Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The effects of the designed empowerment program of the nurses on the quality of pediatric health assessment skills

Protocol summary

Summary

This research is a quasi-experimental study That program is designed to empower nurses to evaluate the effect on the quality of pediatric health assessment Skills for 8 months in 2016 on 107 (53 nurse in intervention group and 54 nurse in control group) nurses will be conducted at 4 medical centers. Inclusion criteria: Have at least a bachelor's degree, continuity with regard to the duration of the study, the Persian language; nurses to participate in the research, passing retrained health assessment and elapse time of employment of nurses in the pediatric ward were at least three months. Exclusion criteria: The absence of nurses empowerment meetings. The main intervention will be effects of the designed empowerment program of the nurses on the quality of pediatric health assessment skills. In the "control" pediatric assessment in Imam Ali hospital and Shoahdaei Mahmood Abad hospitals will be selected. In the category of "Intervention" after empowering nurses sampling will be done in Imam Reza hospital and Babol Pediatric hospital. The skill of nurses in the pediatric health assessments in the two groups will be compared before and after the intervention in both groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016090929761N1**
Registration date: **2016-11-02, 1395/08/12**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-11-02, 1395/08/12

Registrant information

Name

Mohammad Khoran

Name of organization / entity

Department of Nursing; School of Medical Sciences; Tarbiat Modares University.

Country

Iran (Islamic Republic of)

Phone

+98 11 4423 1150

Email address

m.khoran@modares.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research, Tarbiat Modares School of Medical Sciences.

Expected recruitment start date

2015-11-22, 1394/09/01

Expected recruitment end date

2016-07-22, 1395/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effects of the designed empowerment program of the nurses on the quality of pediatric health assessment skills

Public title

The effects of the designed empowerment program of the nurses on the quality of pediatric health assessment skills

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Have at least a bachelor's degree;

continuity with regard to the duration of the study; the Persian language; nurses to participate in the research; passing retrained health assessment and elapse time of employment of nurses in the pediatric ward were at least three months. Exclusion criteria: The absence of nurses empowerment meetings.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **107**

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 Tarbiat Modares University .

Street address
Tarbiat Modares University.Tehran, Iran

City
Tehran

Postal code

Approval date
2015-08-26, 1394/06/04

Ethics committee reference number
IR.TMU.REC.1394.105

Health conditions studied

1

Description of health condition studied
Pediatric health assessment

ICD-10 code
Z00.1

ICD-10 code description
Routine child health examination

Primary outcomes

1

Description
quality of pediatric health assessment skills by nurses

Timepoint
Before and after implement empowerment program(4 months after intervention)

Method of measurement
Designed tool

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: empowerment of nurses in implements of health assessment by designed text, pamphlet, booklet and clinical intervention. Implemented in clinical training for nurses was held 12 sessions of 30 minutes. The main topics include the history and physical examination.

Category
Diagnosis

2

Description
Control group: No intervention.

Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Reza hospital

Full name of responsible person
Mohamad Khoran

Street address
Imam reza street.

City
Amol

2

Recruitment center

Name of recruitment center
Imam Ali hospital.

Full name of responsible person
Mohamad Khoran

Street address
Noor street.

City
Amol

3

Recruitment center

Name of recruitment center
Shoahdaei Mahmood Abad Hospital

Full name of responsible person
Mohamad Khoran

Street address
Azadi street.

City
Mahmood Abad.

4

Recruitment center

Name of recruitment center
Babol Pediatric hospital

Full name of responsible person
Mohamad Khoran

Street address
Amirkola

City
Amirkola

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research, Tarbiat Modares School of Medical Sciences.

Full name of responsible person
Yaghob Fathollahi

Street address
Tehran

City
Tehran

Grant name

Grant code / Reference number

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

Title of funding source
Vice Chancellor for research, Tarbiat Modares School 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
Tarbiat Modares University.Tehran, Iran

Full name of responsible person
Moahammad Khoran

Position
Student

Other areas of specialty/work

Street address
Tehran

City
Tehran

Postal code

Phone
+98 21 8288 3554

Fax

Email
m.khoran@modares.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Department of Nursing; School of Medical Sciences; Tarbiat Modares University.

Full name of responsible person
Fateme Alhani

Position
Assosiate professor

Other areas of specialty/work

Street address
Tehran

City
Tehran

Postal code

Phone
+98 21 8288 3554

Fax

Email
kowssar2002@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity
Department of Nursing; School of Medical Sciences; Tarbiat Modares University.

Full name of responsible person
Mohammad Khoran

Position
Student

Other areas of specialty/work

Street address
Tehran

City
Tehran

Postal code

Phone
+98 21 8288 3554

Fax

Email
m.khoran@modares.ac.ir

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