

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of personality traits and emotional expression between parents of autistic children and parents of normal children and the relationship between parents' personality traits and severity of symptoms

Protocol summary

Study aim

Investigating the existence of personality disorder or emotional problems in parents of autistic children and the effect of these cases on the severity of symptoms in their children

Design

The clinical trial has an intervention group and a control group with 60 people in each group as a sampling available in treatment clinics and groups related to autistic people. Questionnaires are distributed in these groups and drug intervention is not performed.

Settings and conduct

A questionnaire assessment including the Minnesota Multifaceted Personality Test, Emotional Expression Test and Gilliam's Test for parents of autistic children in both paper and online forms and the Minnesota Multifaceted Personality Test and Emotional Expressiveness Test for parents of children with normal development in the form of a written and online questionnaire. . The place of testing is in the clinics related to the Iranian Autism Association and Dr. Rivandi's speech therapy clinic and in the homes of these people in Tehran.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Parents of autistic children and parents of normal children/ having a child with autism disorder and having a normal child without any psychological disorder. Regardless of the gender restrictions of parents and children exclusion criteria: having a child over 15 years old for both intervention and control groups

Intervention groups

Parents of autistic children (intervention group) Parents of children with normal development (control group) Regardless of gender in parents and children in intervention and control groups Investigating personality traits and emotional expressiveness in parents of autistic children under 15 years of age and children with normal

development through MMPI, EEQ questionnaires symptoms severity in autistic children using the Gilliam questionnaire

Main outcome variables

Severity of autism symptoms

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20230918059456N1**

Registration date: **2023-10-21, 1402/07/29**

Registration timing: **prospective**

Last update: **2023-10-21, 1402/07/29**

Update count: **0**

Registration date

2023-10-21, 1402/07/29

Registrant information

Name

Shamila Sattari Tamali

Name of organization / entity

The University of Khatam

Country

Iran (Islamic Republic of)

Phone

+98 21 7790 8341

Email address

sh.sattari@khatam.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-10-22, 1402/07/30
Expected recruitment end date
 2023-12-22, 1402/10/01
Actual recruitment start date
 empty
Actual recruitment end date
 empty
Trial completion date
 empty

Scientific title
 Comparison of personality traits and emotional expression between parents of autistic children and parents of normal children and the relationship between parents' personality traits and severity of symptoms

Public title
 Comparison of personality traits and emotional expression between parents of autistic children and parents of normal children and the relationship between parents' personality traits and severity of symptoms

Purpose
 Other

Inclusion/Exclusion criteria
Inclusion criteria:
 Parents with an autistic child or teenager Parents with children or teenagers with normal development
Exclusion criteria:

Age
 No age limit

Gender
 Both

Phase
 N/A

Groups that have been masked
No information

Sample size
 Target sample size: **120**

Randomization (investigator's opinion)
 N/A

Randomization description

Blinding (investigator's opinion)
 Not blinded

Blinding description

Placebo
 Not used

Assignment
 Other

Other design features

Secondary Ids
 empty

Ethics committees

1

Ethics committee
Name of ethics committee
 Ethics Committee of Shahid Beheshti University
Street address

Shahid Shahriari Square, Evin, Tehran
City
 Tehran
Province
 Tehran
Postal code
 1983969411
Approval date
 2023-05-29, 1402/03/08
Ethics committee reference number
 IR.SBU.REC.1402.104

Health conditions studied

1

Description of health condition studied

Autism
ICD-10 code
 F84.0
ICD-10 code description
 Autistic disorder

Primary outcomes

1

Description
 Severity of autism symptoms
Timepoint
 While studying
Method of measurement
 Gilliam questionnaire

2

Description
 Parents' personality traits
Timepoint
 While studying
Method of measurement
 MMPI questionnaire

3

Description
 Parents' emotional expression
Timepoint
 While studying
Method of measurement
 EEQ questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
 Intervention group: Investigating personality traits and

emotional expressiveness in parents of autistic children under 15 years old through MMPI, EEQ questionnaires and investigating the severity of symptoms in autistic children using Gilliam's questionnaire

Category

N/A

2

Description

Control group: investigation of personality characteristics and the level of emotional expression in parents of children under 15 years old with normal development through MMPI, EEQ questionnaires

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Rivandi Clinic

Full name of responsible person

Shamila Sattari Tamali

Street address

Rivandi Speech Therapy Clinic, East 3rd Floor, Sepehr Doctors Building, Hashemi Alley., after Khavaran Culture Center, Khavaran St., Tehran

City

Tehran

Province

Tehran

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1799733375

Phone

+98 912 612 0240

Email

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2

Recruitment center

Name of recruitment center

Iran Autism Association

Full name of responsible person

Shamila Sattari Tamali

Street address

Tehran Province, Tehran, No.8, Lale Blvd., Sattari Expy

City

Tehran

Province

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۱۴۷۳۹۹۷۶۳

Phone

+98 21 4808 5000

Email

info@irautism.org

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

The university of Khatam

Full name of responsible person

Shamila Sattari Tamali

Street address

Khatam University, No. 30, Hakim Azam St., Mollasadrah St., North Shiraz St., Tehran

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Grant name

Grant code / Reference number

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

No

Title of funding source

Shamila Sattari Tamali

Proportion provided by this source

100

Public or private sector

Private

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

The University of Khatam

Full name of responsible person

Shamila Sattari Tamali

Position

Student

Latest degree

Bachelor

Other areas of specialty/work

Psychology

Street address

NO.16, south Komijani st., west Golbarg st., Haft Hoz Sq., Narmak, Tehran, Iran

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Person responsible for scientific inquiries

Contact

Name of organization / entity

The University of Khatam

Full name of responsible person

Shamila Sattari Tamali

Position

Student

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Person responsible for updating data

Contact

Name of organization / entity

The University of Khatam

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

This research work will be published in my master's thesis

When the data will become available and for how long

After publishing the results

To whom data/document is available

Researchers in medical clinics and universities and research centers

Under which criteria data/document could be used

Any use of the documents should be done in coordination with the author and the moderator of this research and by clearly mentioning the source.

From where data/document is obtainable

To my e-mail address Shamila Sattari:
shamila.sattari67@gmail.com

What processes are involved for a request to access data/document

After knowing the type of study and the subject of the study and coordinating with the instructor and the discretion of the author and executive, the data will be provided to the applicant.

Comments