Clinical Trial Protocol
Iranian Registry of Clinical Trials

02 Nov 2026

The impact of Web-based education program on the neonatal care nurses' self-efficacy in the level one .

Protocol summary

Summary

Aims: The purpose of this study was to determine the impact of Web-based education program on the neonatal care nurses' self-efficacy in the level one. 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 and midwives working in the neonatal wards in the level one of Tehran, Valiasr, Ziaeian, Comprehensive Women, Arash, Baharlo and Shariati hospitals that chosen by voluntarily sampling method and were divided into two experimental and control groups. Implementation method: Schwarzer efficacy 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 of virtual schools of 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 this weather this way of teaching efficacy Neonatal Nurses will be effective or not?

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2016011225974N1**
Registration date: **2016-02-01, 1394/11/12**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-02-01, 1394/11/12

Registrant information

Name

Tahereh Nikdel

Name of organization / entity

Faculty of Nursing and Midwifery of Tehran University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 13 4436 3021

Email address

tahereh.nikdel@yahoo.com

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Faculty of Nursing and Midwifery of Tehran University Of Medical Sciences

Expected recruitment start date

2015-12-26, 1394/10/05

Expected recruitment end date

2016-02-24, 1394/12/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The impact of Web-based education program on the neonatal care nurses' self-efficacy in the level one .

Public title

The impact of Web-based education on the neonatal care nurses' self-efficacy in the level one .

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Work experience in neonatal 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 or midwifery. 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
By using of the randomized method (lottery style) 3 hospitals as control group and 3 hospitals as intervention group were selected.

Secondary Ids

1

Registry name
-

Secondary trial Id
-

Registration date
empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Tehran University Of Medical Sciences

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

City
Tehran

Postal code
-

Approval date
2015-11-22, 1394/09/01

Ethics committee reference number
IR.TUMS.REC.1394.1211

Health conditions studied

1

Description of health condition studied
self-efficacy

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Nurses' Self-efficacy

Timepoint
Before the intervention and 2 months after the intervention.

Method of measurement
Schwarzer Self-efficacy Questionnaire (GSE10)

Secondary outcomes

1

Description
Nurses' s knowledge and skills in the care of newborn

Timepoint
1 and 2 month after intervention

Method of measurement
Examination through system virtual symbol

Intervention groups

1

Description
Experimental group :With under 2 months of training through system virtual symbol of virtual schools of Tehran University Of Medical Sciences using the educational content in the form of visual (multimedia files), audio (podcasting) and text files were.

Category
Other

2

Description
Control group: routine tasks performed.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Baharloo hospital

Full name of responsible person
Tahereh Nikdel(Master of Neonatal Intensive Care

Nursing)

Street address

Behdari Street, Rahahan Square, Tehran

City

Rasht

2

Recruitment center

Name of recruitment center

Arash Comprehensive Womens hospital

Full name of responsible person

Tahereh Nikdel(Master of Neonatal Intensive Care Nursing)

Street address

Next to the police station 126, Baghdarnya Avenue , Fargam street, Second Square Tehranpars, Tehran

City

Rasht

3

Recruitment center

Name of recruitment center

Valiasr hospital

Full name of responsible person

Tahereh Nikdel(Master of Neonatal Intensive Care Nursing)

Street address

Valiasr hospital, Imam Khomeini Hospital, Keshavarz Boulevard,Tehran

City

Rasht

4

Recruitment center

Name of recruitment center

Ziaeian hospital

Full name of responsible person

Tahereh Nikdel(Master of Neonatal Intensive Care Nursing)

Street address

Front Municipal Area 17, Abouzar Street, Qazvin Street, Tehran

City

Rasht

5

Recruitment center

Name of recruitment center

comprehensive women(Moheb yas) hospital

Full name of responsible person

Tahereh Nikdel(Master of Neonatal Intensive Care Nursing)

Street address

end of North Nejatollahi Street, Karim Khan Zand Street, Tehran

City

Rasht

6

Recruitment center

Name of recruitment center

Shariati hospital

Full name of responsible person

Tahereh Nikdel(Master of Neonatal Intensive Care Nursing)

Street address

Jalal-e-Al-e-Ahmad Three way, North Kargar Street,Tehran

City

Rasht

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Faculty of Nursing and Midwifery of Tehran University of Medical Sci

Full name of responsible person

Dr 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

Vice chancellor for research of Faculty of Nursing and Midwifery of Tehran University of Medical Sci

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 of Tehran University Of Medical Sciences

Full name of responsible person

Tahereh nikdel

Position

Master of Neonatal Intensive Care Nursing

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact
Name of organization / entity
Faculty of Medicine of Tehran University Of Medical Sciences
Full name of responsible person
Dr.Malihe Kadivar
Position
Neonatologist
Other areas of specialty/work
Street address
Tehran Children Medical Center NICU ward, Nosrat Western Avenue, Tehran
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Web page address

Person responsible for updating data

Contact
Name of organization / entity
Faculty of Nursing and Midwifery of Tehran University Of Medical Sciences
Full name of responsible person
Tahereh Nikdel
Position
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Other areas of specialty/work
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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