Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The Effect Of Painting Compared with Routine medical care in Hospital On Anxiety Of Hospitalized Children Aged 6 To 12 years old

Protocol summary

Summary

The present study determines effect of painting on anxiety of hospitalized children. Study population is children aged 6 to 12 years old that are hospitalized at Tehran children's medical center. Sample size consists of 72 children who were hospitalized for 6 days without receiving any tranquilizer. Participants through applying simple random sampling are divided into 2 groups (experimental group and control group) consisting of 36 persons. The intervention was painting with free topic at experimental group. Control group is similar to experimental group but control group only benefit from routine medical care in Hospital. Immediately upon performing intervention, it is applied from the Revised Children's Manifest Anxiety scale in order to assess level of child's anxiety.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201101245687N1**
Registration date: **2013-07-27, 1392/05/05**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2013-07-27, 1392/05/05

Registrant information

Name

Mina Nooraliee

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 7773 2434

Email address

m-nooraliee@students.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University Of Medical Science Vice Chancellor For Research

Expected recruitment start date

2013-07-01, 1392/04/10

Expected recruitment end date

2013-08-01, 1392/05/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect Of Painting Compared with Routine medical care in Hospital On Anxiety Of Hospitalized Children Aged 6 To 12 years old

Public title

The Effect Of Painting On Children's Anxiety aged 6 to 12

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: hospitalization for at least 6 days, having mental health, required consciousness level required (up to the level that does not prevent doing research). Exclusion criterion: Patient's acute status (for any reason)

Age

From **6 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **72**

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

Ethics Committee Of Tehran University Of Medical Science

Street address

Pur sina St., keshavarz Blvd., Tehran

City

Tehran

Postal code

Approval date

2012-11-27, 1391/09/07

Ethics committee reference number

91-03-61-19038-71355

Health conditions studied

1

Description of health condition studied

Anxiety

ICD-10 code

f41.1,f93.

ICD-10 code description

Separation anxiety disorder of childhood,Generalized anxiety disorder

Primary outcomes

1

Description

Anxiety

Timepoint

Before intervention and after the final intervention

Method of measurement

Revised Children's Manifest Anxiety Scale

Secondary outcomes

empty

Intervention groups

1

Description

The experimental group has 36 children aged 6 to 12 years old. The topic is free painting at experimental group. The equipment offered to child is including: paper, colorful pencil, and crayon in different colors. The painting intervention is performed for 5 consecutive days each session lasting for 25min to 35min. The criterion of assessing anxiety in this research is the Revised Children’s Manifest Anxiety scale that was completed before the first intervention and after the final intervention.

Category

Treatment - Other

2

Description

The control group consisting of 36 children aged 6 to 12 years is similar to experimental group and only intervention is not performed for them. They only benefit from routine medical care in hospital.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Children’s Medical Center

Full name of responsible person

Mina Nooraliee

Street address

Near Imam Khomeini Hospital, Doctor Gharib St., the end of keshavarz Blvd., Tehran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University Of Medical Science Vice Chancellor For Research

Full name of responsible person

Doctor Akbar Fotuhi

Street address

Fourth floor, Center Organization Of Tehran University Of Medical Science, Ghods St., Keshavarz Blvd.

City

Tehran

Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tehran University Of Medical Science Vice Chancellor For Research
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
Tehran University Of Medical science
Full name of responsible person
Mina Nooraliee
Position
Nursing bachelor student
Other areas of specialty/work
Street address
Pur sina St., Keshavarz Blvd., Tehran
City
Tehran
Postal code
Phone
+98 21 8892 6175
Fax
Email
mina.nooraliee@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Faculty of nursing and midwifery
Full name of responsible person
khadije zarei
Position
Faculty member, master of nursing
Other areas of specialty/work
Street address
East nosrat st.,Tohid sq.,Tehran
City
Tehran
Postal code
Phone
+98 21 6692 7171
Fax
Email
zareiikh@tums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Tehran University Of Medical science
Full name of responsible person
Mina Nooraliee
Position
Nursing Bachelor student
Other areas of specialty/work
Street address
Pur sina St., Keshavarz Blvd., Tehran
City
Tehran
Postal code
Phone
+98 21 8892 6175
Fax
Email
mina.nooraliee@yahoo.com
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