

SANARE MEDICAL EXOATLET

 **COSMO ROBOTICS**

Overground Walking Powered Exoskeleton for Rehabilitation



- Wide range of indications (suitable for severely disabled patients with walking disabilities caused by stroke or spinal cord injury)
- Implementation of natural walking patterns (Dorsiflexion)
- Customized walking for each patient (fine adjustments of stride length , height, and speed of walking)
- Quick and easy to put on and take off
- Easy manageability of patient's training data
- High-capacity battery
- Double safety system

Product Specification



User's Height

150cm ~ 190cm



User's Weight

Up to 100kg



Active & Passive

Motion gait support



Customized Walking Setting

Stride length, height, speed



Ankle Movement

Natural walking pattern



Enhanced Product Durability

Certified by KFDA, Europe CE and USA FDA



Indications for Use

Stroke, Parkinson's disease, Spinal Cord Injury, Traumatic Brain Injury, Multiple Sclerosis etc.



Customized Gait Mode Setting Based on Patient Adaptation Indications



Passive Motion Assistance Mode

The therapist can input a specific mode into the device, enabling the patient to consistently and repeatedly engage in ongoing walking training. This is suitable for patients with severe conditions where voluntary walking is challenging.



Step By Step Assistance Mode

This mode is useful for patients with significant initial resistance or low adaptability to the device. In this mode, the therapist provides walking support one step at a time by pressing the button, gradually facilitating adaptation.



Active motion Assistance Mode

The patient needs to exert force according to the sensitivity set on the device to initiate movement. This makes it suitable and efficient for mildly affected patients who can walk to some extent based on their own walking intention.



Affected Mode

This mode is designed for patients with partial paralysis or compromised balance. Through this mode, patients can concentrate on training one specific leg, either the challenging left or right one, especially if walking is difficult for them.

Product Composition

ExoAtlet II

Main Body



Tablet PC

The tablet PC's communication module and the robot body's communication module are connected via Bluetooth, allowing the device to be controlled using the menu on the tablet PC



Accessory

Connect the smart crutches via Bluetooth communication module with the robot body.



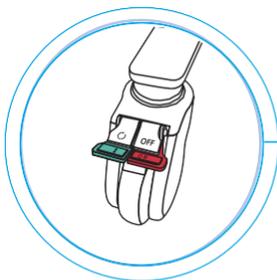
Display panel



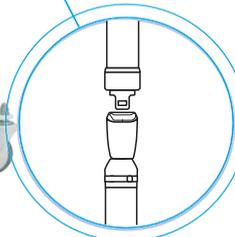
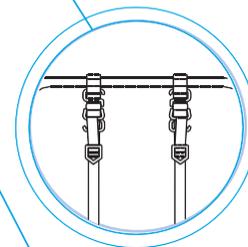
Mobile Suspension

This mobile suspension product is used for effective assistance, with the aim of expanding the indications, giving physio therapists freedom and enhancing safety

Connect the robot and suspension accessories to prevent patient fall and enhance psychological stability



 Green lever for fixing straight walking wheel
 Red lever for fixing the suspension to prevent movement



Using a seat belt system similar to that of a car for quick patient transfer



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