

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jun 2026

The effectiveness of Parent Training Behavior Management Flow Chart(BMFC) on parent- child relationship, parental stress, parents' educational engagement and reducing behavioral problems in 7-9 years old children with Oppositional Defiant Disorder(ODD) in Kermanshah

Protocol summary

Study aim

The effectiveness of Parent Training Behavior Management Flow Chart (BMFC) on parent- child relationship, parental stress, parents' educational engagement and reducing behavioral problems in 7-9 years old children with Oppositional Defiant Disorder(ODD)

Design

Two arm parallel group randomized trial with outcome assessment

Settings and conduct

For the test group, training sessions will be held in groups of elementary schools in Kermanshah.

Participants/Inclusion and exclusion criteria

Having the child diagnosed with Oppositional Defiant Disorder(ODD) Having reading and writing skills at least a secondary school diploma. Having physical health The desire to participate in the course Not being treated psychologically or medically Failure to attend similar courses in the past or at the same time Not having psychological disorders based on SCID-5-CV

Intervention groups

The Parent Training Behavior Management Flow Chart (BMFC) will be implemented as 8 sessions of group training for test group subjects. The experimental group includes 15 parents of children with disordered disorder who receive 8 weekly group training sessions. The control group included 15 parents of children with coping disorder that did not undergo any intervention.

Main outcome variables

Reducing children's behavioral problems Reduce Parental Stress Increasing parental education involvement Increasing parent-child interaction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150110020629N2**

Registration date: **2018-02-03, 1396/11/14**

Registration timing: **registered_while_recruiting**

Last update: **2018-02-03, 1396/11/14**

Update count: **0**

Registration date

2018-02-03, 1396/11/14

Registrant information

Name

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 914 919 3686

Email address

o.isanejad@uok.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-01-30, 1396/11/10

Expected recruitment end date

2018-07-21, 1397/04/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effectiveness of Parent Training Behavior Management Flow Chart(BMFC) on parent- child relationship, parental stress, parents' educational engagement and reducing behavioral problems in 7-9 years old children with Oppositional Defiant Disorder(ODD) in Kermanshah

Public title

Effect of Parent Training Behavior Management Flow Chart(BMFC) on ODD

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Having the child diagnosed with Oppositional Defiant Disorder(ODD) Having reading and writing skills at least a secondary school diploma Having physical health Inclination to participate in the course Being female Between 18-40 years age

Exclusion criteria:

Being subjected to psychological or medicinal treatments Participate in similar courses in the past or at the same time Having psychological disorders based on SCID-5-CV

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

Permuted block randomization design will be used. All participants will be listed between 1-30. The list randomly will be divided into two groups (experiment A or control B) by graphpad web available in: <https://www.graphpad.com/quickcalcs/randomize1/>

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

Ethics Committee of Kurdistan University of Medical

Sciences

Street address

Central Headquarters Medical University, Abidar St, Sanandaj, Kurdistan

City

Sanandaj

Province

Kurdistan

Postal code

6618634683

Approval date

2017-12-03, 1396/09/12

Ethics committee reference number

IR.MUK.REC.1396/5047

Health conditions studied

1

Description of health condition studied

Oppositional Defiant Disorder (ODD)

ICD-10 code

F91.3

ICD-10 code description

Oppositional defiant disorder

Primary outcomes

1

Description

at least 0.4 effect size in reducing of CBCL grades

Timepoint

before the intervention, after interventions in post test, follow up 1 month after the last intervention

Method of measurement

Child Behavioral Check List (CBCL)

Secondary outcomes

1

Description

at least 0.4 effect size in reducing of Abidine Parent's Stress Questionnaire

Timepoint

before the intervention, after interventions in post test, follow up 1 month after the last intervention

Method of measurement

Abidine Parent's Stress Questionnaire

2

Description

at least 0.4 effect size in Parent-child interaction questionnaire (PACHIQ)

Timepoint

before the intervention, after interventions in post test, follow up 1 month after the last intervention

Method of measurement

parent-child interaction questionnaire (PACHIQ)

3

Description

at least 0.4 effect size in Parents' Educational Engagement Questionnaire

Timepoint

before the intervention, after interventions in post test, follow up 1 month after the last intervention

Method of measurement

Parents' Educational Engagement Questionnaire

Intervention groups

1

Description

Intervention group: After selecting the sample and performing the diagnosis and performing pre-tests, training the mothers in the sample group for 8 sessions of 1 hour as a group training, the training program for the behavioral management survey chart based on the guide (Danforth.2006) for the experimental group will be executed. The first session: describes the educational structure of the principles of social learning and describes the ODD disorder syndrome. The second session: teaches and practice how to give practical instruction or instruction to the child. Session 3: Learn and practice how to reward and rebuke the child's responses after giving directions. The fourth session: of training and practice on how to deprive and prepare a list of consequences of disobedience to exclusion. The fifth session: as in Step 4, addresses the location of deprivation, behavioral goals, and consequences of steering. Sixth and seventh sessions: review specific problems and re-review all BMFC steps. Eighth Session: Reviewing the principles of social learning, reviewing ODD syndromes and specific issues and revising all steps

Category

Behavior

2

Description

Control group: without intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Hedayat

Full name of responsible person

Mohammadreza Daneshfar

Street address

Jalal Najafi St. Shahed Blvd. Elahieh

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Hedayat.mah3kermanshahsch@gmail.com

2

Recruitment center

Name of recruitment center

Eghbal school

Full name of responsible person

Soraya Gelareh

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

University of Kurdistan

Full name of responsible person

Dr. Keivan Boland Hematan

Street address

بلوار پاسداران، دانشگاه کردستان

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15175-66177

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info@uok.ac.ir

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

University of Kurdistan

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

15175-66177

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Person responsible for general inquiries

Contact

Name of organization / entity

University of Kurdistan

Full name of responsible person

Omid Isanejad

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Psychology

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Postal code

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

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be 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

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

No - There is not a plan to make this available