Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

The Effect of Parent Management Training on the mother-child relationship and self-criticism in mothers of children with attention deficit hyperactivity disorder

Protocol summary

Study aim

The Effect of Parent Management Training on the mother-child relationship and self-criticism in mothers of children with attention deficit hyperactivity disorder at "Pishgaman Omid Children's Rehabilitation Center", 2025,2026

Design

PMT will be held for the intervention group. The intervention group will be the same as the control group, and the study will not be blinded. The sampling method will be census, and the trial phase is not applicable to this study.

Settings and conduct

All parents with children aged 4 to 12 years old diagnosed with ADHD who refer to the Urmia Pioneers of Hope Children's Rehabilitation Center in January 2026 will be selected by census method and will receive parent management training sessions in 8 one-hour sessions over 8 weeks

Participants/Inclusion and exclusion criteria

Entry criteria include:1)Parents must be willing to participate in PMT sessions and join the study. 2) The child’s age must be between 4 and 12 3) Parents must not have significant physical disorders, psychological issues, intellectual disability, or chronic illness. 4) ADHD must be diagnosed by a psychiatrist. 5) Parents must have at least basic literacy skills. 6) Parents must not have participated in similar training programs in the past 6 months. Exclusion criteria include missing more than one parent management training session, unwillingness to continue the study, and the occurrence of a crisis.

Intervention groups

In this study, the prototype sample will include all parents of children aged 4 to 12 with ADHD who referred to the Omid Pioneers Children's Rehabilitation Center in Urmia in January. 38 children and their parents will enter the study if they meet the inclusion criteria. parents will receive parent management training in one-hour sessions per week for eight weeks.

Main outcome variables

Mother-Child Relationship Score Mothers' Self-Criticism Score

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20140212016564N17**
Registration date: **2026-02-08, 1404/11/19**
Registration timing: **prospective**

Last update: **2026-02-08, 1404/11/19**
Update count: **0**

Registration date

2026-02-08, 1404/11/19

Registrant information

Name

Molood Radfar

Name of organization / entity

Urmia University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 44 1275 4961

Email address

radfar.m@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2026-02-14, 1404/11/25

Expected recruitment end date

2026-02-19, 1404/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Parent Management Training on the mother-child relationship and self-criticism in mothers of children with attention deficit hyperactivity disorder

Public title

The Effect of Parent Management Training on the mother-child relationship and self-criticism in mothers of children with attention deficit hyperactivity disorder

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Parents must be willing to participate in parent management training sessions and join the study The child’s age must be between 4 and 12 years old Parents must not have significant physical disorders, psychological issues, intellectual disability, or chronic illness ADHD must be diagnosed by a psychiatrist Parents must have at least basic literacy skills Parents must not have participated in similar training programs in the past 6 months

Exclusion criteria:

The child has autism spectrum disorder along with attention deficit hyperactivity disorder.

Age

From **4 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **38**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee of Urmia university of Medical Scinces

Street address

Urmia University of Medical Sciences and Health Service$_9$, Next Emergency Center, Resalat Blvd

City

Urmia

Province

West Azarbaijan

Postal code

5714783734

Approval date

2025-10-22, 1404/07/30

Ethics committee reference number

IR.UMSU.REC.1404.344

Health conditions studied

1

Description of health condition studied

Attention deficit hyperactivity disorder

ICD-10 code

F90.0

ICD-10 code description

Attention-deficit hyperactivity disorder, predominantly inattentive type

Primary outcomes

1

Description

Self-criticism score on the Thompson-Zoroff questionnaire

Timepoint

Before the start of the intervention, immediately after the end of the intervention, and one month after the end of the intervention

Method of measurement

Thompson-Zoroff Self-Criticism Questionnaire

2

Description

Mother-child relationship score in the Pianta questionnaire

Timepoint

Before the start of the intervention, immediately after the end of the intervention, and one month after the end of the intervention

Method of measurement

Pianta Parent-Child Relationship Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: The intervention group, consisting of parents of children aged 4 to 12 with ADHD, will receive parent management training in 8 one-hour sessions over 8 weeks. Each week, one session will be held for one hour at the Pishgaman Omid Urmia center.
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Pishgaman Omid Center
Full name of responsible person
Dr.Solaimani
Street address
Sadi street, Boustan avenue, Pishgaman Omid Center, Urmia
City
Urmia
Province
West Azarbaijan
Postal code
33746-57351
Phone
+98 44 3368 6177
Email
msoleymani21@yahoo.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Oroumia University of Medical Sciences
Full name of responsible person
Saber Gholizadeh
Street address
Urmia University of Medical Sciences and Health Service, Next Emergency Center, Resalat Blvd
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5714783734
Phone
+98 44 3223 1930
Email
research@umsu.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Oroumia 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
Oroumia University of Medical Sciences
Full name of responsible person
Molood Radfar
Position
Professor of Nursing
Latest degree
Ph.D.
Other areas of specialty/work
Nursery
Street address
Urjance alley, Resalat Blvd, Urmia
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Person responsible for scientific inquiries

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Person responsible for updating data

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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
Yes - There is a plan to make this available

Informed Consent Form
Yes - There is a plan to make this available

Clinical Study Report
Yes - There is a plan to make this available

Analytic Code
No - There is not a plan to make this available

Data Dictionary
Yes - There is a plan to make this available

Title and more details about the data/document
Demographic information including the gender and average age of children, average age and education level of mothers, employment status, number of children, number of affected children, and the birth order of the affected child, as well as information related to the impact of parent management training on mother-child relationships and self-criticism before, immediately after, and one month after the intervention, will be published while maintaining confidentiality. The exact location and time of the sessions will also be published.

When the data will become available and for how long
Access period begins 6 months after results are published

To whom data/document is available
All professors and students will have access to the published data

Under which criteria data/document could be used
The use of data for other studies and for scientific purposes by professors and students is permitted.

From where data/document is obtainable
In-person visit to Urmia University of Medical Sciences and obtaining documents by visiting Dr. Moloud Radfar. Sending a request for access to documents via email to Dr. Moloud Radfar: Radfar.m@umsu.ac.ir. Sending a request for access to documents via email to Parnaz Delavar: Parnazdelavar4@gmail.com. Making a phone call to Parnaz Delavar's mobile number: 09038817963.

What processes are involved for a request to access data/document
All professors and students, by presenting their academic credentials and visiting Urmia University of Medical Sciences, can access the data and documents. Additionally, it is possible to send a request to Dr. Moloud Radfar's email or contact Parnaz Delavar's mobile number.

Comments