Clinical Trial Protocol
Iranian Registry of Clinical Trials

23 Sep 2026

The effect of web-based education on neonatal nurses caring ability in the neonatal intensive care in third unit.

Protocol summary

Summary

Aims: The purpose of this study was to determine the impact of Web-based education program on the neonatal care nurses' caring ability" in the neonatal intensive care in the third unit. Design: This study is a quasi-experimental study with two groups of experimental and control. Participants, including the conditions of entry and exit: 80 nurses working in the neonatal intensive care in the third unites of Tehran, Valiasr, comprehensive women, Bahrami and children medical center hospitals that chosen by voluntarily sampling method and were divided into two experimental and control groups . Implementation method: kongo caring ability questionnaire in the pre-test and post-test (two months after the pre-test) in two groups. Intervention: Experimental group with under 2 months of training through system virtual symbol virtual schools Tehran University Of Medical Sciences using the educational content in the form of visual (multimedia files), audio (podcasting) and text files(PDF) were. The main outcome variable: expression of this will be that weather this way of teaching caring ability Neonatal Nurses will be effective or not?

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2016011125969N1**
Registration date: **2016-01-25, 1394/11/05**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-01-25, 1394/11/05

Registrant information

Name

Leila Azizkhani

Name of organization / entity

Faculty of Nursing and Midwifery Tehran university of Medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 5570 2958

Email address

azizkhani.leila@gmail.com

Recruitment status

Recruitment complete

Funding source

Faculty of Nursing and Midwifery

Expected recruitment start date

2015-12-31, 1394/10/10

Expected recruitment end date

2016-02-29, 1394/12/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of web-based education on neonatal nurses caring ability in the neonatal intensive care in third unit.

Public title

The effect of web-based on neonatal nurses caring ability in the neonatal intensive care in third unit.

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: work experience in neonatal intensive care in the third units (at least six months before jury study) having skill in working with computers and the

Internet to provide proof of ICDL, Internet access, has a Bachelor or master's degree in nursing. Exclusion criteria: Change the samples of the intervention and control groups, number of login less than 8 times in system.

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **80**

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 Tehran University of Medical Sciences and Helth Services(Research Center)

Street address
The sixth floor of the university at the corner of the street Guys, Keshavarz Boulevard. Tehran

City
Tehran

Postal code
-

Approval date
2014-08-31, 1393/06/09

Ethics committee reference number
1290/130/931،

Health conditions studied

1

Description of health condition studied
caring ability

ICD-10 code
-

ICD-10 code description
-

Primary outcomes

1

Description
caring ability

Timepoint
Before the intervention, two months after the intervention

Method of measurement
caring ability Questionnaire of Kongo

Secondary outcomes

1

Description
Increased information about how to take care 0f critical infants

Timepoint
During two months 0f intervention

Method of measurement
Questions and answers online in website researcher made

Intervention groups

1

Description
Intervention group :web-based education on the Neonatal care nurse's caring ability in the neonatal intesive in the third unit and follow up was conducted by mail and online question and answer.

Category
Other

2

Description
Control group :They used of routine education in ward

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Tehran Children Medical Center

Full name of responsible person
Leila Azizkhani

Street address
Tehran Children Medical Center, Nosrat Western Avenue, Tehran

City
Tehran

2

Recruitment center
Name of recruitment center
Bahrami hospital
Full name of responsible person
Leila Azizkhani
Street address
Damavand Street, Ghasem Abad street, Amir Kiyaei street, Tehran
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research of Tehran University of Medical Sciences Chancellor for Vice.
Full name of responsible person
D.Ziba Taghizadeh
Street address
Faculty of Nursing and Midwifery, Nosrat Eastern Avenue, Towhid Square, Tehran
City
Tehran
Grant name
-
Grant code / Reference number
-
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research of Tehran University of Medical Sciences Chancellor for Vice.
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
Faculty of Nursing and Midwifery, Tehran
Full name of responsible person
Leila Azizkhani
Position
Master of Neonatal Intensive Care Nursing
Other areas of specialty/work
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Faculty of Nursing and Midwifery, Nosrat Eastern Avenue, Towhid Square, Tehran
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Web page address
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Person responsible for scientific inquiries

Contact
Name of organization / entity
Faculty of Medicine Tehran University of Medical Sciences
Full name of responsible person
Dr.Malihe Kadivar
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Neonatologist
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Person responsible for updating data

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Fax

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Web page address

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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