Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The effect of workshop training toward wound healing Based on Kirkpatrick Model on the knowledge and performance of Nurses

Protocol summary

Study aim
Determining the impact of burn wound care training program in children using the Kirkpatrick model on the knowledge and performance of nurses working in Rasht accident and burn hospital in 1402

Design
A clinical trial that has two control and intervention groups. Study data using Spss software and descriptive statistics (mean, standard deviation, distribution and frequency tables) and parametric or non-parametric inference (independent t / Mann-Whitney U, one-way analysis of variance) / Kruskal Wallis) will be analyzed according to the normal distribution of data and multiple linear regression.

Settings and conduct
This study is conducted on 60 nurses of the province hospital, which are divided into two groups of 30 people. One group is the control group and the other group is the intervention group.

Participants/Inclusion and exclusion criteria
Willingness to participate in the study Bachelor degree or higher Failure to participate in the workshop training course on care of burn wounds in children At least six months of work experience in the burn department

Intervention groups
30 nurses on whom the intervention is carried out.

Main outcome variables
Knowledge and performance

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20240204060892N1**
Registration date: **2024-02-11, 1402/11/22**
Registration timing: **registered_while_recruiting**
Last update: **2024-02-11, 1402/11/22**
Update count: **0**

Registration date
2024-02-11, 1402/11/22

Registrant information

Name
Fatemeh Mohammadian

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 31 3200 5084

Email address
f.mohammadian1389@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2024-02-09, 1402/11/20

Expected recruitment end date
2024-05-19, 1403/02/30

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
The effect of workshop training toward wound healing Based on Kirkpatrick Model on the knowledge and performance of Nurses

Public title
Investigating the impact of burn education in children using Kirkpatrick's workshop method

Purpose
Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
Willingness to participate in the study Bachelor's degree or higher Failure to participate in the workshop training course on caring for children's burn wounds At least six months of work in the burn department
Exclusion criteria:
Participation in the burn workshop

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **60**
More than 1 sample in each individual
Number of samples in each individual: **0**
Two groups of 30 people

Randomization (investigator's opinion)
Randomized

Randomization description
Quadruple random blocks

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
Research Ethics Committee of Gilan University of Medical Sciences
Street address
Sergol Square, 4 Nebubot Alley, Kayhan Building 3
City
Rasht
Province
Guilan
Postal code
4158666120

Approval date
2024-01-10, 1402/10/20

Ethics committee reference number
517.IR.GUMS.REC.1402

Health conditions studied

1

Description of health condition studied
Investigating the impact of burn wound care training program in children using a workshop method

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Knowledge and performance of nurses

Timepoint
1 month

Method of measurement
Giving questionnaires to nurses before and after the intervention

Secondary outcomes

1

Description
Knowledge and performance

Timepoint
1 month

Method of measurement
Through questionnaire

Intervention groups

1

Description
Intervention group: teaching nurses by workshop method with Kirkpatrick's model of burn wounds in children

Category
Other

2

Description
Control group: Control group: teaching burn wounds in children to nurses through webinar

Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Province Hospital
Full name of responsible person
Ftemeh mohammadian
Street address
Porsina intersection, Velayat accident and burn hospital
City

Rasht
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Postal code
4158666120
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+98 13 3331 1460
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F.mohammadian1389@gmail.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Rasht University of Medical Sciences
Full name of responsible person
Dr. Ramyar Farzan
Street address
Sergol Square, Nevut Alley 4
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4158666120
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F.mohammadian1389@gmail.com
Web page address
Grant name
Medical sciences
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Rasht 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
Rasht University of Medical Sciences
Full name of responsible person
Fateme mohammadian
Position
Student
Latest degree
Bachelor
Other areas of specialty/work
Medical Education
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Person responsible for updating data

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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
Part of the data is publishable
When the data will become available and for how long
2 months
To whom data/document is available
Nurses, training supervisors
Under which criteria data/document could be used
This data is very useful for training
From where data/document is obtainable
By phone and email in person
What processes are involved for a request to access data/document
She must submit her request via email
Comments