

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 Jun 2026

The effect of pain monitoring developed program in patients with decreased level of consciousness on the performance of nurses in the diagnosis and management of pain in the intensive care unit

Protocol summary

Summary

The purpose of study to determine the effect of pain monitoring developed program in patients with decreased level of consciousness on the performance of nurses in the diagnosis and management of pain in the intensive care unit. Inclusion criteria: GCS score of 5 to 8; age 18 to 65 years. Exclusion criteria included: the endotracheal tube extubation; substantial drop in level of consciousness. Study population: Imam Reza and Ghaem Hospital ICU admitted patients. Sample size: 60 patients. Intervention: Learning Non-verbal pain scale and pain Management Protocol for a month. Primary outcome: increased performance of nurses in control and pain diagnosis.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016062526113N1**

Registration date: **2016-08-04, 1395/05/14**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-08-04, 1395/05/14

Registrant information

Name

Majid Akhond

Name of organization / entity

School of Nursing and Midwifery, Mashhad

Country

Iran (Islamic Republic of)

Phone

+98 51 3661 5128

Email address

akhondm1@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2016-08-22, 1395/06/01

Expected recruitment end date

2016-09-22, 1395/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of pain monitoring developed program in patients with decreased level of consciousness on the performance of nurses in the diagnosis and management of pain in the intensive care unit

Public title

The effect of pain monitoring developed program in patients with decreased level of consciousness on the performance of nurses in the diagnosis and management of pain in the intensive care unit

Purpose

Diagnostic

Inclusion/Exclusion criteria

Inclusion criteria: GCS score of 5 to 8; Endotracheal tube or tracheostomy; lack of treatment of muscle relaxants and painkillers; the age 18 to 65 years. Exclusion criteria included: the endotracheal tube extubation; substantial drop in level of consciousness; septicemia; hypovolemia; tachyarrhythmia.

Age

From **18 years** old to **65 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

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Mashhad University of Medical Sciences

Street address

Qureshi Building ,TaghiAbad,Mashhad

City

Mashhad

Postal code

Approval date

2016-06-19, 1395/03/30

Ethics committee reference number

IR.MUMS.REC.1395.159

Health conditions studied

1

Description of health condition studied

Loss of consciousness

ICD-10 code

F13

ICD-10 code description

Mental and behavioural disorders due to use of sedatives or hypnotics

Primary outcomes

1

Description

pain monitoring

Timepoint

one month

Method of measurement

building researcher observational checklist

Secondary outcomes

1

Description

Muscle relaxant drugs

Timepoint

one month

Method of measurement

pain monitoring protocol

2

Description

age

Timepoint

one month

Method of measurement

pain monitoring protocol

Intervention groups

1

Description

Learning Non-verbal pain scale and pain management

Protocol for a month .

Category

Other

2

Description

In the control group will be not given additional explanation about pain assessment and pain monitoring developed program.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Reza emam hospital

Full name of responsible person

Dr. froutan razie

Street address

Reza emam hospital -taghiabad-mashhad

City

Mashhad

2

Recruitment center

Name of recruitment center

Ghaem Hospital

Full name of responsible person

Dr. Froutan, Razie

Street address

Ghaem Hospital -taghiabad-mashhad

City

Mashhad

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Mashhad University of Medical Sciences

Full name of responsible person

Dr.Froutan, Razie

Street address

Building ghoreshi-university avenue-mashhad

City

Mashhad

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

Yes

Title of funding source

Mashhad 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**

School of Nursing and Midwifery, Mashhad

Full name of responsible person

Dr.Froutan, Razie

Position

Nursing PhD

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

Building jorjani- taghiabad-mashhad

City

Mashhad

Postal code**Phone**

+51 38591511

Fax**Email**

froutanr@mums.ac.ir

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

School of Nursing and Midwifery, Mashhad

Full name of responsible person

Dr Froutan, Razie

Position

Nursing PhD

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

Building jorjani-taghiabad-mashhad

City

Mashhad

Postal code**Phone**

+51 38591511

Fax**Email**

froutanr@mums.ac.ir

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

School of Nursing and Midwifery, Mashhad

Full name of responsible person

Majid Akhond

Position

Critical Care Nursing postgraduate

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

ICU-A-Emam Reza Hospital -Taghiabad-Mashhad

City

Mashhad

Postal code**Phone**

+51 8023710

Fax**Email**

akhondm1@mums.ac.irmajid6129@gmail.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*