

# Multicenter Study That Offers New Solutions for Paediatric Rehabilitation by Proposing a Rehabilitation Plan Based on Each Child's Needs Using New Technological and Robotic Devices, Combined Among Them.

NCT06666829

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Status	RECRUITING
Phase	Not Applicable
Sponsor	IRCCS Fondazione Stella Maris
Enrollment	194 participants

## Key Eligibility Criteria

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### Inclusion (3)

- Confirmed diagnosis of developmental disorder and/or disability, either congenital or acquired;
- Age between 5 and 21 years at the time of recruitment;
- Verbal and/or non-verbal reasoning abilities  $\geq 70$  or  $\geq 5$ th percentile, as assessed by standardized tests such as Colored Progressive Matrices (CPM), WISC-IV or WISC-V, WPPSI-III or WPPSI-IV, Leiter-3, Griffiths III.

### Exclusion (5)

- Presence of severe comorbidities and/or behavioral/cognitive disorders that prevent adequate patient compliance with both conventional and robotic rehabilitation treatment (severe intellectual disability);
- Uncontrolled epilepsy;
- Presence of severe sensory deficits;
- Patients who have undergone orthopedic functional surgery or rhizotomy and/or botulinum toxin treatment in the last 6 months;
- Involvement of the peripheral nervous system

## Locations (6 total)

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IRCCS Giannina Gaslini, Genova, Genova, Italy  
IRCCS Eugenio Medea, Bosisio Parini, Lecco, Italy  
Fondazione Don Gnocchi IRCCS centro "Santa Maria Nascente", Milan, Milano, Italy  
... and 3 more locations