

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effectiveness of painting therapy on state anxiety in 8-12 years old children with cancer in Ahvaz

Protocol summary

Summary

The purpose of this study was to determine the effectiveness of painting therapy on state anxiety in children with cancer 8-12 years in hospital. The research sample consisted of 30 subjects of children (15 patients and 15 control group) with cancer 8-12 admitted in hospital, these group of people were selected randomly for sampling and were requested to answer state anxiety scale (RCMAS). And quasi-experimental research of this method was a pretest - posttest control group. After random selection of the experimental and control groups at the beginning, the pre-test for both screening and intervention (painting therapy) in 8 sessions were taken, each session lasted about 2 hour , was administered on the sample group, However, the control group received no intervention and after completion of training, then the posttest was taken for both groups (the experimental and control groups), the follow-up was performed after one month rest. For data analysis, analysis of covariance (ANCOVA) was used. The results of data analysis have shown that painting therapy caused the reduction state anxiety of experimental group in comparison to the witness group and after a month of tracking the effect of paintings therapy on reducing state anxiety was stable. In other words, 93% of individual differences was in state anxiety scores during a month of tracking related to the effect of painting therapy.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014092419136N2**
Registration date: **2014-10-14, 1393/07/22**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-10-14, 1393/07/22

Registrant information

Name

Soodabe Lak

Name of organization / entity

Islamic Azad University, Science and Research Branch
Khozestan

Country

Iran (Islamic Republic of)

Phone

+98 61 1337 0231

Email address

soodabelak@yahoo.com

Recruitment status

Recruitment complete

Funding source

Islamic Azad University, Khozestan Science and Research
Branch, Jundishapur University of Medical Sciences

Expected recruitment start date

2014-05-04, 1393/02/14

Expected recruitment end date

2014-07-11, 1393/04/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effectiveness of painting therapy on state anxiety in
8-12 years old children with cancer in Ahvaz

Public title

The effectiveness of painting therapy on state anxiety in
8-12 years old children with cancer

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: having medical record or admitted in children hematology and oncology ward of the hospital; 12-8 years old Children. Score higher than 19 on the scale RMCAS; confirmed the diagnosis of cancer; normal IQ; being volunteer to participate in the study. Exclusion criterion: children who were not able to attend the meetings of the painting.

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

Ahvaz University of Medical Sciences

Street address

Ahvaz 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

Anxiety

ICD-10 code

F41.1

ICD-10 code description

Generalized anxiety disorder

Primary outcomes

1

Description

Anxiety stat

Timepoint

Pre-intervention and post-intervention and follow-up was done a month after intervention

Method of measurement

Anxiety Scale (RCMAS)

Secondary outcomes

empty

Intervention groups

1

Description

Art therapy for 8 sessions lasted 2 hours. 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

Other

2

Description

The control group received no intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

Professor of Oncology and Hematology, Bijan Keikhaei
Dehdezi

Street address

Center for Health Research, Thalassemia and Hemoglobinopathy Research Center, University of medical sciences gondi shapur

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Khozestan Azad Islamic University Science and Research Branch

Full name of responsible person

Behnam Makvandi

Street address

Khozestan Azad Islamic University Science and Research Branch

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Khozestan Azad Islamic University Science and Research Branch

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

Vice Chancellor for Research and Technology, Jundishapur University of Medical Sciences

Full name of responsible person

Nader Saki

Street address

University of Medical Sciences - Golestan University City Road

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor for Research and Technology, Jundishapur 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

Person responsible for general inquiries

Contact

Name of organization / entity

research University, Ahvaz Branch

Full name of responsible person

soodabe lak

Position

MSc in clinical psychology

Other areas of specialty/work

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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