

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Oct 2026

The impact of E-learning Education on the knowledge and practice of nurses regarding the neonatal stabilization before transport

Protocol summary

Summary

A review of the literature and help the teachers and with the support of Sharif University of Technology established a web site containing educational materials for infants before the transfer was made with short PIERS STRATEGY (Procedures, Infection, Equipment, Resuscitation, Support & Safety, Seizure Treatment, Respiratory management, Assessment, Thermoregulation, Empathy, Glucose administration, Yellowish discoloration). Nurses in Mahdiah, Rasul and Taleghani hospitals after the coordination and authorization and after obtaining consent from staff for voluntary participation in the study were randomly divided into control and test groups. After obtaining permission from the ethics committee and informed consent, both Group were completed demographic and self-reported questionnaire knowledge and performance. educational materials were presented during the ten weeks and with methods such as webinars, PowerPoint, video clips and links to provide training to the test group (Was given to each person a username and password to log in the virtual space). The possibility of interact with the Research team by e-mail and Hall of Conversation was provided during training. There is no intervention for control group. Two weeks after intervention was completed two self-report questionnaire, knowledge and performance again. At the end of the study the control group was given username and password.

General information

Acronym

Piers strategy

IRCT registration information

IRCT registration number: **IRCT2015110724917N1**

Registration date: **2016-01-30, 1394/11/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-01-30, 1394/11/10

Registrant information

Name

Maryam Soltandoost Nari

Name of organization / entity

Faculty of Nursing and Midwifery, Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6692 7171

Email address

m_soltandoostn@yahoo.com

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, Faculty of Nursing and Midwifery

Expected recruitment start date

2015-04-09, 1394/01/20

Expected recruitment end date

2015-09-01, 1394/06/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The impact of E-learning Education on the knowledge and practice of nurses regarding the neonatal stabilization before transport

Public title

E-learning Education of neonatal stabilization before

transport for nurses

Purpose
Other

Inclusion/Exclusion criteria
Inclusion criteria: bachelor's or master's degree in nursing or midwifery; care of infants for six months at the work; the willingness to participate in the study; having at least data for work with a computer; access to the Internet. Exclusion criteria: nurse's unwillingness to participate in the study; change unit at the time of the study.

Age
From **23 years** old to **50 years** old

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **81**

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

The Ethics committee of Tehran University of Medical Sciences and Health Services Research Department

Street address

The Sixth floor, Tehran University of Medical Sciences, Qhods st., Keshavarz Boulevard

City

Tehran

Postal code

Approval date

2014-09-13, 1393/06/22

Ethics committee reference number

130/1311/93/ص

Health conditions studied

1

Description of health condition studied

The impact of e-learning neonatal stabilization before transport

ICD-10 code

Z71.9

ICD-10 code description

Medical advice NOS

Primary outcomes

1

Description

Nurses' knowledge in relation to the stabilization of infants before transfer

Timepoint

Before E-Learning and two weeks after the training

Method of measurement

Questionnaire with multiple choice questions based on the content taught (Researcher made)

2

Description

Nurses working in conjunction with the stabilization of infants before transfer

Timepoint

Before E-Learning and two weeks after the training

Method of measurement

Questionnaire with multiple choice questions based on the content taught (Researcher made)

Secondary outcomes

empty

Intervention groups

1

Description

Educational materials were presented during the ten weeks and with methods such as multimedia, PowerPoint, video clips and links to provide training to the test group (Was given to each person a username and password to log in the virtual space). The possibility of interact with the Research team by e-mail, mobile and Hall of Conversation was provided during training.

Category

Other

2

Description

There is no intervention for control group.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Mahdiah hospital

Full name of responsible person

Maryam Soltandoost Nari

Street address

Boroujerdi, Shush Street

City

Tehran

2**Recruitment center****Name of recruitment center**

Rasoul Akram hospital

Full name of responsible person

Maryam Soltandoost Nari

Street address

Niayesh Street, Sattarkhan Street

City

Tehran

3**Recruitment center****Name of recruitment center**

Taleghani hospital

Full name of responsible person

Maryam Soltandoost Nari

Street address

Shahid Earabi Street, Yaman Street, Shahid Chamran highway

City

Tehran

Sponsors / Funding sources1**Sponsor****Name of organization / entity**

Tehran University of Medical Sciences

Full name of responsible person

Dr. Ziba Taghizadeh

Street address

School of Nursing and Midwifery, Nosrat West Street, Tehran University of Medical Sciences, Tehran

City

Tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Tehran University 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**

Faculty of Nursing and Midwifery, Tehran University

Full name of responsible person

Maryam Soltandoost Nari

Position

Master of Neonatal Intensive Care Nursing

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

Faculty of Nursing and Midwifery, Nosrat Eastern Avenue, Towhid Square, Tehran

City

Tehran

Postal code

1419733171

Phone

+98 21 6692 7171

Fax**Email**

m_soltandoostn@yahoo.com

Web page address**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

Postal code**Phone**

+98 21 61479

Fax**Email**

kadivarm@tums.ac.ir

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

School of Nursing and Midwifery, Tehran University of Medical Sciences

Full name of responsible person

Maryam Soltandoost Nari

Position

Master of Neonatal Intensive Care Nursing

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

School of Nursing and Midwifery, Tehran University of
Medical Sciences, Nosrat West Avenue, Tehran

City

Tehran

Postal code**Phone**

+98 21 6692 7171

Fax**Email**

m_soltandoostn@yahoo.com

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