

# Balance Assessment Scale and Strength Measurement Protocol to Measure Functionality in Adults With Spinal Deformity

NCT04642456

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Universitaire Ziekenhuizen KU Leuven
Enrollment	30 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Adult (>18 years old) subjects suffering from a adult spinal deformity with sagittal or coronal plane misalignment diagnosed on EOS imaging.
- Ability to walk at least 50 meters distance independently without a walking aid.
- No documented neurological disease or vestibular lesion affecting balance nor a current history of musculoskeletal disorders of the lower extremities affecting motor performance.
- Adults (> 18 year old)
- No current history of back pain and spinal deformity.
- ... and 2 more (see full listing online)

### Exclusion (14)

- Age < 18 years old and > 79 years old
- Absence of adult spinal deformity
- Non-ability to walk at least 50 meters distance independently, with or without a walking aid.
- Missing patient informed consent
- Patients presenting with a neurological disease affecting balance other than Parkinson's disease such as stroke and/or Vestibular lesion
- ... and 9 more (see full listing online)

## Locations (1 total)

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UZ Leuven, Leuven, Vlaams-Brabant, Belgium