

# 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,  
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91959

**Phone**

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**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*