

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Aug 2026

Comparing the Effect of Painting on Anxiety Control in Children with Cancer 12-4 Years

Protocol summary

Study aim

Reducing anxiety in children aged 4 to 12 years with cancer by drawing The effect of reducing anxiety on blood cells by drawing a drawing Emotional support for a child with cancer and admission to the hospital The results of the design are to be used in all similar hospitals.

Design

simple accident 41 samples of girl and daughter Intervention

Settings and conduct

Drawing the drawing of a child aged 4 to 12 years old with anxiety over 50 according to the Spielberger questionnaire at Sheikh Mashhad Hospital received 3-5 doses of chemotherapy for 3-5 consecutive days. Intervention took place while receiving the drug and between 1-2 hours The child and the researcher painted. Examples were taken by observing all the records on a daily basis and the children were selected to enter the research project, and then the presence of the researcher was conducted to examine the extent of mother-child cooperation and, if desired, the Spielberger questionnaire for The child was completed in collaboration with the researcher and the mother. After the completion of the drug, the Spielberger anxiety inventory was completed to determine the degree of anxiety.

Participants/Inclusion and exclusion criteria

Entry requirements: Getting Cancer The length of time to receive medication for 3 to 5 consecutive days Anxiety over 50 according to the Spielberger questionnaire Exit terms: The lack of cooperation between the child and the family

Intervention groups

Children aged 4 to 12 years with cancer and admitted to hospital

Main outcome variables

anxiety

General information

Reason for update

Acronym

ندارد

IRCT registration information

IRCT registration number: **IRCT20160710028863N34**

Registration date: **2019-05-04, 1398/02/14**

Registration timing: **retrospective**

Last update: **2019-05-04, 1398/02/14**

Update count: **0**

Registration date

2019-05-04, 1398/02/14

Registrant information

Name

Nooshin Peyman

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 915 502 6195

Email address

peymann@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-10-23, 1396/08/01

Expected recruitment end date

2018-04-21, 1397/02/01

Actual recruitment start date

2017-10-23, 1396/08/01

Actual recruitment end date

2018-04-21, 1397/02/01

Trial completion date

2018-04-21, 1397/02/01

Scientific title

Comparing the Effect of Painting on Anxiety Control in Children with Cancer 12-4 Years

Public title

Evaluation of the effect of the onset of childhood cancer

Purpose

Supportive

Inclusion/Exclusion criteria**Inclusion criteria:**

Getting Cancer Hospitalized oncology department Get the drug for 3-5 consecutive days Able to draw paintings

Exclusion criteria:

Bad baby now The lack of cooperation between the family and the child Less than once admitted

Age

From **4 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **45**

Actual sample size reached: **41**

Randomization (investigator's opinion)

Randomized

Randomization description

Use of patient records before appointment (simple random) Individual No randomization layers View all files There is no cloak.

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Other

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Mashhad University of Medical Sciences, Faculty of Health

Street address

University College- University19-School of Public Health91

City

Mashhad

Province

Razavi Khorasan

Postal code

9137673119

Approval date

2017-08-23, 1396/06/01

Ethics committee reference number

IR.MUMS.REC.1397.319

Health conditions studied**1****Description of health condition studied**

The Effect of Painting on the Infection of a Child with Cancer Anxiety

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Child anxiety score in Spielberger questionnaire cell test

Timepoint

3 to 5 consecutive days of admission to the hospital for a chemotherapy drug

Method of measurement

Complete the Spielberger Questionnaire before and after the receipt of the drug.

Secondary outcomes**1****Description**

Blood cells (including platelets and WBC)

Timepoint

24 hours prior to the treatment of chemotherapy and 15 days after completion of treatment (according to routine of the patient after chemical medicine)

Method of measurement

Without the involvement of the researcher through only observation of experiments taken by the hospital (before and after receiving the chemical drug)

Intervention groups**1****Description**

Intervention group:2 control and interconnect groups for Intervention group: Children aged 4 to 12 years old admitted for 3 to 5 consecutive days of chemotherapy. Anxiety level above 50 with Spielberger questionnaire. Drawing of the drawing took place within 1 to 2 hours when the drug was taken as serum. Checking the blood cells before receiving the drug and 15 days after the completion of the hospital stay (routine hospital tests)

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Dr. Sheikh Mashhad Hospital - Oncology Department

Full name of responsible person

Doctor Nushin Peyman

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University Street 19- School of Public Health

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Noushin Peyman

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Mashhad University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Noushin Peyman

Position

Professor

Latest degree

Ph.D.

Other areas of specialty/work

Health Promotion

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Noushin Peyman

Position

perofesor

Latest degree

Ph.D.

Other areas of specialty/work

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Person responsible for updating data

Contact

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profesor

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Ph.D.

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

Anxiety scores with severe and moderate and moderate division Blood Cell Testing to Increase the Comparison of Numbers in the Control and Intervention Group

When the data will become available and for how long

As soon as the results are printed

To whom data/document is available

Scientific scholars

Under which criteria data/document could be used

For the same research

From where data/document is obtainable

Noushin Peyman: Email: peymann@mums.ac.ir Phone

Call: 00989155026195 Maryam Pour-Kermanshahi:

Phone number: 00989158196931 Email:

pourkhoramshahim941@mums.ac.ir

What processes are involved for a request to access data/document

To the address given to the emails, the full specification includes the name and educational qualifications as well as academic records. The name of the research project is announced

Comments