

# 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

**Postal code**

1799733375

**Phone**

+98 912 612 0240

**Email**

shamila.sattari67@gmail.com

**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**

Tehran

**Postal code**

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

**City**

Tehran

**Province**

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**Postal code**

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**Phone**

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**Email**

sh.sattari@khatam.ac.ir

**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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**Email**

sh.sattari@khatam.ac.ir

## Person responsible for scientific 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

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## Person responsible for updating data

### Contact

**Name of organization / entity**

The University of Khatam

**Full name of responsible person**

Shamila Sattari Tamali

**Position**

Student

**Latest degree**

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**Other areas of specialty/work**

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**Postal code**

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**Phone**

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**Fax**

**Email**

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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