Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 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 disprder. 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

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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

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Phone

+98 21 4808 5000

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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

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Person responsible for scientific inquiries

Contact

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Person responsible for updating data

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Name of organization / entity
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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 publishinging 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