

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

Effect of multifaceted education program on knowledge, attitude and quality of end of life nursing care in intensive care units

Protocol summary

Study aim

Determining the effect of multifaceted education program on knowledge, attitude and quality of end of life nursing care in intensive care units

Design

In a simple random sampling method, an ICU will be allocated as the intervention group and an ICU will be allocated as the control group.

Settings and conduct

All nurses working in two ICU number 1 and 2 of Kowsar Hospital will be selected according to the inclusion criteria.

Participants/Inclusion and exclusion criteria

Bachelor's degree and higher , At least one year of work experience, The tendency to participate in research, Nurses working in Intensive Care Units

Intervention groups

In the intervention group, a one-day workshop will be held in two rounds of six hours. Then during the six weeks after the workshop, education continues in the ward environment and by virtual training. In the control group after the end of the study, the educational content presented to them.

Main outcome variables

Knowledge about the end of life nursing care
Attitude about the end of life nursing care
Quality of end of life nursing care

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180826040865N1**
Registration date: **2018-11-23, 1397/09/02**
Registration timing: **registered_while_recruiting**

Last update: **2018-11-23, 1397/09/02**

Update count: **0**

Registration date

2018-11-23, 1397/09/02

Registrant information

Name

taleb rahmatian

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 87 3373 7010

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talebrahmatian@muk.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-12, 1397/07/20

Expected recruitment end date

2020-10-11, 1399/07/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of multifaceted education program on knowledge, attitude and quality of end of life nursing care in intensive care units

Public title

Multifaceted education program

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Bachelors degree and higher At least one year of work

experience The tendency to participate in research
Nurses working in intensive care units

Exclusion criteria:

Participate in end-of-life care courses

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 22

Randomization (investigator's opinion)

Randomized

Randomization description

Because the intervention implemented in a ward environment so it is not possible to randomized individuals. So, The wards will randomize to intervention and control groups. There are two ICU wards (number 1 and 2) in Kowsar Hospital which by simple random method (coin tossing) one ward allocated to the intervention group and next to the control group.

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Intervention study with two groups (Intervention and control)

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Kurdistan University of Medical Sciences

Street address

Pasdaran st

City

Sanandaj

Province

Kurdistan

Postal code

66177-13446

Approval date

2018-09-12, 1397/06/21

Ethics committee reference number

IR.MUK.REC.1397.060

Health conditions studied

1

Description of health condition studied

Knowledge and Attitude and Quality of End of Life Nursing Care

ICD-10 code

Z55.9

ICD-10 code description

Problems related to education and literacy, unspecified

Primary outcomes

1

Description

Knowledge about end of life nursing care

Timepoint

At the beginning of the study and six weeks after the training

Method of measurement

The RN / LVN version of the End-of-Life Surveillance Survey Questionnaire consists of 24 questions and answers are based on the answer.

2

Description

Attitude about end of life nursing care

Timepoint

At the beginning of the study and six weeks after the training

Method of measurement

The attitude questionnaire is about end-of-life care, which consists of thirty questions with perfectly agreeable answers (4) to totally disagree (zero).

3

Description

Quality of end of life nursing care

Timepoint

At the beginning of the study and six weeks after the training

Method of measurement

Nursing care quality questionnaire is the end of life, which consists of 10 questions with answers of zero ten

Secondary outcomes

empty

Intervention groups

1

Description

In the intervention group, a one-day workshop will be held in two rounds of six hours. The workshop holds up using educational tools including Laptop, Projector, PowerPoint, Group discussion, Short film screenings and

presenting the scenario of the end of life nursing care. Then during the six weeks after the workshop, in the intervention ward brochure, and posters on end-of-life care will be installed. A virtual training group will be established for the intervention group and will provide educational clips and key messages.

Category

Other

2

Description

In the control group, no educational intervention will be performed.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Kowsar Hospital

Full name of responsible person

Seyyed Taleb Rahmatian

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sanandaj University of Medical Sciences

Full name of responsible person

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Grant name

Master of Science dissertation

Grant code / Reference number

1397.060

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

Yes

Title of funding source

Sanandaj University of Medical Sciences

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

Sanandaj University of Medical Sciences

Full name of responsible person

Seyyed Taleb Rahmatian

Position

Nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

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

Study Protocol

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

Statistical Analysis Plan

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

Informed Consent Form

Undecided - It is not yet known if there will be 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 results of all participants in the study

When the data will become available and for how long

After publication

To whom data/document is available

Researchers

Under which criteria data/document could be used

None

From where data/document is obtainable

Email to the corresponding author

What processes are involved for a request to access data/document

After few days

Comments**Person responsible for updating data****Contact****Name of organization / entity**

Sanandaj University of Medical Sciences

Full name of responsible person

Seyyed Taleb Rahmatian

Position

Nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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