Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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 admited 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 Hemogolobinopathy Research Center, University of medical sciencesgondi 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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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