

# 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

+98 933 093 4787

##### 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

Ahvaz

## 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

**Other areas of specialty/work****Street address**

University of Medical Sciences, Golestan Blvd., Ahvaz

**City**

Ahvaz

**Postal code**

61357-15794

**Phone**

+98 613332368

**Fax****Email**

gheyasi.f@ajums.ac.ir

**Web page address****Postal code****Phone**

+98 613332368

**Fax****Email**

Baraz.s@ajums.ac.ir shahrambaraz@yahoo.com

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

University of Medical Sciences

**Full name of responsible person**

Fateme Gheyasi

**Position**

Master student of nursing

**Other areas of specialty/work****Street address**

ground floor, Department of Development Research and Technological University of Medical Sciences Jondishapour University, ahvaz city

**City**

Ahvaz

**Postal code**

61357-15794

**Phone**

+98 613332368

**Fax****Email**

fateme.gheyasi@yahoo.com gheyasi.f@ajums.ac.ir

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

Ahvaz University of Medical Sciences

**Full name of responsible person**

Shahram Baraz

**Position**

PhD of Nursing

**Other areas of specialty/work****Street address**

nursing school of University of Medical Sciences ,Ahvaz,

**City**

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*