

Fourier Rehab Global Partnership Network











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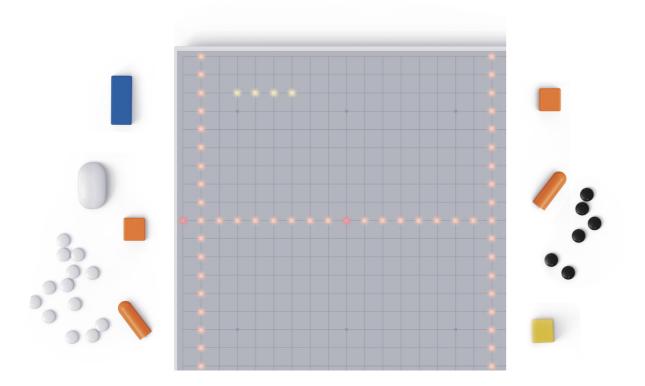
OTParvos™

Digital OT Training System

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OTParvos™ is a portable and intelligent digital OT training system solution for occupational therapy using electromagnetic sensors, LED array, dynamic control algorithm and Al. It helps motivate users to train by including a variety of accessories and games which can improve the motor control ability of the upper limb, fine motor ability of fingers, hand-eye coordination and cognitive abilities.



Mulitple Training Mode

OTParvos™ provides an extensive library of interactive games, which engage users in gamification training to improve multiple motor and cognition functions.



Pong



Improves hand-eye coordination and quick response ability

Puzzle



Practises attention, pattern recognition, and fine motor ability

Trajectory



Improves motor control ability of upper limb based on task-oriented training

Gomoku



Exercises upper limb movement ability and logical thinking

Hand-eye Coordination

The built-in games provide audio and visual inputs that require users lo cormplete yarnes ard puzzles by engaging their fine finger motor skills and quick responses.

Cognitive Ability

The built-in board games have two players competing against each other using their own lactics, palierce, creativity and problem-solving skills.

Pincer Grip



Ball Grip



Tripod Pinch



Variety of Accessories Available

Besides the standard accessories, OTParvos™ can support daily equipments and traditional occupational training tools by attaching the magnet to meet different hand function training needs.

Wood Block







Stick



Chess Piece





Lateral Pinch



Cylindrical Grip



Lumbrical Grip



Interactive Training

Through collaborative and competitive interactions, users can complete diversified training in the form of human-machine or human-human interaction to improve the user's training enthusiasm and initiative.



Intuitive Interface

OTParvos[™] is made easy to set up with its intuitive interface. Designed with 19*19 LED array training platform and indicator light, it is user-friendly and could provide different training experience to the users. Being lightweight and portable, OTParvos[™] can be brought around anywhere.

USB Powered

Indicator Light

19*19 LED Array





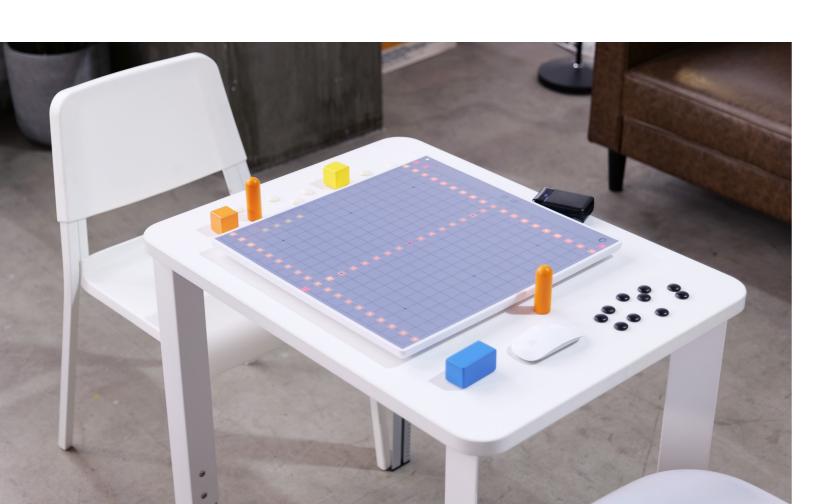


Portable Design

Electromagnetic Sensor







Empowering You

Fourier Rehab is a technology-driven company, infusing creativity into the development of exoskeleton and rehabilitation robotics. Together with researchers, therapists and patients, we aim to excel in developing and redefining rehabilitation robotics solutions with interconnectable intelligent robotics technology by elevating user experience with an intuitive, easy-to-use system to enhance the lives of both patients and therapists.

Fourier Global Research Joint Laboratories and Clinical Partners















































