Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Evaluation Effect of PRT Training to mothers on Improving the Communication Skills of Nonverbal Autism Spectrum Disorder Children

Protocol summary

Study aim
Evaluation Effect of PRT Training to mothers on Improving the Communication Skills of Nonverbal Autism Spectrum Disorder Children

Design
Clinical trials, Has a control group, community based and pragmatic, double blind, randomized, with 52 patients

Settings and conduct
Autism centers of Khuzestan province, after sampling, individuals are randomly assigned into intervention and control groups. Speech/language and communication scores and socialization of children The autism spectrum was measured before intervention, one week after the intervention and one month after the intervention. Also, at the beginning of the study, the demographic data of the child, mother and family will be gathered by the mother asking questions

Participants/Inclusion and exclusion criteria
include: 1-age of the child Autistic Spectrometer 3-6 years 2-child Autism Spells 3-The absence of other associated disorders such as Down Syndrome And physical disabilities such as cerebral palsy 4- mother's Literacy at least Primary school 5-Mother language is Persian 6-Satisfaction of individuals to participate in the study 7-Children with autism with maximum standard deviation of speech/communication language 3± and a maximum standard deviation of 10± Exclude:No regular mothers' participation in training sessions

Intervention groups
Responsive interventional method is designed to enhance the verbal responsiveness of parents to children who are being taught to improve their child's ability to communicate with the etitism spectrum

Main outcome variables
Speech/Language and Communication Scores The autism spectrum (based on the ATEC test) in the case and control group before and after the intervention is different from the pre-interventional one. The child's socialization rate of the autistic spectrum (based on the ATEC test) after the intervention, case and control in the case group is different from the control group.

General information

Reason for update

Acronym
PRT

IRCT registration information
IRCT registration number: **IRCT20180518039703N1**
Registration date: **2018-07-04, 1397/04/13**
Registration timing: **registered_while_recruiting**

Last update: **2018-07-04, 1397/04/13**
Update count: **0**

Registration date
2018-07-04, 1397/04/13

Registrant information

Name
Farzaneh Abdi

Name of organization / entity

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Iran (Islamic Republic of)

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+98 61 4228 5268

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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-07-01, 1397/04/10

Expected recruitment end date
2018-10-02, 1397/07/10

Actual recruitment start date
empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation Effect of PRT Training to mothers on Improving the Communication Skills of Nonverbal Autism Spectrum Disorder Children

Public title

An Investigation effect of Responsive Intervention Method on Improving Speech and Communication in Children Autism

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

The child has no austerity The absence of other abnormalities (Except for the autism spectrum), such as Down syndrome and physical disorders, including cerebral palsy At least the mother's literacy is a primary school and the mother language is Persian and also the satisfaction of people to participate in the study. Children with autism with a maximum standard deviation of speech / communication language 3 ± and a maximum standard deviation of 10 ±

Exclusion criteria:

The lack of regular mothers' participation in training sessions

Age

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

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Investigator

Sample size

Target sample size: **52**

Randomization (investigator's opinion)

Randomized

Randomization description

Individuals are randomly assigned to two groups of intervention and control (with the help of a random number table)

Blinding (investigator's opinion)

Double blinded

Blinding description

Both the participants and the researcher will be unaware of their professional skills

Placebo

Not used

Assignment

Parallel

Other design features

This method is very effective, and contrary to the previous educational methods in which the child was forced to obey the teacher according to the previous plan.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Ahvaz Jundishapur University of Medical Sciences

Street address

Ahvaz Jundishapur University of Medical Sciences, Golestan St, Ahvaz, Iran.

City

Ahvaz

Province

Khouzestan

Postal code

15794-61357

Approval date

2018-02-02, 1396/11/13

Ethics committee reference number

IR.AJUMS.REC.1396.1113

Health conditions studied

1

Description of health condition studied

Children have no autistic spectrum

ICD-10 code

Schizophre

ICD-10 code description

Chapter VMental and behavioural disorders(F00-F99)

Primary outcomes

1

Description

Speech / Language score and child autism spectrum communication

Timepoint

12 sessions per week will be followed by a one-and-a-half hour session, and 12 sessions of routine therapy (including Applied Behavioral Analysis treatment) will be provided for these children. Control group children receive routine treatment at the center for 24 sessions

Method of measurement

Autism Spectrum Evaluation Checklist (ATEC)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: For 12 sessions a week, one session will be followed by one and a half hours. Also, 12 sessions of routine treatment (including Applied Behavioral Analysis treatment) will be provided for these children.

Category

Behavior

2

Description

A routine treatment (including ABA treatment) is given for 24 sessions

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Farzaneh Rehabilitation Center for Autistic Spectrum Disorders

Full name of responsible person

Farzaneh Abdi

Street address

between Aristotle and Qarani Streets, Wafa Street, Dezful.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

Mohammad Badawi

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Web page address

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Ahvaz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

Hosseyn Rezaaii

Position

teacher

Latest degree

Master

Other areas of specialty/work

Speech therapy

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available
Study Protocol
Undecided - It is not yet known if there will be a plan to make this available
Statistical Analysis Plan
Undecided - It is not yet known if there will be a plan to make this available
Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available
Clinical Study Report
Undecided - It is not yet known if there will be a plan to make this available
Analytic Code
Undecided - It is not yet known if there will be a plan to make this available
Data Dictionary
Undecided - It is not yet known if there will be a plan to make this available