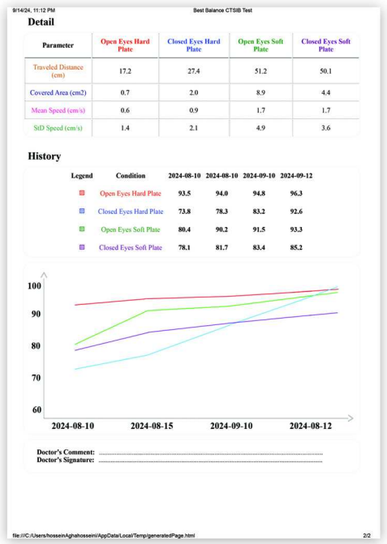
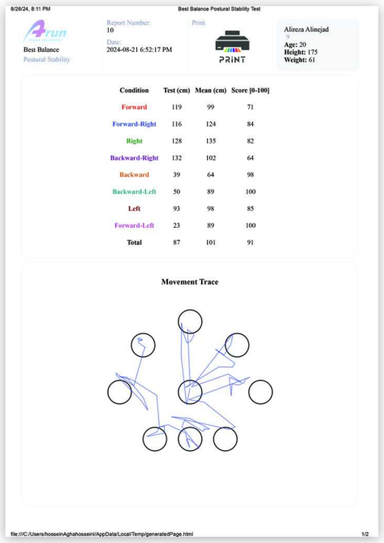
Best Balance Result Test



The Postural Stability Test in the Best Balance app is designed to assess and improve the user's ability to control their center of gravity (COG). During the test, the user begins by positioning their COG in the central blinking circle, which serves as the starting point. Once stabilized, a series of target circles will blink in sequence, signaling the user to shift their COG to the indicated positions. This process continues until all circles are reached.
The CTSIB (Clinical Test of Sensory Interaction in Balance) in the Best Balance device evaluates a patient's balance by assessing how they utilize their sensory systems under different conditions. The test includes four key conditions: open eye on a soft surface, open eye on a hard surface, closed eye on a soft surface, and closed eye on a hard surface. The results page features the patient's profile, along with graph and schematic visual representation, providing an easy-to-understand overview of how well the patient maintains balance across these scenarios, helping to guide further treatment plans.



The Postural Stability Test in the Best Balance app is designed to assess and improve the user's ability to control their center of gravity (COG). During the test, the user begins by positioning their COG in the central blinking circle, which serves as the starting point. Once stabilized, a series of target circles will blink in sequence, signaling the user to shift their COG to the indicated positions. This process continues until all circles are reached.

Best Balance
is a cutting-edge postural balance rehabilitation device that integrates dynamic and static balance assessment Analysis and training, enhanced by gamification,. This device offers comprehensive rehabilitation programs. focusing on key aspects such as flexibility, strength, posture, and balance. Equipped with advanced force sensors and an intuitive interface, it enables both clinicians and users patients to engage in personalized training plans. The device provides real-time feedback through interactive software, encouraging users patients to improve stability, coordination, and core strength. Best Balance stands out by combining analysis and training, ensuring an engaging and scientifically-driven rehabilitation experience.

Best Balance

Ariana Mechatronics Researchers

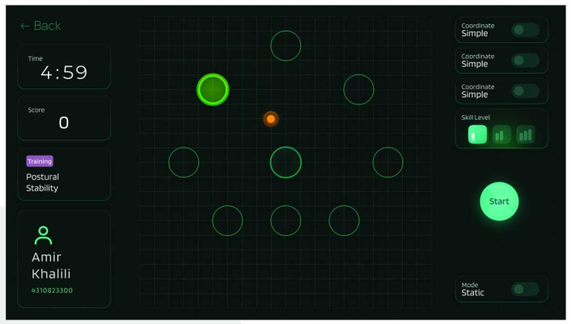
مصدر الابتكار للتجارة

+968 99272343
arianamc.ir
info@arianamc.ir

BEST BALANCE

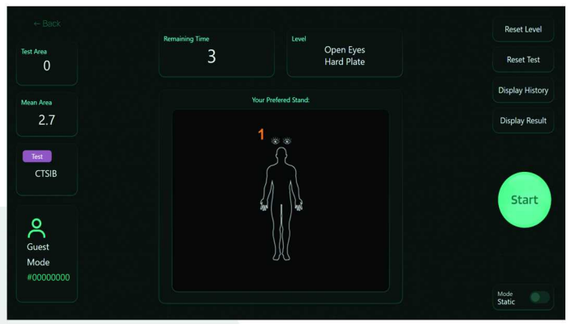
This app is focused on improving physical balance through exercises. It's often used for fall prevention in older adults or athletes looking to enhance their balance.

Postural Stability Test



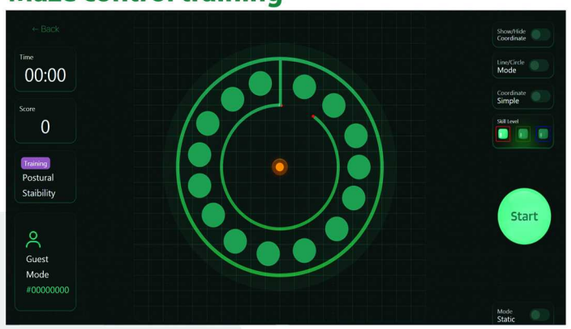
The Postural Stability Test in the Best Balance app is designed to assess and improve the user's ability to control their center of gravity (COG). During the test, the user begins by positioning their COG in the central blinking circle, which serves as the starting point. Once stabilized, a series of target circles will blink in sequence, signaling the user to shift their COG to the indicated positions. This process continues until all circles are reached.

CTSIB



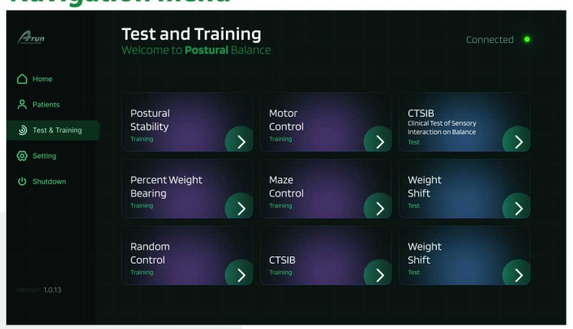
The Best Balance device uses the Clinical Test of Sensory Interaction in Balance (CTSIB) to assess balance under four conditions: Open and Closed Eyes on both Hard and Soft Plates. These tests measure postural control by altering visual and sensory inputs, helping clinicians evaluate balance abilities and identify areas for improvement.

Maze control training



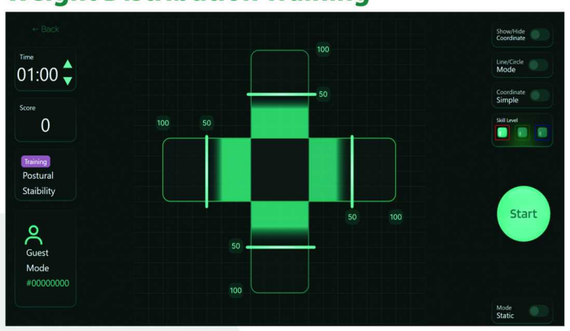
The maze control training module challenges users patients to navigate a ball through a virtual maze, where the goal is to follow a central path without hitting the boundaries. This exercise requires precise balance control as users must shift their posture to guide the ball, enhancing their coordination and stability. The interactive nature of the game offers real-time feedback, helping users to progressively improve their motor skills and balance awareness while maintaining focus and control.

Navigation menu



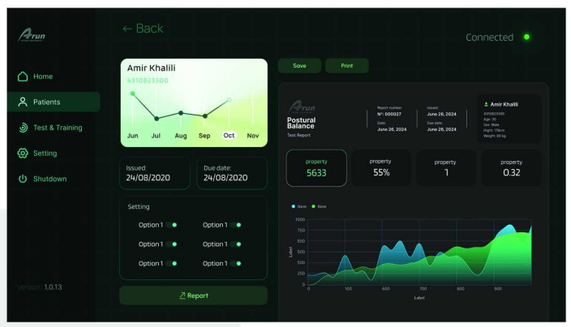
Including a navigation menu with icons for key sections such as "Home," "Patients," Test and Training," and "Games.", ,This app also offers customizable settings for the training session, such as selecting the coordinate system (Axis or Simple), the mode (Tracing or Static), and the skill level.

Weight Distribution Training



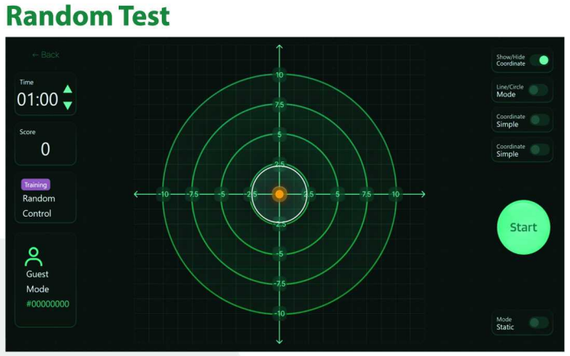
The "Weight Distribution Training" module of the Best Balance device helps users improve postural stability by tracking weight shifts. A cross-like interface shows various movement axes, with a colored center indicating balance. If the user tilts in any direction, the corresponding graph extends, providing real-time feedback. The module offers three training modes: side-to-side, front-to-back, and four-directional. This allows users to visualize their weight shifts, make adjustments, and track progress over time.

Patient Result



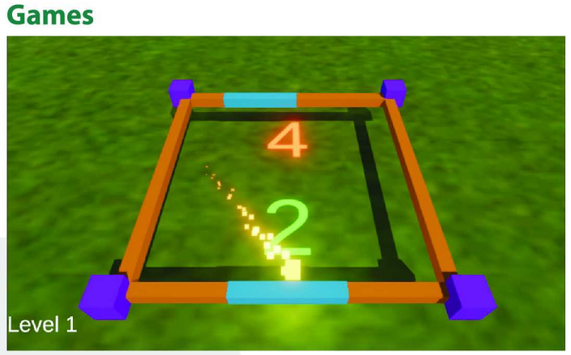
The "Weight Distribution Training" module of the Best Balance device helps users improve postural stability by tracking weight shifts. A cross-like interface shows various movement axes, with a colored center indicating balance. If the user tilts in any direction, the corresponding graph extends, providing real-time feedback. The module offers three training modes: side-to-side, front-to-back, and four-directional. This allows users to visualize their weight shifts, make adjustments, and track progress over time.

Random Test



The Random Test feature challenges users Patients to maintain balance within a moving or shifting target area, as shown in the image. Concentric circles of varying radii and randomized movement patterns increase difficulty, requiring the Patients user to adjust their posture and stability in real-time. This feature enhances dynamic balance, coordination, and core strength, with customizable difficulty levels to match individual progress.

Games



The Random Test feature challenges users Patients to maintain balance within a moving or shifting target area, as shown in the image. Concentric circles of varying radii and randomized movement patterns increase difficulty, requiring the Patients user to adjust their posture and stability in real-time. This feature enhances dynamic balance, coordination, and core strength, with customizable difficulty levels to match individual progress.