

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jun 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 Health 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

1290/130/931s

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 Of critical infants

Timepoint

During two months Of 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 intensive 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

Bahrani hospital

Full name of responsible person

Leila Azizkhani

Street address

Damavand Street, Ghasem Abad street, Amir Kiyaei street, Tehran

City

Tehran

Avenue, Towhid Square, Tehran

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Email

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Web page address

-

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**Street address**

Faculty of Nursing and Midwifery, Nosrat Eastern

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

Position

Neonatologist

Other areas of specialty/work**Street address**

Tehran Children Medical Center NICU Ward, Nosrat
Western Avenue, Tehran

City

Tehran

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Person responsible for updating data

Contact

Name of organization / entity

Faculty of Nursing and Midwifery Tehran

Full name of responsible person

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Position

Master of Neonatal Intensive Care Nursing

Other areas of specialty/work**Street address**

Faculty of Nursing and Midwifery. Nosrat Western
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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