

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Study of The Effect of Education on the Nursing Perception and Clinical Competency about End-Of-Life Care for Patients with Cancer

Protocol summary

Study aim

Determine The Effect of Education on the Nursing Perception and Clinical Competency about End-Of-Life Care for Patients with Cancer, in the Hospitals Supervised by Kerman University of Medical Sciences in 2017

Design

The clinical trial with two arm parallel group: an intervention group consisting of all nurses in the oncology and internal wards and control group without blinding

Settings and conduct

The study is conducted in Kerman University of Medical Sciences hospitals and on nurses of oncology and internal wards. Training intervention is performed in 3 sessions of 30 to 45 minutes at intervals of 1 week. Then, the level of perceived and clinical competence of the samples is measured by completing the questionnaires before and after the training.

Participants/Inclusion and exclusion criteria

The statistical population in this study will be all nurses in oncology and internal wards dealing with an experience of patient care at the end-of-life stage Experience of patient care at the end-of-life stage An absence in training classes after pre-test for the intervention group

Intervention groups

Intervention group: At first, the level of understanding and clinical competence of the samples is measured by completing the questionnaires. Then the training program is executed. This program will be held by a researcher in 3 sessions of 30 to 45 minutes with a week interval. At the end of the training, the pamphlets will be given as a reminder of the materials. In the next step, in order to determine the effectiveness of the educational program and clinical competence, one and three months after training, the understanding and clinical competency of both groups will be measured through the same questionnaires.

Main outcome variables

Nurses' Understanding; Nurses' Clinical Competency

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20170116031972N5**

Registration date: **2018-04-13, 1397/01/24**

Registration timing: **prospective**

Last update: **2018-04-13, 1397/01/24**

Update count: **0**

Registration date

2018-04-13, 1397/01/24

Registrant information

Name

Mahlagha Dehghan Anari

Name of organization / entity

Kerman University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 34 3132 5201

Email address

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-05-05, 1397/02/15

Expected recruitment end date

2018-10-22, 1397/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
Study of The Effect of Education on the Nursing Perception and Clinical Competency about End-Of-Life Care for Patients with Cancer

Public title
Study of The Effect of Education on the Nursing Perception and Clinical Competency about End-Of-Life Care for Patients with Cancer, in the Hospitals Supervised by Kerman University of Medical Sciences in 2017

Purpose
Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
Experience of patient care at the end of life stage
Exclusion criteria:
An absence in training classes after pre-test for the intervention group

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **107**

Randomization (investigator's opinion)
N/A

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
Ethics committee of Kerman University of Medical Sciences
Street address
Ebnesina St.Jahad Blvd, Somaye Crossroad, Kerman
City
Kerman
Province

Kerman
Postal code
7815789957
Approval date
2018-04-08, 1397/01/19
Ethics committee reference number
IR.KMU.REC.1396.2393

Health conditions studied

1

Description of health condition studied

The subject of study is not a disease

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

The initial outcome could be an increase or decrease in nurses' clinical understanding score

Timepoint

The measurement of nurses' clinical understanding is done before and one and three months after the intervention

Method of measurement

Oncology nurses perception of end of life care questionnaire

2

Description

The initial outcome could be an increase or decrease in nurses' Self-Perceived End-of-Life Care Competencies score

Timepoint

The measurement of nurses' Self-Perceived End-of-Life Care Competencies is done before and one and three months after the intervention

Method of measurement

Self-Perceived End-of-Life Care Competencies questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: At first, the level of understanding and clinical competence of the samples is measured by completing the questionnaires. Then the training program is executed. This program will be held by a researcher in 3 sessions of 30 to 45 minutes with a week interval. At the end of the training, the pamphlets will be given as a reminder of the materials. In the next step, in

order to determine the effectiveness of the educational program and clinical competence, one and three months after training, the understanding and clinical competency of both groups will be measured through the same questionnaires.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

Abbas Etminan

Street address

Shafa Hospital, Kowsar Boulevard, Kerman, Iran

City

Kerman

Province

Kerman

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7618751151

Phone

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Email

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Web page address

<http://sh.kmu.ac.ir/Default2.aspx?Id=11049>

2

Recruitment center

Name of recruitment center

Shahid Bahonar Hospital

Full name of responsible person

Mahdi Ahmadinejad

Street address

Shahid Bahonar Hospital, Gharani Street, Kerman, Iran

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Web page address

<http://bh.kmu.ac.ir/Default5.aspx?Id=9064&t=2>

3

Recruitment center

Name of recruitment center

Afzalipoor Hospital

Full name of responsible person

Aliasghar Vahidi

Street address

Afzalipoor Hospital, Imam Khomeini Highway, Kerman, Iran

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Province

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Phone

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Web page address

<http://www.kmu.ac.ir/fa/ah>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kerman University of Medical Sciences

Full name of responsible person

Abbas Pardakhti

Street address

Kerman University of Medical Sciences, Medical University Campus, Haft-Bagh Highway, Kerman, Iran

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7815789957

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vcr@kmu.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kerman 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

Kerman University of Medical Sciences

Full name of responsible person

Khald Omidi

Position

Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Razi School of Nursing and Midwifery, Haft Baghe Alavi

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

Kerman University of Medical Sciences

Full name of responsible person

Parvin Mangolian Shahrabaki

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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

Kerman University of Medical Sciences

Full name of responsible person

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Position

Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Email

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

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

There is still no plan to develop a program for sharing the data. According to the above sampling data time, the study will be completed by that time.

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available