Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Nov 2026

Application of Nursing Care Practices Among Nurses' and its Influence in Optimizing the Outcomes of Patients with Stroke

Protocol summary

Study aim
To evaluate the current nursing care practices utilized by nurses in the management of patients with stroke, to evaluate the effect of nursing care practices in optimizing clinical outcomes for patients with stroke, and to find-out the association among nurses' practices and demographic characteristics of (educational level and year of experiences in the field.

Design
quantitative pre-experimental study design.

Settings and conduct
AL-Basrah teaching hospitals (ICU).

Participants/Inclusion and exclusion criteria
The criteria that must be found in the sample to be included in the study are nurses above 18 years working in ICU old. exclusion criteria nurses who refuse to participate in the study.

Intervention groups
All nurses were male, and female give them education about how to prevent potential complication for patient with stroke .

Main outcome variables
prevent the potential complications of stroke (aspiration pneumonia, pressure ulcer and UTI).

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20240525061888N1**
Registration date: **2024-08-09, 1403/05/19**
Registration timing: **registered_while_recruiting**

Last update: **2024-08-09, 1403/05/19**
Update count: **0**

Registration date
2024-08-09, 1403/05/19

Registrant information

Name
khadija mohammed
Name of organization / entity
University of Baghdad
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Iraq
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khadija.saeed2202p@conursing.uobaghdad.edu.iq

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2024-07-01, 1403/04/11

Expected recruitment end date
2024-09-01, 1403/06/11

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Application of Nursing Care Practices Among Nurses' and its Influence in Optimizing the Outcomes of Patients with Stroke

Public title
Application of Nursing Care Practices Among Nurses' and its Influence in Optimizing the Outcomes of Patients with Stroke

Purpose
Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
The criteria that must be found in the sample to be included in the study are nurses 25 years old, working in

ICU.

Exclusion criteria:

nurses who refuse to participate in the study.

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: **50**

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

Ethics committee in collage of Nursing at University of Baghdad

Street address

Baghdad city, Bab-Al-Muadhim

City

baghdad

Postal code

A/N

Approval date

2024-04-16, 1403/01/28

Ethics committee reference number

1510

Health conditions studied

1

Description of health condition studied

potential complications of stroke

ICD-10 code

Z82.3

ICD-10 code description

Family history of stroke

Primary outcomes

1

Description

the primary outcome variable that may reduce potential complications of stroke.

Timepoint

after 20 minutes post education.

Method of measurement

Braden scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: in the intervention group teach the nurse to use standard guideline to prevent potential complications of stroke for patient.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

AL-Basrah teaching hospitals (ICU).

Full name of responsible person

Khadija Mohammed Jassim

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AL-zubair

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Web page address

https://irct.behdasht.gov.ir/user/trial/77005/update/recruitment_center

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Baghdad University/ College of Nursing

Full name of responsible person

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Web page address
https://irct.behdasht.gov.ir/user/trial/77005/update/sponsor

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Baghdad University/ College of Nursing

Proportion provided by this source
100

Public or private sector
Public

Domestic or foreign origin
Domestic

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Baghdad University/ College of Nursing

Full name of responsible person
Khadija Mohammed Jassim

Position
student

Latest degree
Master

Other areas of specialty/work
Adult Nursing

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available

Study Protocol
Yes - There is a plan to make this available

Statistical Analysis Plan
Yes - There is a plan to make this available

Informed Consent Form
Yes - There is a plan to make this available

Clinical Study Report
Yes - There is a plan to make this available

Analytic Code
Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary
Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document
the data will be the result of the observational checklist that measure the prevention complication of stroke for patient.

When the data will become available and for how long
Once the process of data collection, analysis, and successful publishing of the manuscript, all the related files will become available

To whom data/document is available
which academic nurse and any researcher who is interested in the data

Under which criteria data/document could be used
The data could be used after getting the permission via email. Also, users need to acknowledge the owner.

From where data/document is obtainable
Users can ask for the data and permission via email at khadija.saeed2202p@conursing.uobaghdad.edu.iq

What processes are involved for a request to access data/document
preparing a summary report of the research findings, highlighting the key outcomes, conclusion, and recommendation.

Comments