

# The Effects of the Control Strategies of Wearable Lower Limb Rehabilitation Robots

NCT07037849

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<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Eighth Affiliated Hospital, Sun Yat-sen University
<b>Enrollment</b>	10 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Stroke patients aged between 18 and 75 years. Patients who are medically stable and able to stand and walk independently for at least 10 meters during rehabilitation.
- Stroke event occurred at least 3 months ago Patients with impaired lower limb motor function but with some degree of muscle activity in the lower extremities.
- Patients without severe cognitive impairment and capable of understanding and following the treatment protocol.
- Patients without severe balance or coordination disorders, able to maintain balance and perform gait training with assistive devices.
- Patients without lower limb fractures or other serious skeletal issues affecting the lower limbs.

... and 2 more (see full listing online)

### Exclusion (7)

- Severe cognitive impairment that prevents the patient from understanding or complying with the treatment protocol.
- Severe balance or coordination disorders that prevent the patient from maintaining balance and participating in gait training, even with assistive devices.
- Other serious motor disorders, such as abnormal muscle tone or ataxia, which may interfere with the effectiveness of rehabilitation therapy.
- Active cardiovascular disease or other serious systemic illnesses that may affect the patient's safety or treatment outcomes.
- Lower limb fractures or other serious skeletal issues that may impact the suitability and safety of robot-assisted rehabilitation therapy.

... and 2 more (see full listing online)

## Locations (1 total)

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Eight affiliated hospital, Sun Yat-Sen University, Shenzhen, Guangzhou, China