

A Prospective Cohort Study of Surgical Treatment for Foot Deformities in HSP

NCT06936163

Status	RECRUITING
Sponsor	Shanghai 6th People's Hospital
Enrollment	100 participants

Key Eligibility Criteria

Inclusion (7)

- Age: 10 to 45 years old.
 - Clinically and molecular genetically confirmed diagnosis of hereditary spastic paraparesis (HSP) with either isolated Achilles tendon contracture or equinovarus cavus deformity.
 - Radiographic (X-ray) or computed tomography (CT) evidence confirming the presence of isolated Achilles tendon contracture or equinovarus cavus deformity.
 - Signed informed consent form by patients/legal guardians for voluntary participation in the clinical study, with full comprehension of and commitment to study protocols .
 - Suboptimal response to standard conservative treatments (pharmacotherapy and/or rehabilitative exercise programs) with progressive worsening of gait abnormalities and foot deformities .
- ... and 2 more (see full listing online)

Exclusion (6)

- Prior history of foot and ankle orthopedic surgery.
 - Severe cognitive impairment or an inability to adhere to postoperative protocols and functional assessments.
 - Isolated Achilles tendon contracture or equinovarus cavus deformity resulting from definitive etiologies (e.g., diabetes mellitus, infectious arthritis, or inflammatory arthropathy).
 - Significant peripheral vascular disease or clinically significant unstable medical conditions, including malignancies, hematologic disorders, and cardiopulmonary, hepatic, or renal insufficiency.
 - Coexisting neurodegenerative or neuromuscular disorders that are unrelated to hereditary spastic paraplegia (HSP).
- ... and 1 more (see full listing online)

Locations (1 total)

Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai Municipality, China