

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 2026

Effectiveness of parental management training on chronic fatigue syndrome and mother-child conflicts in hyperactive children aged 8 to 12 years in Sari city.

Protocol summary

Study aim

Investigating the effectiveness of parent management training on chronic fatigue syndrome and mother-child conflicts in hyperactive children aged 8 to 12 in Sari city

Design

The clinical trial has a control group, 2 parallel groups of 15 people, study type: semi-experimental, sample size of 30 people, not blinded. Rand Excel was used in randomization.

Settings and conduct

The statistical population of the research is all mothers with 8- to 12-year-old boys and girls suffering from attention-deficit/hyperactivity disorder who referred to the Sari Center's Strategy Counseling Center in 2001. Blinding was not done. The study will be conducted as a pre-test and post-test with a control group.

Participants/Inclusion and exclusion criteria

inclusion criteria: absence of mental disorders in mother and child; The age range of the child is 8 to 12 years.
exclusion criteria: children with chronic diseases;
receiving other treatments at the same time

Intervention groups

From among the statistical population, according to the nature and method of the research, 30 mothers who were willing to participate in the parenting management training sessions were selected according to the access and exit conditions of the study. Then they will be randomly assigned to two experimental and control groups (15 people each). Then, the sample people will receive intervention for eight 90-minute sessions (two sessions per week). After completing the training, the questionnaires will be filled again by the subjects of both groups. The pre-test and post-test scores of the two groups are compared. A summary of the goals and treatment method was mentioned in the intervention.

Main outcome variables

Related: chronic fatigue scores in the Multidimensional

Fatigue Measurement Questionnaire (MFI) test and mother-child conflict scores in the Pianta Maternal Quality Test

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20231126060188N1**

Registration date: **2023-12-19, 1402/09/28**

Registration timing: **registered_while_recruiting**

Last update: **2023-12-19, 1402/09/28**

Update count: **0**

Registration date

2023-12-19, 1402/09/28

Registrant information

Name

Sogand Asghari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 911 410 0626

Email address

sogandasghari2@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-05-24, 1402/03/03

Expected recruitment end date

2024-01-10, 1402/10/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of parental management training on chronic fatigue syndrome and mother-child conflicts in hyperactive children aged 8 to 12 years in Sari city.

Public title

The effectiveness of parental management training on chronic fatigue syndrome and mother-child conflicts

Purpose

Diagnostic

Inclusion/Exclusion criteria**Inclusion criteria:**

Absence of mental disorders in mother and child The age range of the child is 8 to 12 years. The ability to participate in therapy sessions

Exclusion criteria:

Children with chronic diseases Mental retardation, physical disability, use of sleeping pills. Undergoing other special treatments.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

From among the statistical population, according to the nature and method of the research, 30 mothers who were willing to participate in the parenting management training sessions were selected according to the access and exit conditions of the study. Then they were placed randomly in two experimental and control groups (15 people each). After making the necessary arrangements and obtaining the necessary permits, with the coordination and cooperation of the center's psychologist, the day and time of the treatment for the experimental group were determined. Then, by observing the ethical considerations and stating the goals of the research and justifying the research sample, by informing the sample members, among the people who met the conditions and criteria of the research, the sample people will be held for eight sessions for 90 minutes, and two sessions will be held every week. . And assigned to two intervention groups and control group, and before the intervention, the subjects of both groups completed the multi-dimensional fatigue measurement questionnaire and the maternal quality scale questionnaire. Then the intervention group was trained in the parent management program and the control group did not receive any intervention. After completing the training, the questionnaires were filled again by the

subjects of both groups.

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Working group/committee of ethics in research, Islamic Azad University, Semnan branch

Street address

5 km of Semnan road

City

Semnan

Province

Semnan

Postal code

3514799442

Approval date

2023-07-04, 1402/04/13

Ethics committee reference number

IR.IAU.SEMNAN.REC.1402.051

Health conditions studied**1****Description of health condition studied**

The effectiveness of parental management training on chronic fatigue syndrome and mother-child conflicts

ICD-10 code

F90.0

ICD-10 code description

Attention-deficit hyperactivity disorder, predominantly inattentive type

Primary outcomes**1****Description**

High score in attention deficit hyperactivity disorder questionnaire

Timepoint

Before the beginning of the therapeutic intervention in the first session

Method of measurement

Swanson and Pelham Attention Deficit Hyperactivity Disorder Questionnaire

Secondary outcomes

1

Description

Score in multidimensional fatigue measurement questionnaire (MFI)

Timepoint

After the completion of therapeutic intervention in the eighth session

Method of measurement

Multidimensional Fatigue Measurement Questionnaire (MFI)

2

Description

Score in maternal quality questionnaire

Timepoint

After the completion of therapeutic intervention in the eighth session

Method of measurement

Pianta Maternal Quality Questionnaire

Intervention groups

1

Description

The first intervention group: From among the statistical population, according to the nature and method of the research, 30 mothers who were willing to participate in parenting management training sessions were selected according to the access and exit conditions of the study. Then they are placed randomly in two experimental and control groups (15 people each). After making the necessary arrangements and obtaining the necessary permits, with the coordination and cooperation of the psychologist of the center, the day and time of treatment for the experimental group will be determined. Then, the sample subjects will receive intervention for eight 90-minute sessions (two sessions per week). Both the intervention group and the control group before the start of the intervention, the subjects of both groups completed the multidimensional fatigue measurement questionnaire and the maternal quality scale questionnaire, and then the intervention group will be trained in the parent management program, and the control group will not receive any intervention. After completing the training, the questionnaires will be filled again by the subjects of both groups. A summary of treatment goals and methods: 1st session: changing parents' attitude towards disorder and problematic behavior, assignment of praise and attention technique; The second session: application of rewards and points, the task of completing the positive reinforcement table; The third session: learning the techniques of praise and encouragement, the technique of dedication in strengthening; The fourth session: teaching behavioral management of parents, the task of paying attention and ignoring; The fifth session: improving the child's behavior in school, fines and exclusions; Sixth session: preventing

severe misbehavior, reward removal technique; Seventh session: modification of parents' attitude, technique of surrendering what has been learned; Eighth session: review of learned material and how to manage problems in the future, home and school communication assignment

Category

Treatment - Other

2

Description

Control group: The first control group: after selecting the subjects and conducting the necessary investigations to enter the research, it is now time to randomly divide people into two control and intervention groups. The control group will not receive any intervention, but after the intervention, the experimental group will be invited to answer all 2 questionnaires again. The pre-test and post-test scores of the two groups are compared. The number of people in this group will be 15 people.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Strategic Psychology Clinic

Full name of responsible person

Zohreh Asadi

Street address

Strategy Clinic, Unit 25, 3rd Floor, Tous Doctors Building, Qaran St., Sari

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Email

sogandasghari2@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Semnan University of Medical Sciences

Full name of responsible person

Mohammad Karim Sohrabi

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Semnan, km 5 of Damghan road, in front of Semnan customs

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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
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available
Study Protocol
No - There is not a plan to make this available
Statistical Analysis Plan
No - There is not a plan to make this available
Informed Consent Form
No - There is not a plan to make this available
Clinical Study Report
No - There is not a plan to make this available
Analytic Code
No - There is not a plan to make this available
Data Dictionary

No - There is not a plan to make this available