

Comparing the Ceriter Stride One, a Pressure-sensitive Smart Insole, With Gait Parameters Measured on the GRAIL in Neurological Populations

NCT07237386

Status	RECRUITING
Phase	Not Applicable
Sponsor	University Hospital, Ghent
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (2)

- Persons suffering a lesion of the central nervous system (stroke, incomplete spinal cord injury, acquired brain injury) who are admitted to the rehabilitation center of the Ghent University hospital or who follow therapy at the rehabilitation center of the Ghent University hospital as outpatients.
- Patients need to be able to walk independently during at least 6 minutes without the need of an extra person (Functional ambulation category 3 or higher).

Exclusion (5)

- Severe orthopedic trauma or acute trauma of the lower limbs influencing walking
- body weight that exceeds 120 kg.
- severe dizziness that makes exercising in standing position impossible
- severe cardio-pulmonary disorders that require monitoring during exercising
- patients who do not understand the task that needs to be performed in this study.

Locations (1 total)

University Hospital Ghent, Ghent, Belgium