Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The effect of play therapy on the attention and concentration and active memory in children the attention deficit hyperactivity disorder

Protocol summary

Study aim
The effect of Play Therapy on the attention and concentration and active memory in children with the attention deficit hyperactivity disorder

Design
The samples of this research include children with ADHD and randomly will be divided into experimental and control groups (20 persons in each group) and will complete continuous performance scale, active memory scale. Play therapy will be conducted during 8 sessions in experimental group while the control group will not receive any training.

Settings and conduct
Research place : personal counselor office Play therapy will be conducted during 8 sessions in 2 months for experimental group while the control group will not receive any training. Finally, after the intervention course, results will be compared.

Participants/Inclusion and exclusion criteria
All Children with ADHD in Rasht city

Intervention groups
Play therapy, named "See and Say", will be attended 1 session in a week for about 2 months (totally 8 sessions). Control group will receive no intervention but after measurement, it will be done for control group too, morally.

Main outcome variables
attention, concentration and active memory

General information

Reason for update

Acronym
ADHD

IRCT registration information
IRCT registration number: **IRCT20190331043147N1**
Registration date: **2020-02-04, 1398/11/15**
Registration timing: **retrospective**
Last update: **2020-02-04, 1398/11/15**
Update count: **0**

Registration date
2020-02-04, 1398/11/15

Registrant information

Name
Manizheh Hasanipour fallah

Name of organization / entity
University payame noor

Country
Iran (Islamic Republic of)

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+98 13 3334 3658

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m.hasanipour94@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-12-22, 1397/10/01

Expected recruitment end date
2019-04-04, 1398/01/15

Actual recruitment start date
2018-12-22, 1397/10/01

Actual recruitment end date
2019-04-04, 1398/01/15

Trial completion date
2019-04-04, 1398/01/15

Scientific title
The effect of play therapy on the attention and concentration and active memory in children the attention deficit hyperactivity disorder

Public title
play therapy in 6-years old children with attention deficit hyperactivity disorder

Purpose
Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

hyperactivity disorder and Attention deficit being 6 years old

Exclusion criteria:

continuous attention Mental disability less than 6 years old

Age

From **6 years** old to **6 years** old

Gender

Both

Phase

1-2

Groups that have been masked

No information

Sample size

Target sample size: **40**

Actual sample size reached: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

In this method, the researcher gives each individual in the community a special code or number (here the file number). (Some of the communities studied have numbered systems, such as students or students of a training center. Therefore, no coding is required and the researcher can base numbers on these lists.) Then use beads and plates on the numbers or write them on a small paper or cardboard; therefore, it will have the number of people in the community. Then they throw them into a bag or container and mess up. He then extracts the beads one by one, records their numbers, and continues this until they choose the number of sample numbers. Accordingly, here, 40 children with attention deficit hyperactivity disorder who were referred to the researcher's personal clinic were selected according to the inclusion criteria and randomly selected from a referral file number. They were divided into two experimental and control 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

Guilan University of Medical Sciences

Street address

Dorsa building, Noorbakhsh St, Sabze-Meydan Sq, Rasht

City

Rasht

Province

Guilan

Postal code

4143775545

Approval date

2018-12-15, 1397/09/24

Ethics committee reference number

IR.GUMS.REC.1397.348

Health conditions studied

1

Description of health condition studied

attention deficit hyperactivity

ICD-10 code

F90.9

ICD-10 code description

Attention-deficit hyperactivity disorder, unspecified type

Primary outcomes

1

Description

attention and concentration

Timepoint

at the beginng, during the course and at the end after one month

Method of measurement

CPT

2

Description

active memory

Timepoint

at the beginng, during the course and at the end after one month

Method of measurement

WISC-IV

Secondary outcomes

empty

Intervention groups

1

Description

For Test group, The game "See and Say" which is a therapeutic package and includes a board game for hyperactive children, will be done. This game is suitable for treatment of attention and concentration problems. The time of hourglass is 30 seconds. The game will be played with 2 to 4 players and is suitable for children over 4 years. (Children who do not have the ability to read and write should also do it with an adult, because the questions behind the cards must be handled by

someone who can read). This game contains 160 cards and 960 questions.

Category

Treatment - Other

2

Description

Control group: no specific training but playing the game in one session just for being familiar with.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Andisheh Novin

Full name of responsible person
Manizheh Hassani pourFallah Behdani

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3rd floor, Pars Building, Motahari St

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m.hasanipour94@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Rasht University of Medical Sciences

Full name of responsible person
Dr nemati

Street address
in front of 17 Shahrivar hospital

City
rasht

Province
Guilan

Postal code
4193893345

Phone
+98 13 3333 6394

Email
medjour@gums.ac.ir

Grant name

Grant code / Reference number

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

Title of funding source
Rasht University of Medical Sciences

Proportion provided by this source
1

Public or private sector
Private

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
Rasht University of Medical Sciences

Full name of responsible person
Manizheh Hassani pourFallah Behdani

Position
counselor

Latest degree
Master

Other areas of specialty/work
Psychology

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Person responsible for scientific inquiries

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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

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

Clinical Study Report

Undecided - It is not yet known if there will be 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

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