

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Aug 2026

Comparative study of e-learning methods and tools in the workshop of delirium by nurses

Protocol summary

Summary

The research is a clinical in hospitals related to Tehran University of Medical Sciences. The nurses have Inclusion criteria: Willingness to participate in research, Graduate with a bachelor, degree in nursing, having at least 2 years of experience working in critical care unit, Aged 25 to 50 years Computer and Internet access, Web familiarity and searching, Lack of trained in the use of tools for delirium and Exclusion criteria: Unwillingness to participate in research divided 2 groups (training workshop and continues medical education). Then they are taught about delirium and CAM-ICU tool and research assess use of tool in the critical care unit.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201208298286N3**

Registration date: **2012-09-24, 1391/07/03**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-09-24, 1391/07/03

Registrant information

Name

Fatemeh Bahramnezhad

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6692 7171

Email address

fatemeh_bahramnezhad@yahoo.com

Recruitment status

Recruitment complete

Funding source

The Nursing & Midwifery care research Center

Expected recruitment start date

2012-10-15, 1391/07/24

Expected recruitment end date

2013-02-16, 1391/11/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative study of e-learning methods and tools in the workshop of delirium by nurses

Public title

Delirium & Nursing

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: willingness to participate in research; graduate with a bachelor degree in nursing; having at least 2 years of experience working in critical care unit; aged 25 to 50 years old; having computer and internet access, web familiarity and searching and lack of trained in the use of tools for delirium. Exclusion criterion: unwillingness to participate in research.

Age

From **25 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60
Randomization (investigator's opinion)
 N/A
Randomization description
Blinding (investigator's opinion)
 Not blinded
Blinding description
Placebo
 Not used
Assignment
 Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
 Tehran University of Medical Sciences
Street address
 Tehran, Tehran University of Medical Sciences
City
 Tehran
Postal code
Approval date
 2012-09-05, 1391/06/15
Ethics committee reference number
 63395

Health conditions studied

1

Description of health condition studied
 Delirium
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
 Sing tool delirium
Timepoint
 One week after the intervention
Method of measurement
 Checklist

Secondary outcomes

empty

Intervention groups

1

Description
 Control group: Training group
Category
 N/A

2

Description
 Intervention group: continue medical education
Category
 N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
 Emam Khomini Hospital
Full name of responsible person
Street address
City
 Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
 The Nursing & Midwifery Care Research Center
Full name of responsible person
 Mitra Zolfaghari
Street address
 Nursing and Midwifery Care Research Center, Faculty of Nursing and Midwifery, Nosrat St., Tohid Sq., Tehran, Iran.
City
 Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
 Yes
Title of funding source
 The Nursing & Midwifery Care Research Center
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

Tehran University of Medical Sciences

Full name of responsible person

Fatemeh Bahramnezhad

Position

PhD student

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

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

Fatemeh Bahramnezhad

Position

PhD candidate of nursing

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

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mohammad Ali Cheraghi

Position

PhD

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

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City

Tehran

Postal code**Phone**

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