

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Efficacy of painting therapy on aggregation of school mental-retarded students

Protocol summary

Summary

Objective: This study will be conducted to evaluate the effectiveness of painting therapy on decreasing aggression in mental retarded children. **Method and Material:** The present study is quasi-experimental in a form of pre and post study with control group. Study population will be included all primary school mental-retarded students who are studying in the special-aided schools in 2013-2014 school years in Bojnord, Northeast of Iran. Twenty subjects will be selected via stratified sampling technique. They are divided into two groups with 10 cases and aggregation pre test will be determined by Rutter questionnaire-A (teacher's form), and Goodenough draw a person test. Then half of the patients in each group will be considered randomly as intervention and the other ones as control group. For the children in intervention group, the Goodenough draw a person test will be used. So the painting therapy sessions are considered by preparation the paper and seven colored pencil (violet, black, green, yellow, brown and red) to the child. Then the aggregation will be determined by Rutter questionnaire-A (teacher's form) for intervention and control group after the end of two months.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201303079175N3**
Registration date: **2013-06-03, 1392/03/13**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-06-03, 1392/03/13

Registrant information

Name

Lida Jarahi

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 1882 9262

Email address

jarahil@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Islamic Azad University of Ghochan

Expected recruitment start date

2012-11-02, 1391/08/12

Expected recruitment end date

2013-11-03, 1392/08/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of painting therapy on aggregation of school mental-retarded students

Public title

Painting therapy on aggregation in students

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: students between 8 to 15 years old, having intelligence quotient (IQ) 50 to 70. Exclusion criteria: having optical, audition, movement and speech disorder and epilepsy and drug treatment

Age

From **8 years** old to **15 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)

N/A

Randomization description

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 Islamic Azad University of
Ghochan

Street address

Islamic Azad University, Ghochan

City

Ghochan

Postal code

Approval date

2011-08-10, 1390/05/19

Ethics committee reference number

09/18/5/8478

Health conditions studied

1

Description of health condition studied

Conduct disorders

ICD-10 code

F91

ICD-10 code description

Disorders characterized by a repetitive and persistent
pattern of dissocial, aggressive, or defiant conduct.

Primary outcomes

1

Description

Aggregation

Timepoint

For the first time before the study and for the second
time after two months after ending the painting therapy

Method of measurement

Rutter questionnaire , A form (teacher's form) and
goodenough draw a person test

Secondary outcomes

empty

Intervention groups

1

Description

For intervention group, the Painting therapy sessions by
goodenough draw a person test are hold. In this test a
paper and seven colored pencil (violet, black, green,
yellow, brown and red) give to the child.

Category

Behavior

2

Description

During the study period, any painting therapy will be
done for control group,

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Ibn Sina Hospital

Full name of responsible person

Street address

Ibn Sina Hospital, Horr-e-Ameli Street

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor of Islamic Azad University of Ghochan

Full name of responsible person

Dr Hamid Tabatabaee

Street address

Ghochan, Islamic Azad

City

Ghochan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor of Islamic Azad University of Ghochan

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**Type of organization providing the funding**

empty

Person responsible for general inquiries**Contact****Name of organization / entity**

Mashhad University of Medical Sciences

Full name of responsible person

Dr Peyman Hashemian

Position

Child and Adolescent Psychiatrist

Other areas of specialty/work**Street address**

Ibn-e-Sina psychiatric Hospital, Horre Ameli Avenue,
boo Ali square

City

Mashhad

Postal code

91959

Phone

+98 51 1888 2926

Fax**Email**

hashemianp@mums.ac.ir

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Mashhad University of Medical Sciences

Full name of responsible person

Dr Peyman Hashemian

Position

Child and Adolescent Psychiatrist

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Ibn-e-Sina psychiatric Hospital, Horre Ameli Avenue,

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Fax**Email**

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Web page address**Person responsible for updating data****Contact****Name of organization / entity**

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Ibn-e-Sina psychiatric Hospital, Horre Ameli Avenue,
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Mashhad

Postal code

91959

Phone

+98 51188829262

Fax**Email**

hashemianp@mums.ac.ir

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