

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

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| Submission date 10/02/2026 | Recruitment status No longer recruiting | <input checked="" type="checkbox"/> Prospectively registered |
| Registration date 10/02/2026 | Overall study status Completed | <input type="checkbox"/> Protocol |
| Last Edited 16/04/2026 | Condition category Mental and Behavioural Disorders | <input checked="" type="checkbox"/> Statistical analysis plan |
| | | <input checked="" type="checkbox"/> Results |
| | | <input type="checkbox"/> 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 |

