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The effects of sensory integration therapy on daily living skills in children with autism

Submission date	Recruitment status
10/02/2026	No longer recruiting
Registration date	**Overall study status**
10/02/2026	Completed
Last Edited	**Condition category**
16/04/2026	Mental and Behavioural Disorders

[X] Prospectively registered
[_] Protocol
[X] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

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Additional identifiers

Study information

Scientific Title
Effects of sensory integration therapy on daily living skills and treatment adherence in children with autism spectrum disorder: a randomized controlled mixed-methods study

Study objectives

Ethics approval required
Ethics approval required

Ethics approval(s)
Approved 27/01/2026, Cyprus University of Health and Social Sciences Scientific Research Ethics Committee (Cyprus University of Health and Social Sciences, Güzelyurt, 392200, Cyprus; +90 (0) 392 444 57 88; info@kstu.edu.tr), ref: KSTU//2026/138

Primary study design
Interventional

Allocation
Randomized controlled trial

Masking
Open (masking not used)

Control
Active

Assignment
Parallel

Purpose
Treatment

Study type(s)

Health condition(s) or problem(s) studied
Autism spectrum disorder (ASD)

Interventions

Intervention (Experimental Group):
Sensory Integration Therapy (SIT) program will be applied. The intervention period is 8 weeks, with 45-minute sessions twice a week. The aim of the therapy is to improve children's daily living skills and increase compliance with the treatment.

Control (Control Group):
The control group will receive routine education and support services; no additional sensory integration intervention will be applied.

Intervention Type
Behavioural

Primary outcome(s)
1. Daily living skills measured using the Pediatric Evaluation of Disability Inventory (PEDI), pre-test and post-test scores at pre-intervention (baseline) and post-intervention (after 8 weeks)

2. Sensory processing profile measured using Sensory Profile 2 (Duyu Profili-2) at pre-intervention (baseline) and post-intervention (after 8 weeks)

Key secondary outcome(s)

Completion date
07/04/2026

Eligibility

Key inclusion criteria
1. Children aged 4–10 years
2. Diagnosis of Autism Spectrum Disorder (DSM-5) confirmed by a child psychiatrist or documented ongoing diagnostic process
3. Planned continuation at the current educational institution throughout the study period
4. Written informed consent obtained from a parent or legal guardian, and age-appropriate assent from the child

Healthy volunteers allowed
No

Age group
Child

Lower age limit
4 Years

Upper age limit
10 Years

Sex
All

Total final enrolment

Key exclusion criteria
1. Being in the process of receiving sensory integration therapy or having participated in a systematic SIT program in the past
2. Lack of consent from a parent or legal guardian.

Date of first enrolment
10/02/2026

Date of final enrolment
10/02/2026

Locations

Countries of recruitment
Cyprus

Sponsor information

Organisation
Cyprus University of Health and Social Sciences

Funder(s)

Funder type

Funder Name
Cyprus Health and Social Science University

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not expected to be made available

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Other unpublished results			16/04/2026	No	No
Plain English results			16/04/2026	No	Yes
Statistical Analysis Plan			16/04/2026	No	No