



Upper Limb Rehabilitation Robot

SY-UEA2



Syrebo®

Upper Limb Rehabilitation Robot SY-UEA2

Syrebo® Upper Limb Rehabilitation Robot adopts a full-featured mobile chassis and high-precision optical positioning technology, providing users with various effective target-oriented training to enhance upper limb strength, speed, and accuracy, and reshape upper limb functionality.

Intelligent recognition of motion parameters,
real-time monitoring of user status.



Ergonomic design,
specialized accessory combination.

4 sets of safety protection systems,
increasing safety assurance.

Adjustable arm length,
suitable for a wide range of patients.

Omni-directional mobile platform,
with an extensive training range.

One-touch height adjustment,
compatible with barrier-free wheelchairs.

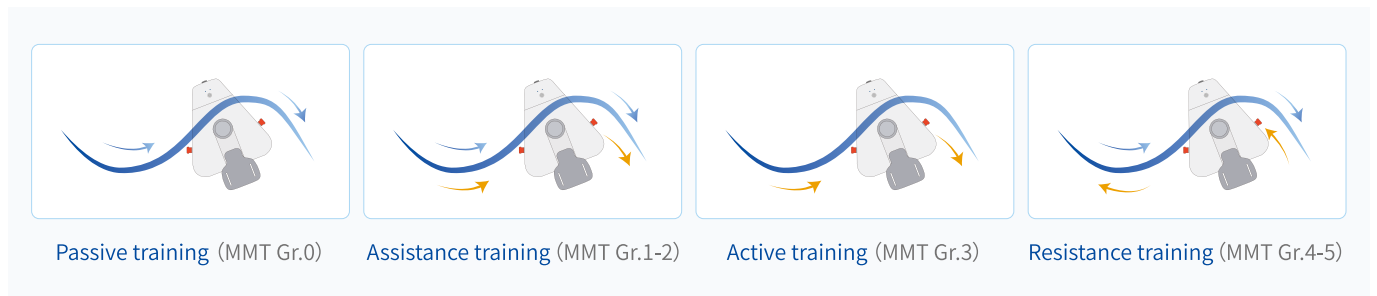
Precision optical positioning,
surpassing industry standards.

Multi-dimensional Training

3 training goals 4 training modes

Motor training

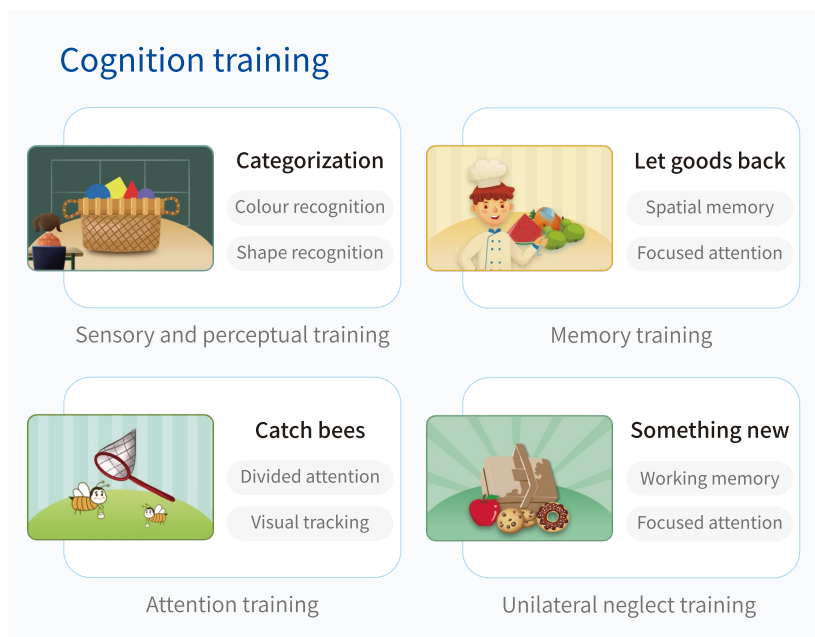
- Cover all stages of rehabilitation



— Host trajectory — Patient trajectory

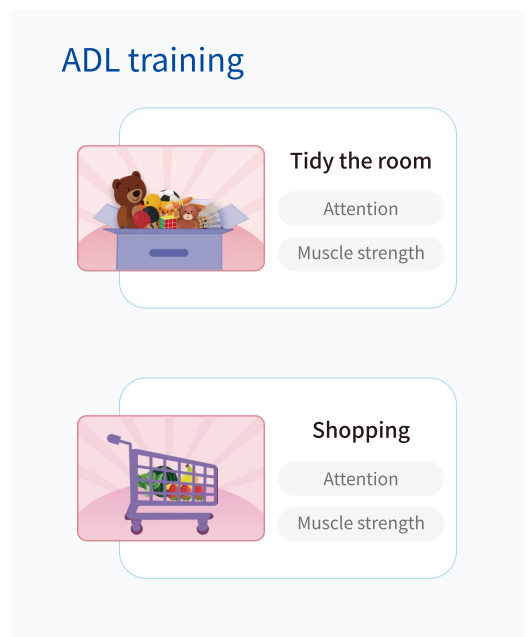
Cognition training

- Improve user's cognitive function, enhance neuroplasticity



ADL training

- Restore user's ability of daily living



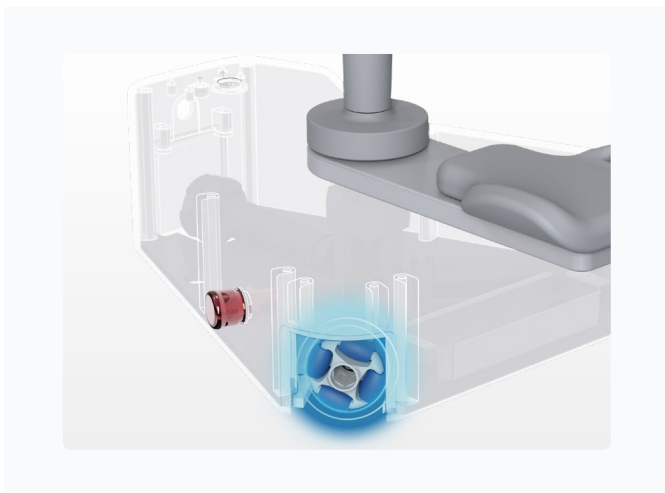
Portable & Compact design Easy to use

Meeting various scenarios, such as bedside and training room



Innovative structure

Omnidirectional moving chassis,
training more freely

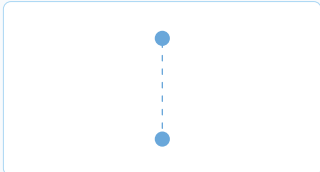
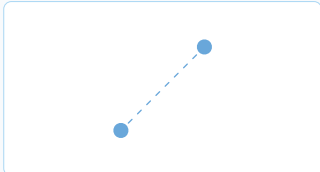
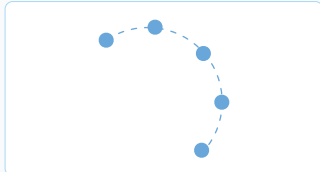
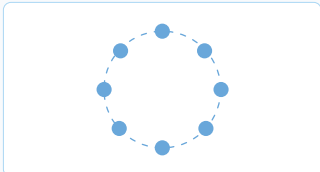
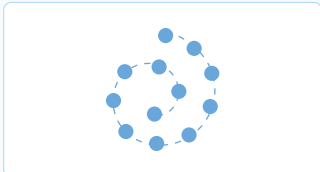
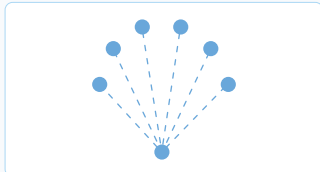


High-precision optical positioning
technology, accuracy reaching
millimeter(mm) level

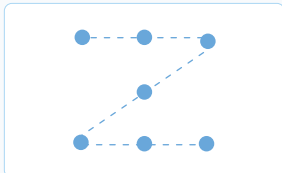
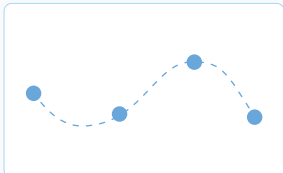
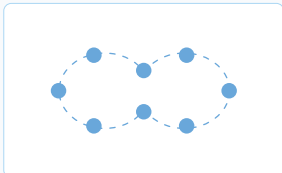
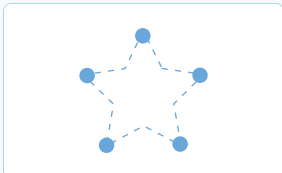


Diversified customizable training programs

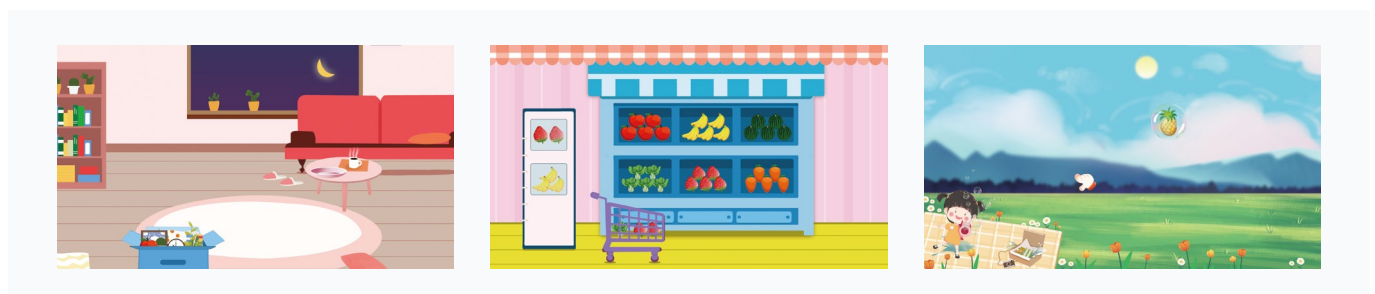
Pre-set trajectory

		
Protraction & retraction of scapula	Elbow joint flexion & extension	Internal & external rotation of shoulder joint
		
Range of motion training	Unilateral neglect training	Balance training

Customize trajectory

			
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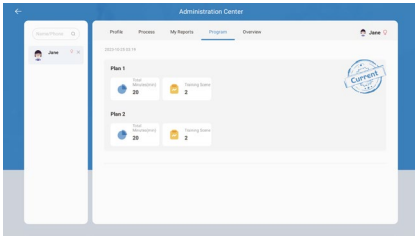
Immersive interaction experience



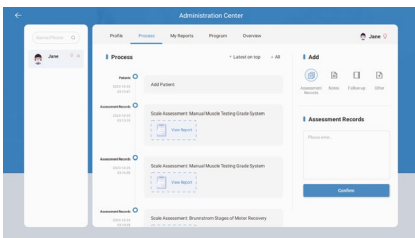
Quantifying Training Process

Intelligent data analysis & evaluation

- Support multi-project training planning

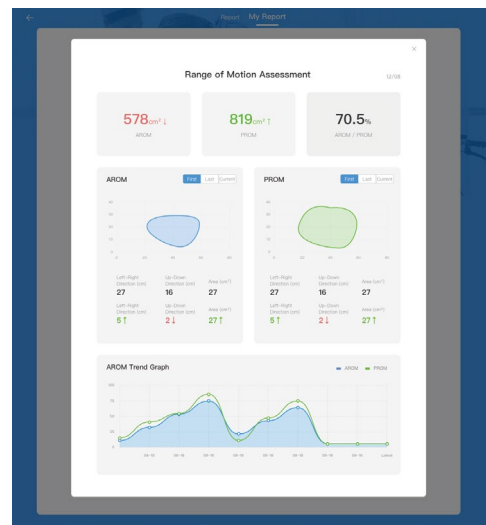


- Combine the evaluation with the training data to quantitatively manage the rehabilitation process



Multi-dimensional feedback

- Speed, strength, range and other parameters are monitored in real-time during training. According to the real-time feedback, the therapist can adjust the rehabilitation training plan in time to achieve closed management of the process.



All-round safety protection

Force limitation Protection Triggered: E10
Please apply force evenly to avoid injury

Exit

Force limitation protection

Device Exception: E2
Please restart the device or contact technical support

Exit

Overload protection

The emergency stop function is activated.: E8
Reset the stop function manually after safety permits

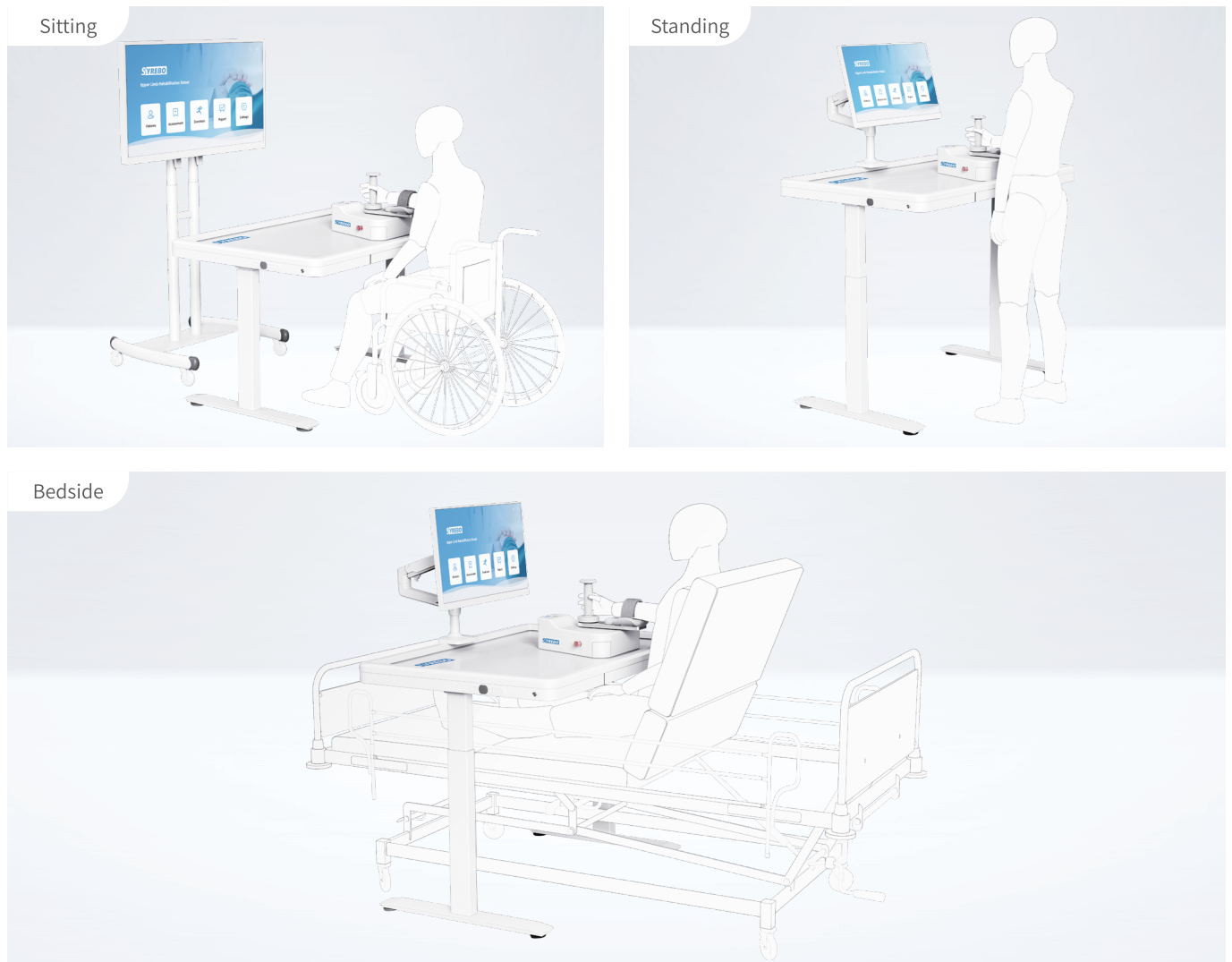
Exit

Emergency stop

Electronic fence touched

Electronic fence

Suitable for multiple scenarios



Indication for Use

Patients with upper limb dysfunction caused by stroke, brain injury, cerebral palsy, hand trauma, parkinson's disease, lymphedema, alzheimer, etc.



Rehabilitation Department



Stroke Center



Neurosurgery Department



Neurology Department



Geriatric Department



Pediatric Department



Orthopaedic Department



Physicaltherapy Department

80⁺ Countries & regions

4000⁺ Medical units

60000⁺ Families



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