Effect of mindful parenting training on parental parenting stress, clinical symptoms and self-efficacy in children with attention deficit hyperactivity disorder

Protocol summary

Summary

(1) Objective: This study aims to determine the effectiveness of mindful parenting training on parental parenting stress, clinical symptoms and self-efficacy in children with attention deficit hyperactivity disorder. (2) Design: This study is a randomized clinical trial with two groups (experimental and control) in three phases (pre-test, post-test and follow up). (3) Setting and conduct: Sixty children with ADHD diagnosis and their mothers who are eligible for inclusion and exclusion are selected. They will assign in two groups randomly (mindful parenting and control). Participants of both group receive pharmacotherapy (risperidone or Ritalin). participants of both group fill out Swanson, Nolan and Pelham parenting rating scale (SNAP-IV); children self-efficacy questionnaire (SEQ-C); parenting stress index- short form (PSI-SF36) as per-test, post-test and two month after intervention as follow-up. The intervention will be done for mothers that have children with ADHA in 8 sessions. The data will be analyzed by spss-21, using the multivariate analysis of covariance (MANCOVA). (4) Inclusion: Children are having with attention deficit hyperactivity disorder (ADHD) according to a psychiatrist; age 7-12 years; receiving regular pharmacotherapy by risperidone or Ritalin; their mothers are having minimum education level of diploma. Exclusion criteria: Mother or child having intellectual disability, psychosis or major mood disorder; receiving pharmacotherapy irregularly. (5) Interventions: The intervention consist of 8 sessions (each session last 90 minutes) of mindful parenting training based on Kabat-Zinn protocol in experimental group. The control group doesn’t receive any psychotherapy. (6) Main outcome measures: Main outcome measures variables are clinical symptoms and self-efficacy in children and parenting stress in their mothers.

General information

Acronym
IRCT registration information
IRCT registration number: IRCT2016021026505N1
Registration date: 2016-02-22, 1394/12/03
Registration timing: retrospective

Last update: Update count: 0
Registration date 2016-02-22, 1394/12/03

Registrant information
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Recruitment status Recruitment complete
Funding source
Vice chancellor for research of Kashan University of Medical Sciences and Health Services

Expected recruitment start date 2015-12-22, 1394/10/01
Expected recruitment end date 2016-01-21, 1394/11/01
Actual recruitment start date empty
Actual recruitment end date empty
Scientific title
Effect of mindful parenting training on parental parenting stress, clinical symptoms and self-efficacy in children with attention deficit hyperactivity disorder

Inclusion/Exclusion criteria
Inclusion criteria: Patient including major eligibility inclusion criteria are patients with the diagnosis of attention deficit hyperactivity disorder by a psychiatrist; child aged 7-12 years; children receive pharmacotherapy by Risperidone or Ritalin; their parent have minimum education level of diploma; having willingness to participate in the research. Exclusion criteria: Parent or child with diagnosis of intellectual disability by a psychiatrist; child have bipolar concurrent disorder; psychiatrist change dosage of drug child.

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria: Participant including major eligibility inclusion criteria are patients with the diagnosis of attention deficit hyperactivity disorder by a psychiatrist; child aged 7-12 years; children receive pharmacotherapy by Risperidone or Ritalin; their parent have minimum education level of diploma; having willingness to participate in the research. Exclusion criteria: Parent or child with diagnosis of intellectual disability by a psychiatrist; child have bipolar concurrent disorder; psychiatrist change dosage of drug child.

Age
From 7 years old to 12 years old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 60

Randomization (investigator's opinion)
Randomized

Randomization description
Not blinded

Blinding (investigator's opinion)
Not blinded

Blinding description
Not used

Assignment
Parallel

Other design features

Secondary Ids
empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Kashan University of Medical Sciences and Health Services
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Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

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Approval date
2016-01-21, 1394/11/01

Ethics committee reference number
IR.KAUMS.REC.1394.143

Health conditions studied

1

Description of health condition studied
Attention deficit hyperactivity disorder

ICD-10 code
F90.0

ICD-10 code description
Disturbance of activity and attention

Primary outcomes

1

Description
Parental parenting stress

Timepoint
Before intervention, after intervention, two month after intervention

Method of measurement
Parenting stress index- short form (PSI-SF36)

Secondary outcomes

1

Description
Clinical symptoms

Timepoint
Before intervention, after intervention, two month after intervention

Method of measurement
Swanson, Nolan and Pelham parenting rating scale (SNAP-IV) (diagnosis and classification of attention deficit hyperactivity disorder)

2

Description
Self-efficacy for children

Timepoint
Before intervention, after intervention, two month after intervention

Method of measurement
Children self-efficacy questionnaire (SEQ-C)

Intervention groups

1

Description
The intervention consist of 8 sessions (each session last
90 minutes) of mindful parenting training based on Kabat-Zinn protocol in experimental group.

Category
Behavior

2
Description
Pharmacotherapy by Risperidone or Ritalin in control group
Category
Treatment - Drugs

Recruitment centers

1
Recruitment center
Name of recruitment center
Kargaer-Nejad psychiatric center
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Dr Fatemeh Assariyan
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Sponsors / Funding sources

1
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Person responsible for general inquiries

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty