

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Jul 2026

Effect of teaching of pain palliative care on the pain management in cancer patients

Protocol summary

Summary

Cancer patients experience of physical and psychological symptoms and distress that pain is one of the most important. Pain causing harmful negative effects on mood, functional status and quality of life. .One important component of cancer treatment is palliative care Palliative care is a set of measures aimed at improving the quality of life for patients and their families, to solve the problems of refractory and life-threatening diseases by preventing or eliminating the pain, with early detection, assessment and treatment of pain and full mental problems - is a psychological and physiological. One of the most common barriers to pain management, inadequate pain assessment and inadequate knowledge about pain management, one of the approaches to palliative care for cancer patients is education. The present study is a clinical trial to evaluate the effect of teaching of pain palliative care on the pain management in cancer patients. In this study, 98 cancer patients admitted to hospitals of Arak University of Medical Sciences are screened by the Brief Pain Inventory screened and selected on the type available and randomly will be divided into control and intervention groups. Teaching of palliative care will be for 20 minutes daily for 6 days. Brief Pain Inventory and pain experience scale in the first phase, then the third-Six weeks after the end of teaching sessions will be filled out in order to assess the impact of interventions.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201403122226N14**

Registration date: **2014-04-19, 1393/01/30**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-04-19, 1393/01/30

Registrant information

Name

Mansoorreh Aliasgharpour

Name of organization / entity

Nursing & midwifery faculty, Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6693 7120

Email address

aliasgha@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2014-04-04, 1393/01/15

Expected recruitment end date

2014-05-05, 1393/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of teaching of pain palliative care on the pain management in cancer patients

Public title

Effect of teaching of pain palliative care on the pain management in cancer patients

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: ranging in age from 18 to 65 years old; confirmed diagnosis of cancer; having 4 or higher pain using the Brief Pain Inventory; able to speak and understand the speech of others. Exclusion criteria: if the patient previously or concurrently enrolled in a teaching program in pain management or physical or psychological or psychiatric problems are severe; patients with invasive treatments for pain, such as subcutaneous or intravenous infusion of opioids they received; the patient's unwillingness to continue the study; failure to attend meetings and patient's death.

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: **98**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single 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 nursing&midwifery Tehran
University of Medical Sciences

Street address

nursing&midwifery facultyTehran University of
Medical Sciences- squar toohid -tehran-iran

City

tehran

Postal code

1419733171

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

93-01-28-25022

Health conditions studied

1

Description of health condition studied

Neopelasm

ICD-10 code

C00-D48

ICD-10 code description

Neopelasm

Primary outcomes

1

Description

Reducing pain and increasing patient knowledge after teaching

Timepoint

Before intervention, the end of the 3th week and 6th week

Method of measurement

Pain Experience Scale, Brief Pain Inventory

Secondary outcomes

empty

Intervention groups

1

Description

Control group: Brief Pain Inventory and pain experience scale in the first phase, then the third-Six weeks.

Category

Treatment - Other

2

Description

Intervention group: Teaching of palliative care will be for 20 minutes daily for 6 days. Brief Pain Inventory and pain experience scale in the first phase, then the third-Six weeks after the end of teaching sessions will be filled out in order to assess the impact of interventions

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Arak University of Medical Sciences

Full name of responsible person

fahimeh davodabady

Street address

motahari 1 st, ghaem magham st

City

arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Dr. Masoud Younesian

Street address

Tehran University of Medical Sciences , Ghods street,
Keshavarse bulvar, Tehran, Iran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tehran 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

Tehran University of Medical Sciences

Full name of responsible person

Fahimeh Davodabady

Position

MSc student of nursing

Other areas of specialty/work

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Nursing & Midwifery Faculty, Tehran University of
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fahimedavodabady@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mansoorah Aliasgarpour

Position

MSc

Other areas of specialty/work

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Person responsible for updating data

Contact

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Full name of responsible person

Mansoorah Aliasgarpour

Position

Faculty member

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+98 21 6105 4327

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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