

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jun 2026

The effect of peer based education on self-care based on management of side effects of chemotherapy in patients with cancer

Protocol summary

self-care based on management of chemotherapy side effects

Study aim

Determination of the effect of peer based education on self care based on management of side effects of chemotherapy in patients with cancer

Design

A final sample of 80 patients with cancer was selected by available method and randomly in two intervention and control group.

Settings and conduct

Empirical study is done at Imam Khomeini Hospital and Omid Urmia Hospital. Cancer patients who undergo chemotherapy for the first time and who do not have previous cancer or chemotherapy based on medical records will be randomly assigned to two intervention and control groups. Then the intervention group will attend two meetings in the peer education program. To determine self-care based on the management of complications of chemotherapy, self-care diaries questionnaire (to measure the number and effect of self-care behaviors) will be used and the data will be analyzed after collection.

Participants/Inclusion and exclusion criteria

inclusion criteria: 1. Persons aged 65-18 2. Having a type of cancer that requires chemotherapy for the first time (based on documentation of the case and and diagnosis of oncology specialist) 3. Ability to communicate with others. 4. willingness and informed consent to participate in the study. 5. Be alert to time and place and person. 6. Have at least the ability to read and write 7. Not having acute mental illness (based on documentation of the case and psychiatrist's opinion) Exclusion criteria: 1) Recent company in similar educational and research sessions 2) Lack of cooperation for participation in research 3) There is a family relationship or familiarity between people

Intervention groups

the peer intervention group is trained on how to manage the side effects of chemotherapy.

Main outcome variables

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20161116030926N2**

Registration date: **2018-11-07, 1397/08/16**

Registration timing: **registered_while_recruiting**

Last update: **2018-11-07, 1397/08/16**

Update count: **0**

Registration date

2018-11-07, 1397/08/16

Registrant information

Name

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 3275 4961

Email address

alilu@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-08-01, 1397/05/10

Expected recruitment end date

2019-03-01, 1397/12/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of peer based education on self-care based on management of side effects of chemotherapy in patients with cancer

Public title

The effect of education on management of side effects of chemotherapy in patients with cancer: Clinical trials

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Persons aged 65-18 Having a type of cancer that requires chemotherapy for the first time (based on documentation of the case and and diagnosis of oncology specialist) Ability to communicate with others willingness and informed consent to participate in the study Be alert to time and place and person Have at least the ability to read and write (to study the pamphlet and fill in the self-care diary questionnaire) Not having acute mental illness (based on documentation of the case and psychiatrist's opinion)

Exclusion criteria:

Recent attendance at similar educational and research sessions not cooperate to participate in the research There is a family relationship or familiarity between people (if only one person is included in the study)

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: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Block Randomization

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Urmia university of Medical Science

Street address

Resalat Street, Mission of Emergency Alley, university of medical science, Urmia Town

City

urmia

Province

West Azarbaijan

Postal code

588185676

Approval date

2018-07-29, 1397/05/07

Ethics committee reference number

IR.UMSU.REC.1397.118

Health conditions studied

1

Description of health condition studied

Cancer patients who first came to chemotherapy

ICD-10 code

48.97

ICD-10 code description

Malignant neoplasms

Primary outcomes

1

Description

self-care based on management of chemotherapy side effects

Timepoint

One month after the start of chemotherapy

Method of measurement

Self care diary questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Received training by peers

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini Hospital and Omid Urumieh Hospital

Full name of responsible person

لیلا حیدرزاده

Street address

Ershad Street-Ayatollah Madras Avenue- urmia-West
Azarbaijan

City

urmia

Province

West Azarbaijan

Postal code

588185686

Phone

+98 44 3523 1328

Fax

+98 44 3346 9939

Email

alilu@umsu.ac.ir

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Oroumia University of Medical Sciences

Full name of responsible person

ایرج محبی

Street address

Emergency Alley - Resalat Street

City

urmia

Province

West Azarbaijan

Postal code

588185676

Phone

+98 44 3523 1328

Email

alilu@umsu.ac.ir

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Oroumia 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**

Oroumia University of Medical Sciences

Full name of responsible person

لیلا حیدرزاده

Position

nurse

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

faculty of nursing and midwifery Nazlo,11 th sero
Road

City

urmia

Province

West Azarbaijan

Postal code

588185676

Phone

+98 44 3523 1328

Email

alilu@umsu.ac.ir

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

Oroumia University of Medical Sciences

Full name of responsible person

leyla alilu

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

faculty of nursing and midwifery Nazlo,11 th sero
Road

City

urmia

Province

West Azarbaijan

Postal code

588185676

Phone

+98 44 3523 1328

Email

alilu@umsu.ac.ir

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

Oroumia University of Medical Sciences

Full name of responsible person

Leila Heydarzadeh

Position

nurse

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

faculty of nursing and midwifery Nazlo,11 th sero
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City

urmia

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588185676

Phone

+98 44 3523 1328

Email

alilu@umsu.ac.ir

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

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

Analytic Code

Not applicable

Data Dictionary

Not applicable