

The Effect of Targeting the Plantaris Muscle-tendon in Surgical Correction of Ankle Equinus in Children

NCT07090057

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Alberta
Enrollment	42 participants

Key Eligibility Criteria

Inclusion (6)

- Ability to provide informed consent/assent in English.
 - Pediatric patients (4-17 years) who have consented for surgery for the management of equinus contracture (either TA lengthening or GN recession) at the Stollery Children's Hospital
 - Known underlying diagnosis of any of the following: idiopathic toe walking, cerebral palsy, hereditary spastic paraparesis, traumatic brain injury, spinal cord injury/tethering, hereditary sensory-motor neuropathy, stroke
 - Ability to maintain hindfoot and midfoot neutral during assessment
 - Passive plantarflexion on affected side greater than 20° and greater than degree of equinus contracture.
- ... and 1 more (see full listing online)

Exclusion (7)

- Unable to provide informed consent/assent in English.
 - Previous surgery for equinus
 - Limb deficiency on affected side
 - Knee flexion contracture of greater than 5°
 - Surgical intervention of the lower extremities below the affected knee in the last twelve months
- ... and 2 more (see full listing online)

Locations (1 total)

Stollery Children's Hospital, Edmonton, Alberta, Canada