

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

The Effect of planned Walking on Fatigue-Related Experiences in adult patients with Acute Leukemia Undergoing Chemotherapy .

Protocol summary

Summary

The aim of this study was to determine the Effect of planned Walking on Fatigue-Related Experiences in adult patients with Acute Leukemia Undergoing Chemotherapy in this study 46 patient selected; inclusion criteria: adult patients with acute leukemia who are aware of their disease; Acute leukemia patients who have received at least two chemotherapy sessions; Age range (60-18) years and Exclusion criteria: patient's inability to participate in two sessions walking ; patient died; Not wanting to continue working. Data collection was done by using demographic tool and brief fatigue inventory. Fatigue questionnaire was completed by the patients before the study; The intervention was 4-step walk planned (warm-up, walking fast, cool, rest and relaxation) to patients for 10 days in evenings and proper atmospheric conditions and Patients completed questionnaire at the end of the fifth day and the tenth day of intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017041932788N2**

Registration date: **2017-06-06, 1396/03/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-06-06, 1396/03/16

Registrant information

Name

Fateme Gheyasi

Name of organization / entity

Ahvaz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

gheyasi.f@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Price intended for Student Research Committee

Expected recruitment start date

2017-01-20, 1395/11/01

Expected recruitment end date

2017-05-22, 1396/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of planned Walking on Fatigue-Related Experiences in adult patients with Acute Leukemia Undergoing Chemotherapy .

Public title

The effect of walking on fatigue in leukemia patients

Purpose

Treatment

Inclusion/Exclusion criteria

(Inclusion criteria: adult patients with acute leukemia who are aware of their disease; Acute leukemia patients who have received at least two chemotherapy sessions; Age range (60-18) years; Patient do not have history of heart disease, diabetes mellitus, hypertension; before walking have normal vital signs Exclusion criteria: patient's inability to participate in two sessions walking; any unusual changes in vital signs, including pulse, blood pressure and breathing during walking; patient died; Not

wanting to continue working)

Age

From **18 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **46**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of ahvaz University of Medical Sciences

Street address

Jondi Shapour University of Medical Sciences, Golestan Blvd., Ahvaz, Khuzestan

City

Ahvaz

Postal code

61357-15794

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

IR.AJUMS.REC.1395.663

Health conditions studied

1

Description of health condition studied

Acute myeloblastic leukemia

ICD-10 code

C92.0

ICD-10 code description

Refractory anaemia with excess blasts in transformation

Primary outcomes

1

Description

fatigue

Timepoint

Before the intervention, the end of fifth day of , the end of the tenth day after the intervention.

Method of measurement

brief fatigue inventory questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

The intervention group: 10 day walking planned

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

fateme gheyasi Nursing student

Street address

Shafa Hospital, Golestan Blvd., Ahvaz.khuzestan

City

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Ahvaz University of Medical Sciences

Full name of responsible person

Bhzad Sharif Makhmalzade

Street address

The ground floor VP Research Development of Medical Sciences, Golestan Blvd., Ahvaz

City

ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research of Ahvaz 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**

Ahvaz University of Medical Sciences

Full name of responsible person

Fateme Gheyasi

Position

Nursing student

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Ahvaz

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*