

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Jul 2026

Comparing The Effectiveness of Combined Program of Parent Management Training and Parenting Training based Acceptance and Commitment Therapy with The Effectiveness of Combined Program of Parent Management Training and Mindful Parenting Training On Parental stress, Parent-Child relationship and Child's Externalizing Problems

Protocol summary

Study aim

The two therapies based on acceptance and commitment, and mindfulness are part of the third wave of behavioral therapy that has recently entered the field of parenting. In addition, there are similarities between the two approaches, we want to know which approaches in combination with Parent Management Training are clinically more effective.

Design

A clinical trial with a control group. With parallel groups. One-way blind. Randomized. On 45 mothers. The lottery is used for randomization.

Settings and conduct

The study will be done at Nikan school. The school is invited to participate in a parenting education research project and volunteer mothers are asked to register. Mothers' names are written on paper and randomly placed in each of the three groups. All three groups will come to school. Two experimental groups and one control group. The two experimental groups are taught and the control group receives only general information about the child and online teaching. Here, people are not aware that they are an experimental group or control. All groups will be pre-tested and post-tested.

Participants/Inclusion and exclusion criteria

Inclusion criteria: having a child whose age ranges from 4 to 9 years old as well as the presence of externalized behavioral problems in the child. Exclusion criteria: the existence of psychiatric diseases in the mother or child, receiving psychological services at the same time as the research

Intervention groups

One group receives a Combined Program of Parent Management Training and Parenting Training based

Acceptance and Commitment Therapy And another group receives a Combined Program of Parent Management Training and Mindful Parenting Training. The control group is given only general information about the child and online school teaching.

Main outcome variables

Parental stress; Parent-Child relationship; Child's Externalizing Problems

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20211006052688N1**

Registration date: **2021-12-06, 1400/09/15**

Registration timing: **retrospective**

Last update: **2023-02-13, 1401/11/24**

Update count: **1**

Registration date

2021-12-06, 1400/09/15

Registrant information

Name

Farzaneh کوثری

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 23 3362 3300

Email address

farzane.kosari@semnan.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-12-04, 1400/09/13

Expected recruitment end date

2021-12-04, 1400/09/13

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing The Effectiveness of Combined Program of Parent Management Training and Parenting Training based Acceptance and Commitment Therapy with The Effectiveness of Combined Program of Parent Management Training and Mindful Parenting Training On Parental stress, Parent-Child relationship and Child's Externalizing Problems

Public title

Comparing Combined Program of Parent Management Training and Parenting Training based Acceptance and Commitment Therapy with Combined Program of Parent Management Training and Mindful Parenting Training On Parents and Child

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Having a child in the age of 4 to 9 years Existence of externalized behavioral problems in the child based on the Eyberg Child Behavior Inventory (ECBI) Living with a spouse The mother tends to attend parenting sessions Having a diploma for the mother at least

Exclusion criteria:

Existence of psychiatric illnesses and use of psychiatric drugs in the mother or child based on the researcher's psychological interview Existence of chronic medical disease in mother or child Absenteeism of mothers in training sessions Being in a state of divorce Expressing unwillingness to participate in further research Receiving psychological services at the same time as research

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

- Participant

Sample size

Target sample size: 45

Randomization (investigator's opinion)

Randomized

Randomization description

Simple random lottery type Three dishes are placed. An intervention container 1(ACT). An intervention container 2 (Mindfulness). A container of the control group. The

names of all participants are placed in the bag and one person is selected with their eyes closed and placed in intervention container 1. The name of the second person is selected again with closed eyes and placed in the 2nd intervention container. The third name is for the control group. This is done until the name of the last participant.

Blinding (investigator's opinion)

Single blinded

Blinding description

All three groups to be trained do not know whether they are experimental or control. In the control group, only mothers gather at school and talk about general topics, but do not receive specialized training.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Semnan University of Medical Sciences

Street address

Headquarter of Semnan University of Medical Sciences and Health Services, Bassij Blvd, Semnan, Iran

City

Semnan

Province

Semnan

Postal code

35147-99442

Approval date

2021-10-25, 1400/08/03

Ethics committee reference number

IR.SEMUMS.REC.1400.191

Health conditions studied

1

Description of health condition studied

Parental stress

ICD-10 code

ICD-10 code description

2

Description of health condition studied

Parent-Child relationship

ICD-10 code

ICD-10 code description

3

Description of health condition studied

Child's Externalizing Problems

ICD-10 code

ICD-10 code description

4

Description of health condition studied

Combined Program of Parent Management Training and Parenting Training based Acceptance and Commitment Therapy

ICD-10 code

ICD-10 code description

5

Description of health condition studied

Combined Program of Parent Management Training and Mindful Parenting Training

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Parental Stress in Abidin Parenting Stress Index (PSI)

Timepoint

Beginning and end of the study

Method of measurement

Abidin Parenting Stress Index (PSI)

2

Description

Parent-Child Relationship in Pianta Parent-Child Relationship Scale (PCRS)

Timepoint

Beginning and end of the study

Method of measurement

Pianta Parent-Child Relationship Scale (PCRS)

3

Description

The child's externalized problems in Eyberg Child Behavior Inventory (ECBI)

Timepoint

Beginning and end of the study

Method of measurement

Eyberg Child Behavior Inventory (ECBI)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group 1: The 8-session parent management Training program based on Sanders model (2000) will be combined with the 8-session parenting program based on acceptance and commitment based on the book The Joy of Parenting by Coyne & Murrell (2009). In the first to eighth sessions, parenting is taught based on acceptance and commitment, and in the ninth to sixteenth sessions, parent management training is taught. A 2-hour session is taught each week. Description of meetings; The first session of conceptualizing parenting based on acceptance and commitment and explaining the types of families from the perspective of acceptance and commitment method. The second session explains the products of the mind and the result of following the mind. Session 3 Cognitive flexibility using the metaphor of the guest and the small house. The fourth session uses the metaphor of the island and challenges the mother to her own upbringing. The fifth session teaches the precedent, behavior and consequences and how to create a vicious cycle in the relationship. Computer metaphor for teaching communication with the mind. Sixth training session to be kind to yourself to create empathy with the mother. Expressing values and living based on values. Funeral metaphor. The seventh session of teaching short-term, medium-term, and long-term goals about values. The eighth session teaches careful communication with the child. Session 9: Familiarity with children's externalized problems and causes of child abuse, teaching positive interaction and presenting its logic. Session 10 Presenting the logic of physical love and how to communicate verbally and empathically with the child. Session 11 How to praise and pay positive attention and how to instruct children. Session 12 Explain the logical consequence of the behavior and the need to use it. Session 13 Behavior chart training for daily and repetitive behaviors. Session 14 How to deal with behavioral problems and ignore training. Sixteenth session of deprivation education and its principles. The sixteenth session teaches how to deal with the child in situations outside the home. Conclusion

Category

Other

2

Description

Intervention group 2: The 8-session program of parent management training based on Sanders model (2000) will be combined with the 8-session program of mindful parenting based on the model of Bögels & Restifo (2014). In the first to eighth sessions, mindful parenting is taught, and in the ninth to sixteenth sessions, parental management training is taught. A 2-hour session is taught each week. Description of meetings; The first session explains the term logical-non-reactive parenting, mindfulness training and meditation. The second session sees the child with a beginner's mind and training to examine the body. Session 3 Practice Delaying Judgment, Recognizing Signs of Stress During Parenting, Awareness of Body and Mind. Session 4 Explain the

effect of thoughts on increasing stress, responding instead of reacting to the child. Session 5 Explains dysfunctional intergenerational patterns, teaching parental compassion and kindness to oneself. The sixth session of teaching relationship reconstruction, seeing the child's point of view, and making love. Session 7 Setting rules and regulations in a conscious way Session 8 Starting a conscious mind journey in parenting. The program of the ninth to sixteenth sessions is similar to the first intervention group.

Category

Other

3**Description**

Control group: General description of the child without parenting education

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Nikan Primary School

Full name of responsible person

Hamid Arjaneh

Street address

Nikan Primary School, Saba Complex, Dehkhoda Street, Modarres Blvd

City

Semnan

Province

Semnan

Postal code

3514983791

Phone

+98 23 3343 3132

Email

farzane.kosari@yahoo.com

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Semnan University of Medical Sciences

Full name of responsible person

Parviz Kokhaei

Street address

Headquarter of Semnan University of Medical Sciences and Health Services, Bassij Blvd, Semnan, Iran.

City

Semnan

Province

Semnan

Postal code

35147-99442

Phone

+98 23 3344 1022

Fax

+98 23 3344 8999

Email

info@semums.ac.ir

Web page address

<https://semums.ac.ir/>

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Semnan 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**

Semnan University of Medical Sciences

Full name of responsible person

Farzaneh Kosari

Position

Phd student

Latest degree

Master

Other areas of specialty/work

Psychology

Street address

No.5, First Esfand, Modiran

City

Semnan

Province

Semnan

Postal code

3571667445

Phone

+98 23 3362 3300

Fax**Email**

farzane.kosari@yahoo.com

Person responsible for scientific inquiries**Contact****Name of organization / entity**

Semnan University of Medical Sciences

Full name of responsible person

Farzaneh Kosari
Position
Phd student
Latest degree
Master
Other areas of specialty/work
Psychology
Street address
No.5, First Esfand, Modiran
City
Semnan
Province
Semnan
Postal code
3571667445
Phone
+98 23 3362 3300
Fax
Email
farzane.kosari@yahoo.com

Person responsible for updating data

Contact
Name of organization / entity
Semnan University of Medical Sciences
Full name of responsible person
Farzaneh Kosari
Position
Phd student
Latest degree
Master
Other areas of specialty/work
Psychology
Street address
No.5, First Esfand, Modiran
City
Semnan
Province
Semnan
Postal code
3571667445
Phone

+98 23 0062 3300

Fax

Email

farzane.kosari@yahoo.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Due to the confidentiality of individuals' identities and information

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

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

General demographic characteristics, Descriptive findings related to groups, Statistical Inferential findings related to hypotheses, Results of the main consequences, the text of conscious consent.

When the data will become available and for how long

After publishing the article. November 2022

To whom data/document is available

All those who are interested in the results of the study.

Under which criteria data/document could be used

For reading and in case of citing the article

From where data/document is obtainable

Responsible author and supervisor

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

State her/his reasons and undertake not to use this data without citation

Comments