Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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
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Iran (Islamic Republic of)
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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 questionare

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 questionare

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
Postal code
7618751151
Phone
+98 34 3211 5780
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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Kerman
Postal code
7613747181
Phone
+98 34 3226 1602
Email
bahonarh@kmu.ac.ir
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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7616913911
Phone
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avahidi@kmu.ac.ir
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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+98 34 3226 3855
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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
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Razi School of Nursing and Midwifery, Haft Baghe Alavi
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Assistant Professor
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Person responsible for updating data

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Name of organization / entity
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Full name of responsible person
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Student
Latest degree
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Mr.khaldomidi@yahoo.com

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