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
forozandeh.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 anxity
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 aftre lationshiper 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

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