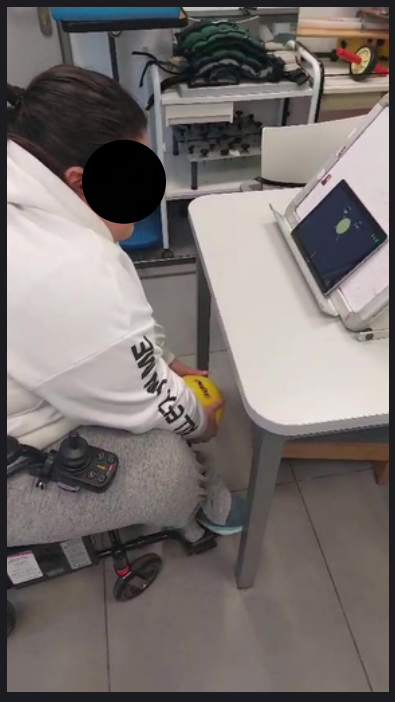
ADL Evolution: Smart PLAYBALL Redefines Functional Training for Activities of Daily Living!

✓ **Practicing real-life scenarios:** Using advanced sensors and interactive features integrated in a soft rubber ball, the Smart PLAYBALL system recreates real-life scenarios, allowing users to practice and refine their skills.

✓ **Various ADL simulations:** The Smart Playball System provides realistic simulations of various ADLs, such as cleaning, dressing, and personal hygiene. This hands-on experience helps individuals become more proficient and confident in performing daily tasks, ultimately promoting independence and autonomy.

Wearing Shoes

Washing Hair



Tying Shoe Laces

Language Skills

"Realy helped me to regain my daily functions and independence".
John R. - Stroke survivor

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