

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jul 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
Province
Guilan
Postal code
4158666120
Phone
+98 13 3331 1460
Email
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
City
Rasht
Province
Guilan
Postal code
4158666120
Phone
+98 13 3200 5084
Email
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
Street address
Sergol Square, Nevut Alley 4
City
Rasht
Province
Guilan
Postal code
4158666120
Phone
+98 31 3200 5084
Fax
Email
F.mohammadian1389@gmail.com
Web page address

Person responsible for scientific 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
Street address
Sergol Square, Nevut Alley 4
City
Rasht
Province
Guilan
Postal code
4158666120
Phone
+98 13 3200 5084
Email
F.mohammadian1389@gmail.com

Person responsible for updating data

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
Street address
Sergol Square, Nevut Alley 4
City
Rasht

Province

Guilan

Postal code

4158666120

Phone

+98 13 3200 5084

Email

F.mohammadian1389@gmail.com

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