

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Investigating the Effectiveness of Group Intervention on social skills of children with Autism Spectrum Disorder (Training and Rehabilitation Center for Children with Autism of Isfahan)

Protocol summary

Summary

The objective of the present quasi-experimental study was to investigate the effectiveness of group intervention on the social skills of children with Autism Spectrum Disorder and was conducted using pre-test/post-test and with two experimental and control groups. The population of the study consisted of all children with autism who were trained in Training and Rehabilitation Center for Children with Autism of Isfahan. Among these individuals, 16 participants with ages between 3 to 6 years old were selected as the sample using convenience sampling and were divided into two experimental group (8 participants) and control group (8 participants). Group intervention based on Cotugno (2009) and Shapiro (2004) Model for the experimental group in 48 60-minute sessions during 6 months were conducted and for the control group, there was no intervention. Also, both experimental and control groups trained with Applied Behavior Analysis (ABA). To collect the data of the dependent variable, Social Skills Checklist (Illene et al. 2004) was used. We expect to see increasing the Social Skills (game skills, understanding emotions, problem solving, skills of interaction with the group, verbal communication skills, nonverbal communication skills, beginner in questioning and answering questions skills) in the Experiment group after Group Intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014102919732N2**

Registration date: **2015-01-02, 1393/10/12**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-01-02, 1393/10/12

Registrant information

Name

Alireza Mohseni Ezhiyeh

Name of organization / entity

University of Isfahan

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Recruitment status

Recruitment complete

Funding source

This research was supported by Training and Rehabilitation Center for Children with Autism of Isfahan.

Expected recruitment start date

2014-02-20, 1392/12/01

Expected recruitment end date

2014-08-23, 1393/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the Effectiveness of Group Intervention on social skills of children with Autism Spectrum Disorder (Training and Rehabilitation Center for Children with Autism of Isfahan)

Public title

Group Intervention for Children with Autism

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion: 3-6 years old; diagnosis of Autism by Psychiatrist based on DSM IV; Exclusion: Other neurological disorder such as cerebral palsy; seizure; metabolic disorder; change in drugs during the intervention, lack of cooperation and not participating in assessment session.

Age

From **3 years** old to **6 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **16**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of University of Isfahan

Street address

University of Isfahan, Hezar Jarib St, Azadi Sq, Isfahan.

City

Isfahan

Postal code

Approval date

2014-10-09, 1393/07/17

Ethics committee reference number

93/58141

Health conditions studied

1

Description of health condition studied

Autism Spectrum Disorder

ICD-10 code

F84.0

ICD-10 code description

Childhood autism

Primary outcomes

1

Description

group game skills

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

2

Description

understanding emotions

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

3

Description

problem solving

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

4

Description

skills of interaction with the group

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

5

Description

verbal communication skills

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

6

Description

nonverbal communication skills

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

7

Description

beginner in questioning and answering questions skills

Timepoint

1 week before intervention and 1 week after intervention

Method of measurement

Social Skills Checklist

Secondary outcomes

empty

Intervention groups**1****Description**

Control group: This group was not trained in the way of group intervention.

Category

Other

2**Description**

Experimental group: Group intervention for the experimental group was conducted in 48 60-minute sessions during 6 months. This type of intervention attempts to train social skills in group and in a natural context.

Category

Rehabilitation

Recruitment centers**1****Recruitment center****Name of recruitment center**

Training and Rehabilitation Center for Children with Autism of Isfahan

Full name of responsible person

Hamid Reza Arab Baferiani

Street address

No. 34, Shahin St, Imam Khomeini St, Jomhuri Sq, Isfahan.

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Isfahan

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Training and Rehabilitation Center for Children with Autism of Isfahan

Full name of responsible person

Hamid Reza Arab Baferiani

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No. 34, Shahin St, Imam Khomeini St, Jomhuri Sq, Isfahan.

City

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Training and Rehabilitation Center for Children with Autism of Isfahan

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

empty

Person responsible for general inquiries**Contact****Person responsible for scientific inquiries****Contact****Name of organization / entity**

University of Isfahan

Full name of responsible person

Alireza Mohseni Ezhiyeh

Position

MA student of Psychology of Children with Special Needs

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Person responsible for updating data**Contact****Name of organization / entity**

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Full name of responsible person

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Position

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty