

A Head-to-head Study Comparing the Functional Value of Two Models of Robotically Assisted Rehabilitation in SMA (Spinal Muscular Atrophy) Patients

NCT06322654

Status	RECRUITING
Phase	Not Applicable
Sponsor	Wiktor Dega University Orthopedic and Rehabilitation Hospital
Enrollment	200 participants

Key Eligibility Criteria

Inclusion (4)

- Signing of informed consent to participate in the experiment by the participant or the participant's parent/legal guardian
- Diagnosis of SMA (spinal muscular atrophy 1-4) confirmed by genetic testing, symptomatic or pre-symptomatic
- Age between 0 and 21 years of age (will be determined on the day of starting participation in the project based on the date of birth)
- Treatment under a drug program for spinal muscular atrophy, provided that the patient has a diagnosis of spinal muscular atrophy at the date of eligibility.

Exclusion (5)

- Cardio-respiratory disorders requiring invasive ventilation
- Advanced osteoporosis with multiple fractures prior to treatment
- Functional deterioration during the rehabilitation process in the range of scales appropriately selected for the SMA type: PrechtI, HINE, CHOP-INTEND, HFMS, RULM
- Lack of cooperation with the therapist
- Other functional indications preventing exercise

Locations (1 total)

Wiktor Dega University Orthopedic and Rehabilitation Hospital, Poznan, Poland