

# 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

**City**

Tehran

**Postal code**

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**Phone**

+98 21 5570 2958

**Fax**

-

**Email**

azizkhani.leila@gmail.com

**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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**Phone**

+98 21 61479

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Kadivarm@tums.ac.ir

**Web page address**

-

## Person responsible for updating data

### 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 Western  
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**City**

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**Fax**

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**Email**

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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*