Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Nov 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
City
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Province
Kermanshah
Postal code
46376-67199
Phone
+98 83 3837 9087
Email
Hedayat.mah3kermanshahsch@gmail.com

2

Recruitment center
Name of recruitment center
Eghbal school
Full name of responsible person
Soraya Gelareh
Street address
Behzisti St. Sepah Plaza
City
Kermanshah
Province
Kermanshah
Postal code
73998-67146
Phone
+98 83 3835 9756
Email
Mohamadreza.eghbal95@gmail.com

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
City
Sanandaj
Province
Kurdistan
Postal code
15175-66177
Phone
+98 87 3366 4600
Email
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

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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Person responsible for scientific inquiries

Contact

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Position

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Latest degree

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Person responsible for updating data

Contact

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Latest degree

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Other areas of specialty/work

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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

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