

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 May 2026

The Effects of Education Based on Planned Behavioral Model on Perceived Self-efficacy and Social Support on Hematologic Malignancy Patients After Hematopoietic Stem Cell Transplantation

Protocol summary

Study aim

The Effect of Education Based on the Planned Behavioral Model on Self-efficacy and Perceived Social Support of Cancer Patients with Hematopoietic Stem Cell Transplant Referred to Motahari Clinic in Shiraz, 1397

Design

In this research, 66 cancer patients are selected after hematopoietic stem cell transplantation with inclusion criteria. Participants are randomly divided into intervention and control groups and each participant is assigned a code.

Settings and conduct

This is a one-blind clinical trial that will be carried out At Motahari clinic in Shiraz ,In this way, for the intervention group, 2 face-to-face and individual face-to-face training sessions will be held and will not be conducted for the intervention group.

Participants/Inclusion and exclusion criteria

The conditions for entering this study are over 18 years of age, Iranian nationality, and the ability to speak Persian or read Persian and understand it. Is not part of the health team personnel, they have not completed the program and classroom on post-transplantation hematopoietic stem cell transplantation, and the conditions of non-attendance of the participant are not auditory, visual or speech problems, have no known mental disorders, complete questionnaires They are not completed and they are not suffering from any other chronic illness, except for cancer.

Intervention groups

For the intervention group, 2 face-to-face and individual face-to-face training sessions will be held. There will be no interventional intervention for the intervention group.

Main outcome variables

Health knoweledge

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180806040715N1**

Registration date: **2018-11-03, 1397/08/12**

Registration timing: **registered_while_recruiting**

Last update: **2018-11-03, 1397/08/12**

Update count: **0**

Registration date

2018-11-03, 1397/08/12

Registrant information

Name

zahra keshtkaran

Name of organization / entity

Shiraz university of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 5233 7546

Email address

zkeshtkar@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-11-01, 1397/08/10

Expected recruitment end date

2019-02-19, 1397/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effects of Education Based on Planned Behavioral Model on Perceived Self-efficacy and Social Support on Hematologic Malignancy Patients After Hematopoietic Stem Cell Transplantation

Public title

The Effects of Education Based on Planned Behavioral Model on Hematologic Malignancy Patients After Hematopoietic stem cell transplant

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Age over 18 years Iranian nationality Be able to speak Persian and read Persian and understand it Not a member of the health team staff The program and the training course for post-bone marrow transplantation have not been completed

Exclusion criteria:

Have hearing, visual or verbal problems Have known psychiatric disorders Absolutely incomplete questionnaires will be deleted Have other chronic conditions other than cancer

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Data analyser

Sample size

Target sample size: **66**

Randomization (investigator's opinion)

Randomized

Randomization description

The method of assigning samples to the test and control groups is based on the randomized block method using a randomized table, which is a group with the letter A and the other group with the letters B (in this study, group A Control and intervention group B). In this way, our blocks are two-dimensional and we consider the different patches of these two letters, which include AB and BA. We assign one to the crash of 1 and the other to 2, and each time a random number is selected, and the corresponding pattern of that number determines the order of placing individuals in the groups.

Blinding (investigator's opinion)

Single blinded

Blinding description

Since the questionnaire is given to all participants, no one is aware of being in the control and intervention group. An individual analyzing information is also unaware of who controls and intervenes.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Shiraz University of Medical Sciences

Street address

Zand Blvd, Central Building of Shiraz University of Medical Sciences, Shiraz University

City

Shiraz

Province

Fars

Postal code

71348-14336

Approval date

2018-12-28, 1397/10/07

Ethics committee reference number

IR.SUMS.REC.1397.602

Health conditions studied

1

Description of health condition studied

Evaluating the effectiveness of education based on planned behavior model on cancer patients

ICD-10 code

Z55

ICD-10 code description

Problems related to education and literacy

Primary outcomes

1

Description

Self-efficacy and perceived social support and health knowledge

Timepoint

Before intervention ,immediately after intervention, one month after the intervention

Method of measurement

questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

In the intervention group: the implementation of 2 sessions of the face-to-face and individual face-to-face class

Category

Other

2

Description

In the control group there is no intervention and at the end of the work the materials will be provided as a booklet.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Motahari clinic

Full name of responsible person

mahboobeh kazempour

Street address

Namazi square, Nursing and midwifery, Shiraz, Iran

City

Shiraz

Province

Fars

Postal code

71936-13119

Phone

+98 71 3647 4258

Email

mahboobk60@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

seyed basir hashemi

Street address

Zand Blvd, Central building of Shiraz University of Medical Sciences, Shiraz, Iran

City

Shiraz

Province

Fars

Postal code

71345-1978

Phone

+98 71 3235 7282

Fax

+98 71 3230 7594

Email

Vcrdep@sums.ac.ir

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 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

Shiraz University of Medical Sciences

Full name of responsible person

mahboobeh kazempour

Position

Bachelore

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Namazi Square, Nursing and Midwifery school, Shiraz, Iran

City

Shiraz

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Fars

Postal code

71936-13119

Phone

+98 71 3647 4258

Email

mahboobk60@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Zahra keshtkaran

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Namazah Square, Nursing and Midwifery school,
Shiraz, Iran

City

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Postal code

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Phone

+98 71 3647 4258

Email

zkeshtkar@sums.ac.ir

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

Shiraz University of Medical Sciences

Full name of responsible person

mahboobeh kazempour

Position

Bachelor of science

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Namazah Square, Nursing and Midwifery school,
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City

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Province

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Phone

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Email

mahboobk60@gmail.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

Due to the confidentiality of the data

Study Protocol

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

Statistical Analysis Plan

Yes - There is 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

Yes - There is 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

Title and more details about the data/document

Publish in various domestic and foreign publications and present at valid seminars

When the data will become available and for how long

Start the access period 6 months after printing the results

To whom data/document is available

research team members

Under which criteria data/document could be used

As statistical information in research such as meta-analysis, which requires these data.

From where data/document is obtainable

mahboobeh kazempour

What processes are involved for a request to access data/document

Send an email to the public responsible

Comments