

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 May 2026

The effectiveness of painting therapy on depression in 8-12 years old children with cancer in Ahvaz, Iran

Protocol summary

Summary

The purpose of this study was to determine the effectiveness of painting therapy on depression in 8-12 years old children with cancer in Ahvaz Shafa hospital. The research sample consisted of 30 subjects (15 patients and 15 control group) of children with cancer admitted in Ahvaz Shafa hospital, who were selected for sampling and were requested to answer depression scale (CDI). A quasi-experimental research method with pretest - posttest and control group were designed. After random selection of experimental and control groups at the beginning, the pre-test for both screening and intervention (painting therapy) in 8 sessions, each session lasted 2 hours, was administered on the sample group, and after completion of training, then the post test was taken for both groups, the follow-up was performed after one month. For data analysis, analysis of covariance (ANCOVA) was used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014091319136N1**

Registration date: **2014-10-10, 1393/07/18**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-10-10, 1393/07/18

Registrant information

Name

Soodabe Lak

Name of organization / entity

Islamic Azad University, Science and Research Branch
Khozestan

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Islamic Azad University, Science and Research Branch
Khozestan

Expected recruitment start date

2014-05-04, 1393/02/14

Expected recruitment end date

2014-07-16, 1393/04/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effectiveness of painting therapy on depression in 8-12 years old children with cancer in Ahvaz, Iran

Public title

The effectiveness of painting therapy on depression in children with cancer

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: children aged 12-8 years old with confirmed diagnosis of cancer in the hospital and admitted to the Pediatric Hematology and Oncology ward; having normal IQ according to medical records; those who volunteered to participate in the test.; earn a score higher than 22 based on the Children's Depression Inventory (CDI). Exclusion criteria: children were treated completely and unable to attend meetings

Age

From **8 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

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

Vice Chancellor for research, Ahvas University of Medical Sciences

Street address

Ahvas University of Medical Sciences, University City, Golestan Road

City

Ahvaz

Postal code

61357-15794

Approval date

2014-05-03, 1393/02/13

Ethics committee reference number

ajums.REC.1393.180

Health conditions studied

1

Description of health condition studied

Depression in children with cancer

ICD-10 code

F32.9

ICD-10 code description

Depressive episode, unspecified

Primary outcomes

1

Description

Depression

Timepoint

Before intervention and one month after intervention

Method of measurement

Maria Kovacs Children's Depression Scale (CDI)

Secondary outcomes

empty

Intervention groups

1

Description

Experimental group, 8 sessions rooms, children's play part to be has been treated, the following group consists of three stages the feedback sterakchrt all therapy sessions, is agenda of the meeting and provide Homework.

Category

Treatment - Other

2

Description

The control group received no intervention on

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa hospital

Full name of responsible person

Bijan Keikhaei Dehdezi, Professor of Oncology and Hematology

Street address

Shafa Hospital , Golestan Road

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

Nader Saki

Street address

Ahvaz University of Medical Sciences, University City, Golestan Road

City

Ahvaz

Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ahvaz University of Medical Sciences
Proportion provided by this source
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

2

Sponsor

Name of organization / entity
Islamic Azad University, Science and Research Branch - khozestan
Full name of responsible person
Behnam Makvandi
Street address
Islamic Azad University, Science and Research Branch, Airport cross, Pasdaran blvd.
City
Ahvaz
Grant name
0
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Islamic Azad University, Science and Research Branch - khozestan
Proportion provided by this source
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
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Other areas of specialty/work

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Person responsible for updating data

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Web page address

empty

Sharing plan

Informed Consent Form

empty

Deidentified Individual Participant Data Set (IPD)

Clinical Study Report

empty

empty

Study Protocol

Analytic Code

empty

empty

Data Dictionary

Statistical Analysis Plan

empty