

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Sep 2026

Comparing the effect of play , drawing and video on the pre-operative anxiety and post-operative behavioral changes in 3-12 years old children admitted to hospital Kashani .

Protocol summary

Summary

Objective: To compare the effectiveness of play, film and paintings draw on anxiety and postoperative behavioral changes in children 12-5 years old. Designed by trial 3. Participants in the study inclusion criteria: 1 - Cooperation with the intervention of child 2 - child's verbal ability of 3 - having to ability of physical and mental 4 - Parental Consent 5 - Having at least one parent with a child. Exclusion criteria: 1 - Lack of psychiatric or behavioral problem known 2 - absence of pain during the intervening 3 - Lack of mental retardation in children 4. Size of sample: 120 patients in the intervention and control groups 5. How to do and interventions: group interactive game, interactive games for the intervention group will be under an hour, so that they are in groups of 2 to 4 persons will be asked to collaborate with the dough and brick forms (with interest) Painting, drawing groups: children in this group will be a drawing for an hour to draw. Department of Film: Children in this group for an hour to watch a movie (comedy cartoon) will. Control group: routine pre-operative preparation (vs control and being NPO) 6. Time of intervention: 6 to 12 months 7. Main outcome variables: preoperative anxiety and behavioral changes after hospitalization

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012061910066N1**
Registration date: **2012-08-21, 1391/05/31**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-08-21, 1391/05/31

Registrant information

Name

Nasrin Foruzandeh

Name of organization / entity

Shahrekord University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 1333 5648

Email address

foruzandeh.n@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahrekord University of Medical Sciences

Expected recruitment start date

2012-07-20, 1391/04/30

Expected recruitment end date

2014-07-21, 1393/04/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effect of play , drawing and video on the pre-operative anxiety and post-operative behavioral changes in 3-12 years old children admitted to hospital Kashani .

Public title

Anxiety and postoperative behavioral changes in children

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria: 1 - Cooperation with the intervention of child 2 - child's ability to respond to verbal questions 3 - to enjoy physical and mental ability to draw a painting 4 - allow parents to participate in the intervention children 5 - with at least one parent with a child in the evening before surgery. Exclusion criteria: 1 - Psychiatric or behavioral problem known 2 - Pain during the intervening 3 - Mental retardation in children

Age

From **3 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

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

Shahrekord University of Medical Sciences

Street address

Shahrekord , Rahmatiyeh , Shahrekord University of Medical Sciences

City

Shahrekord

Postal code

Approval date

2012-06-10, 1391/03/21

Ethics committee reference number

13-2-91

Health conditions studied

1

Description of health condition studied

preoperative anxiety

ICD-10 code

F43.0

ICD-10 code description

Z00-Z99

Primary outcomes

1

Description

Post Hospitalization Behavior

Timepoint

3 days and 2 weeks Hospitalization

Method of measurement

Post Hospitalization Behavior Questionnaire

2

Description

Preoperative Anxiety

Timepoint

pre and after intervention

Method of measurement

Yale Preoperative Anxiety

Secondary outcomes

empty

Intervention groups

1

Description

Drawing Painting groups: children in this group for an hour in the same room to be ready to draw a painting group. Thus after relationship treatment by a therapist with children and put the necessary tools (paper, pencils and crayons and eraser) they will be asked to paint your favorite color.

Category

Prevention

2

Description

Displaying film(movie): Children in this group spent an hour in the same room to be ready to will watch a movie (comedy cartoon).

Category

Prevention

3

Description

Interactive game will be interactive games in the room in an hour for groups that are prepared under the same group, so that they are in groups of 2 to 4 persons will be asked to collaborate with the dough and brick forms (with respect to interest) .

Category

Prevention

4

Description

Control group: routine pre-operative preparation (vs control and being NPO)

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Kashani hospital of Shahrekord

Full name of responsible person

Nasrin Foruzandeh

Street address

Shahrekord , Rahmatiyeh , Shahrekord University of Medical Sciences

City

Shahrekord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research department of Shahrekord University of Medical Sciences

Full name of responsible person

Dr. Mahmood Mobashery

Street address

Shahrekord, Ayatollah Kashani Blvd - University Staff - Building Number 2 - Research

City

Shahrekord

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research department of Shahrekord University of Medical Sciences

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

Shahrekord University of Medical Sciences

Full name of responsible person

Nasrin Foruzandeh

Position

Faculty

Other areas of specialty/work

Street address

Shahrekord , Rahmatiyeh , Shahrekord University of Medical Sciences

City

Shahrekord

Postal code

Phone

+98 38 1333 5648

Fax

Email

nas_for@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahrekord University of Medical Sciences

Full name of responsible person

Nasrin Foruzandeh

Position

Faculty

Other areas of specialty/work

Street address

Shahrekord , Rahmatiyeh , Shahrekord University of Medical Sciences

City

Shahrekord

Postal code

Phone

+98 38 1333 5648

Fax

Email

nas_for@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Shahrekord University of Medical Sciences

Full name of responsible person

Nasrin Foruzandeh

Position

Other areas of specialty/work

Street address

Shahrekord , Rahmatiyeh , Shahrekord University of Medical Sciences

City

Shahrekord

Postal code

Phone

+98 38 1333 5648

Fax

Email

Web page address	<i>empty</i>
Sharing plan	Informed Consent Form
	<i>empty</i>
Deidentified Individual Participant Data Set (IPD)	Clinical Study Report
<i>empty</i>	<i>empty</i>
Study Protocol	Analytic Code
<i>empty</i>	<i>empty</i>
Statistical Analysis Plan	Data Dictionary
	<i>empty</i>