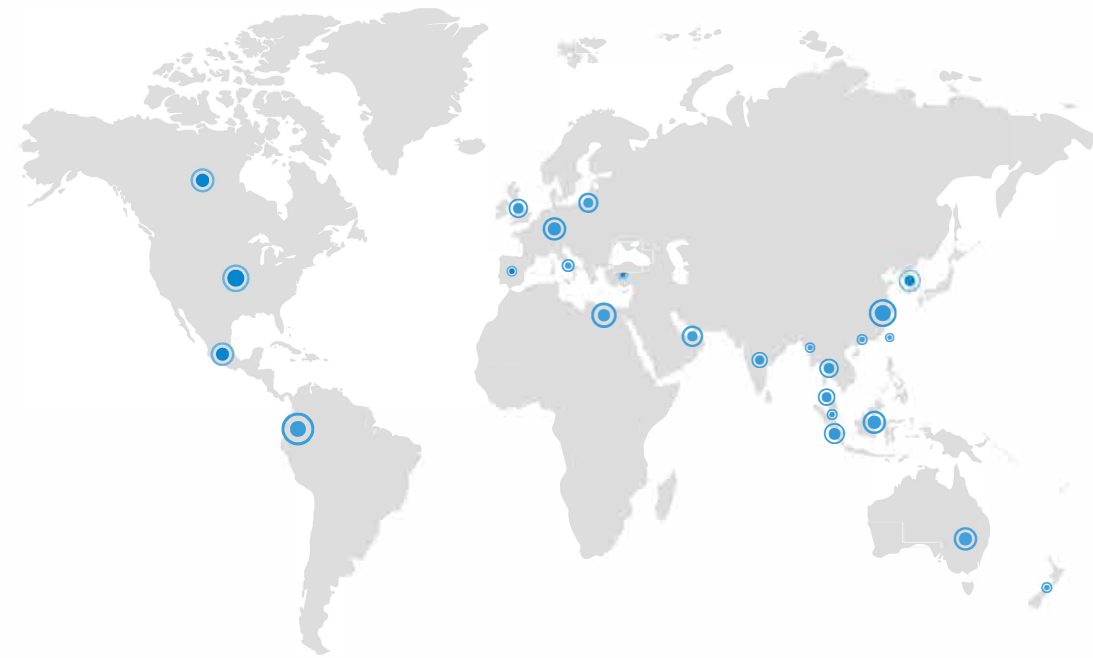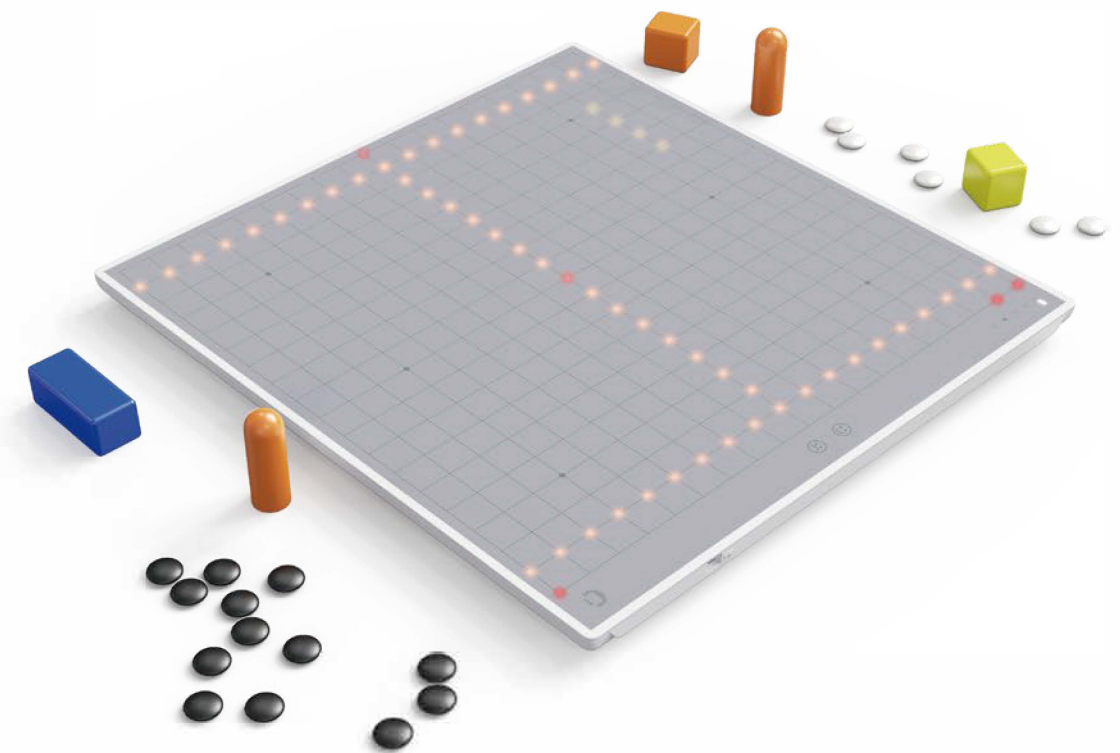Fourier Intelligence Global Partnership Network

OTParvos™ Series
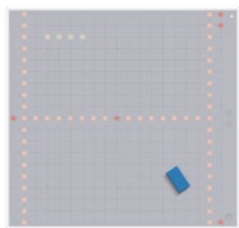
Small Digital OT Training System

OTParvos™ Series

OTParvos™ provides a portable intelligent solution for occupational therapy through electromagnetic sensor, LED array, dynamic control algorithm and AI Artificial Intelligence. By combining a variety of accessories and games, therapists can interact with users in occupational therapy training, so as to improve the motor control ability of upper limbs, fine motor ability of fingers, hand-eye coordination and cognitive ability.
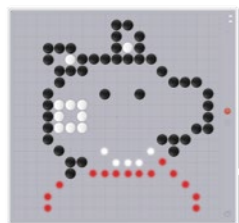
Multiple Training Games

OTParvos™ provides an extensive library of interactive games, which motivates the user to complete different goal-oriented tasks and improve multiple movement functions.
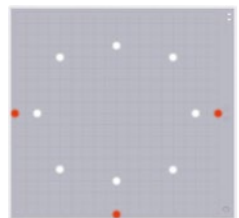
Pinball Training

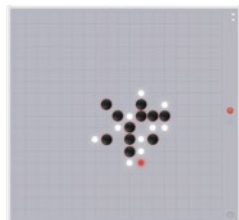Improve hand-eye coordination and quick response ability

Jigsaw Puzzle Training

Practice the concentration, pattern recognition and fine motor ability of users.
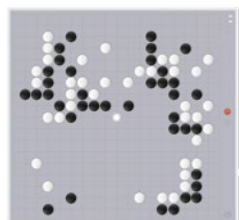
Trajectory Training

Improve upper extremity movement based on task-oriented training.

Gobang Training

Train upper extremity combining with logical thinking.

Weiqi (Go Chess) Training

Strengthen cognitive ability and provide different level of trainings.

Various Available Accessories

OTParvos™ could support daily equipment and traditional tools to be used as accessories through extension magnets, which satisfies different handy training demands.

tip pinch

ball grasp

multiple-tip pinch

ball pinch

lateral pinch

cylindroids grasp

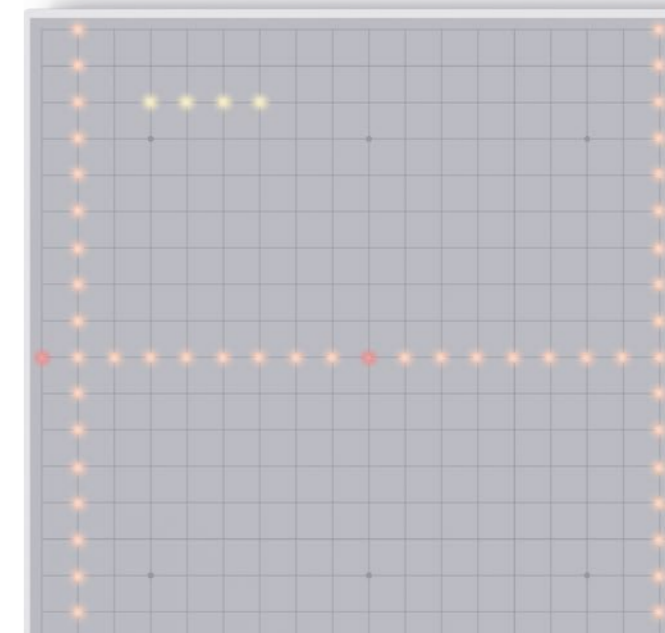—— magnetic blocks

—— wood stick

—— magnetic sheet

—— black & white chess pieces

—— handlebar

Interoperability Training, Motivate Users' Initiatives

Coordination or competition mode assists to motivate the users' initiatives to complete various trainings via distinct interactive games, which in turns to achieve the rehabilitation goals.

Wireless Design, Support Extensible Interconnection Functions

OTParvos™ connects with database to provide various training plans. With the upgrade of firmware, the training platform can be continuously fulfilled.

USB Charge

19*19 LED Array

Indicator Light

Electromagnetic Sensor

AI Application

Portable Design

Firmware Upgrade

Home-Button Design