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
Name
Mahdieh Behbahani
Name of organization / entity
Kashan University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 917 659 1568
Email address
behbahani-ma@kaums.ac.ir

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
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: Participants include 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

Purpose
Treatment

Inclusion/Exclusion criteria
- Inclusion criteria: Participants include 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

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary outcomes

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

Description
Parental parenting stress

Timepoint
Before intervention, after intervention, two month after intervention

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

Secondary design features

Secondary outcomes

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)

Secondary design features

Secondary outcomes

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

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

**Description**
Pharmacotherapy by Risperidone or Ritalin in control group

**Category**
Treatment - Drugs

### Recruitment centers

**1**

**Recruitment center**
Kargaer-Nejad psychiatric center

**Full name of responsible person**
Dr Fatemeh Assariyan

**Street address**
Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

**City**
Kashan

### Sponsors / Funding sources

**1**

**Sponsor**
Vice chancellor for research of Kashan University of Medical Sciences and Health Services

**Full name of responsible person**
Dr Qolam Ali Hamidi

**Street address**
Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

**City**
Kashan

**Grant name**
Vice chancellor for research of Kashan University of Medical Sciences and Health Services

**Grant code / Reference number**
empty

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

**Title of funding source**
Vice chancellor for research of Kashan University of Medical Sciences and Health Services

**Proportion provided by this source**
100

**Public or private sector**
empty

**Domestic or foreign origin**
empty

**Category of foreign source of funding**
empty

**Country of origin**
empty

**Type of organization providing the funding**
empty

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**Person responsible for general inquiries**

**Contact**

**Name of organization / entity**
Kashan University of Medical Sciences and Health Services

**Full name of responsible person**
Mahdieh Behbahani

**Position**
M.Sc Candidate in Clinical Psychology

**Other areas of specialty/work**

**Street address**
Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

**City**
Kashan

**Postal code**
empty

**Phone**
+98 31 5554 2999

**Fax**
empty

**Email**
behabhani-ma@kaums.ac.ir,
psy.m.behbahani@gmail.com

**Web page address**
empty

---

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**
Kashan University of Medical Sciences and Health Services

**Full name of responsible person**
Mahdieh Behbahani

**Position**
M.Sc Candidate in Clinical Psychology

**Other areas of specialty/work**

**Street address**
Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

**City**
Kashan

**Postal code**
empty

**Phone**
+98 31 5554 0021

**Fax**
empty

**Email**
behabhani-ma@kaums.ac.ir,
psy.m.behbahani@gmail.com

**Web page address**
empty

---

**Person responsible for updating data**

**Contact**

**Name of organization / entity**
Kashan University of Medical Sciences and Health Services

**Full name of responsible person**
Mahdieh Behbahani

**Position**
M.Sc Candidate in Clinical Psychology

**Other areas of specialty/work**
empty
Street address
Kashan University of Medical Sciences and Health Services, 5th Qotbe Ravandi Blvd, Kashan

City
Kashan
Postal code

Phone
+98 31 5554 2999
Fax

Email
behbahani- ma @kaums.ac.ir,
Psy.m.bebbahani@gmail.com

Web page address

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