Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Jun 2026

Effect of a designed pain management program education on pain and quality of life of cancer patient with moderate to severe pain in chemotherapy and radiotherapy units in Nemazee hospital _ Shiraz 1389

Protocol summary

Summary

The objective of this randomized control study was to investigate the effect of an educational pain management program on pain intensity and quality of life among Iranian cancer patients. In this study 60 patients (control group=30, experimental group=30) who diagnosed with cancer, treatment with chemo and radiotherapy, experiencing pain (4 & >4) related to cancer with doctor diagnosed. and Patients with pain related to treatment, participant in other educational pain management program were excluded this study. The data were collected by means of the Brief Pain Inventory and EORCT QLQ - C30 questionnaire. Patients in the experimental group received education that consists of 6 session educational pain management during 6 week. Patients in the control group received routine clinical care.the patients pain intensity assess in both groups at the first interview, 2, 4 and 8 weeks after intervention and quality of life assess before, 4 and 8 weeks after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201110012812N3**
Registration date: **2011-12-30, 1390/10/09**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-12-30, 1390/10/09

Registrant information

Name

Farkhondeh Sharif

Name of organization / entity

Shiraz University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciense

Expected recruitment start date

2010-09-23, 1389/07/01

Expected recruitment end date

2011-02-20, 1389/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of a designed pain management program education on pain and quality of life of cancer patient with moderate to severe pain in chemotherapy and radiotherapy units in Nemazee hospital _ Shiraz 1389

Public title

Impact of educational pain management program on pain intensity and quality of life in cancer patients

Purpose

Health service research

Inclusion/Exclusion criteria

inclusion criteria were patients:1) diagnosed with cancer,2) treatment with chemo and radiotherapy 3) experiencing pain (4 & >4) related to cancer with doctor

diagnosed 4) over the age of 18 years old 5)able to read and write persian. Patients with pain related to treatment with doctor diagnosed , participant in other educational pain management program and with a history of cognitive, psychatric disorder were excluded this study.

Age
From **18 years** old to **70 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **60**

Randomization (investigator's opinion)
Randomized

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
Shiraz University of Medical Sciense

Street address
next to the red crescent street of zand

City
shiraz

Postal code

Approval date
2010-09-23, 1389/07/01

Ethics committee reference number
791

Health conditions studied

1

Description of health condition studied
cancer

ICD-10 code
C00-C97

ICD-10 code description
Malignant neoplasms

Primary outcomes

1

Description
pain intensity

Timepoint
befor intervetion, 2, 4 , 8 weeks after intervetion

Method of measurement
breif pain inventory

2

Description
quality of life

Timepoint
befor intervetion, 4 , 8 weeks after intervetion

Method of measurement
EORCT QLQ - C30 qestionnaire

Secondary outcomes

1

Description
pain satisfaction

Timepoint
befor intervetion, 2, 4 , 8 weeks after intervetion

Method of measurement
breif pain inverntory

2

Description
interfrence with daily function

Timepoint
befor intervetion, 2, 4 , 8 weeks after intervetion

Method of measurement
breif pain inventory

Intervention groups

1

Description
control group: patients in this group received routine clinical care.they complete The BPI questionnaire at the first interview, 2, 4 and 8 weeks after intervention and EORCT QLQ - C30 questionnaire complete before, 4 and 8 weeks after intervention.the control group recived relaxation CD and booklet consist of pain cancer management after intervention.

Category
Behavior

2

Description
experimental group:patients in this group compelet BPI and EORCT questionnaires. then recived education that consists of 6 session educational pain management in 20-30 minute during 6 week to addition of relaxation CD

and booklet consist of pain cancer management. 2,4 and 8 weeks after interventin, their compelet questionnaires.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Oncology Unit in Nemazee Hospital _ Shiraz

Full name of responsible person

Hamideh Ansari Master of Sciense in Nursing

Street address

Shiraz _ Nemazee Hospital

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciense

Full name of responsible person

Dr.Farkhondeh Sharif

Street address

Fatemeh Excellency Faculty of Nursing and Midwifery

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shiraz University of Medical Sciense

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

Shiraz University of Medical Sciense

Full name of responsible person

Dr. Farkhondeh Sharif

Position

PhD of Psychiatry Nursing

Other areas of specialty/work

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Web page address

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Person responsible for updating data

Contact

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