

Robotic vs. Traditional Verticalization in Patients With Severe Acquired Brain Injury: a Randomized Controlled Trial

NCT06469983

Status	RECRUITING
Phase	Not Applicable
Sponsor	Anna Estraneo
Enrollment	118 participants

Key Eligibility Criteria

Inclusion (6)

- Age between 18 and 75 years;
- sABI due to traumatic, vascular, anoxic, or mixed etiology;
- Stable behavioral/cognitive diagnosis on at least 4 behavioral evaluations in 1 week using the Italian version of the CRS-R in patients with pDoC, or the LCF-based cognitive assessment in patients with eDoC;
- Time post-injury between 28 days and 6 months [1];
- Not recovered upright station;
- ... and 1 more (see full listing online)

Exclusion (6)

- Severe medical conditions hampering verticalization (e.g., severe hypotension or conditions realizing hemodynamic instability, end stage or severe symptomatic heart failure with reduced ejection fraction, cardiac arrhythmia of new diagnosis or arrhythmic flare, severe hepatic failure, chronic severe lower limb arterio-venous disease, sep-sis/septic shock, thrombus venous embolism of new diagnosis, severe autonomic dysreflexia);
- Severe medical conditions hampering lower limb mobilization (e.g., fractures, heterotopic ossifications);
- Severe medical conditions impacting EEG activity (e.g., sub-continuous or abundant EEG epileptiform abnormalities);
- Severe medical conditions influencing consciousness/cognitive status, such as severe hyponatremia or hypoglycemia;
- Contraindications to the use of Erigo®Basic and/or Eri-go®Pro (Hocoma, Volketswil, Switzerland) as per technical data sheet (see Appendix A);
- ... and 1 more (see full listing online)

Locations (6 total)

Polo Specialistico Riabilitativo Fondazione Don Carlo Gnocchi ONLUS, Sant'Angelo dei Lombardi, Avellino, Italy
IRCCS Maugeri Telesse Terme, Telesse Terme, BN, Italy
IRCCS "S. Maria Nascente" - Fondazione Don Gnocchi, Milan, Milan, Italy
... and 3 more locations