Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Effect of Child-Centered Play Therapy (ADLERIAN) on the Working Memory Disability Educable Children

Protocol summary

Study aim

1- Determination of the average active memory of intellectual disability children in pre and post intervention stages and follow up by intervention and control groups 2- Determining the effect of Adrenaline-based child-centered play therapy on the active memory of intellectual disability children in the intervention phase 3- Determining the effect of Adrenaline-based child-centered play therapy on active memory of mentally retarded children at follow-up.

Design

After adjusting for age, educational grade and active memory scores, the subjects were randomly assigned into two intervention and control groups. After 10 weeks of consecutive interventions and data collection, the second evaluation was performed for both groups. . The data are analyzed; if the interventions are effective, the final evaluation is performed after 1 month without any intervention by the research team.

Settings and conduct

Sampling was available 7-12 Year Old Children with Educable Studying in Exceptional Children's Schools in Qom One-blind intervention was performed by a psychologist

Participants/Inclusion and exclusion criteria

inclusion criteria: 1. Children between the ages of 7 and 12 years. 2. Parental consent to participate in the study 3. Diagnosis of mild intellectual disability (50-70) Exclusion criteria: 1- Having any physical disease (cerebral palsy, neuromuscular and skeletal disorders) 2 - Explicit psychiatric symptoms in the child (autism, attention deficit hyperactivity disorder, etc.) 3. Failure to participate in other clinical interventions concurrently with research

Intervention groups

Adrenaline-based child-centered play therapy intervention

Main outcome variables

Working memory

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190412043243N1**
Registration date: **2020-11-23, 1399/09/03**
Registration timing: **retrospective**

Last update: **2020-11-23, 1399/09/03**
Update count: **0**

Registration date

2020-11-23, 1399/09/03

Registrant information

Name

Navida Johari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 2218 0083

Email address

na.johari@uswr.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-08-23, 1398/06/01

Expected recruitment end date

2019-11-22, 1398/09/01

Actual recruitment start date

2019-09-23, 1398/07/01

Actual recruitment end date

2020-02-15, 1398/11/26

Trial completion date

2020-02-15, 1398/11/26

Scientific title

Effect of Child-Centered Play Therapy (ADLERIAN) on the Working Memory Disability Educable Children

Public title
Effect of Child-Centered Play Therapy (ADLERIAN) on the Working Memory Disability Educable Children
Purpose
Other
Inclusion/Exclusion criteria
Inclusion criteria:
Children ages 7 to 12 years Parental consent to participate in the study Diagnosis of mild intellectual disability (50-70)
Exclusion criteria:
Any type of physical disease (cerebral palsy, neuromuscular and skeletal disorders) Significant psychiatric symptoms in the child (autism, attention deficit hyperactivity disorder, etc.) Failure to participate in other clinical interventions concurrently with research
Age
From **7 years** old to **12 years** old
Gender
Female

Phase
N/A
Groups that have been masked

- Outcome assessor

Sample size
Target sample size: **28**
Actual sample size reached: **28**
Randomization (investigator's opinion)
Randomized
Randomization description
After obtaining the necessary permits and receiving the code of ethics and referring to the exceptional school of Hazrat Fatemeh Zahra in Qom, 28 eligible students were selected to participate in the study and then randomly one by one by assigning A and B cards were assigned to intervention and control groups.
Blinding (investigator's opinion)
Single blinded
Blinding description
The evaluation was done by another person (with a degree in psychology).
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of University of Social Welfare Rehabitation Sciences
Street address
Koodkiar dead end ,Daneshjoo Blvd, Evin
City
Tehran
Province
Tehran
Postal code
1985713871
Approval date
2019-07-07, 1398/04/16
Ethics committee reference number
IR.USWR.REC.1398.043

Health conditions studied

1

Description of health condition studied
working memory
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Working Memory Score on the Wechsler Intelligence Scale Children
Timepoint
2 months and 15 days
Method of measurement
Wechsler Intelligence Scale for Children Form 4 WISC-IV

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Adlerin-based child-centered play therapy interventions, play therapy is performed in the school play room at a specific time. The play room is equiped with various types of child-centered toys. Exercises are done for about 10 weeks and 3 times a week for 45 minutes. Control group: To the parents of the students, after the follow-up test, all the play therapy sessions performed for the intervention group for the control group should be performed.
Category
Rehabilitation

2

Description
Control group: Do not perform additional intervention.
Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Fatima Zahra Exceptional School

Full name of responsible person
Mis Mansori

Street address
Azadegan Square. Fatima Zahra Exceptional Children School

City
Qom

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379945183

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johari.navida@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
University of social welfare and rehabilitation sciences

Full name of responsible person
Mohammad Reza Khodaei Ardakani

Street address
Velenjak. Koodakyar Street. University of USWR

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Grant name

Grant code / Reference number

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

Title of funding source
University of social welfare and rehabilitation sciences

Proportion provided by this source
50

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 social welfare and rehabilitation sciences

Full name of responsible person
Hooshang Mirzaee

Position
Assistant Professor

Latest degree
Ph.D.

Other areas of specialty/work
Occupational Therapy

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Person responsible for updating data

Contact

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available
Justification/reason for indecision/not sharing IPD
No more information
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
No - There is not a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
No - There is not a plan to make this available
Analytic Code
No - There is not a plan to make this available
Data Dictionary
No - There is not a plan to make this available
Title and more details about the data/document
working memory
When the data will become available and for how long
Start of course from September 98
To whom data/document is available
Parents of students Assistant Professors and Advisors
Under which criteria data/document could be used
1. Improving children's health 2. Raising the level of education of students 3. Conduct research at a broader level
From where data/document is obtainable
Navida Johari, MSc student of Tehran University of Social Welfare and Rehabilitation Sciences 09368335972 Tehran Velenjak. Baby Boy Street. University of USWR johari.navida@gmail.com
What processes are involved for a request to access data/document
1. First make your request by email or phone 2. After reviewing the application, contact the professors and counselors and review the individual application 3. We try to respond to the request of the person in the shortest possible time
Comments