

SIRS-ESWT Trial: Shoulder Internal Rotator Spasticity Trial Treated With Extracorporeal Shock Wave Therapy Trial

NCT06674785

Status	RECRUITING
Phase	Not Applicable
Sponsor	National Taiwan University Hospital
Enrollment	40 participants

Key Eligibility Criteria

Inclusion (5)

- Patients aged 18 years or older with unilateral cerebral stroke.
- Restricted passive external rotation of the spastic shoulder by more than 20 degrees.
- A Modified Ashworth Scale score of 1 or higher for shoulder internal rotator spasticity.
- Stable medical condition and vital signs.
- Clear consciousness, able to follow instructions.

Exclusion (5)

- History of two or more strokes, traumatic brain injury, brain tumors, or other cerebral disorders.
- Coexisting central nervous system disorders (e.g., spinal cord injury, Parkinson's disease) or other musculoskeletal conditions affecting muscle tone assessment.
- Ineligibility for shock wave intervention due to malignancies, coagulation disorders, localized infections, or presence of a pacemaker.
- Prior shock wave intervention or botulinum toxin injection for post-stroke spasticity within the past three months.
- Inability to participate in interventions or functional assessments due to cognitive, consciousness, or language impairments.

Locations (1 total)

Department of Physical Medicine & Rehabilitation , National Taiwan University Hospital, Taipei, Taiwan