

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jul 2026

The effect of mobile-based Education on nausea, vomiting and anxiety in patients undergoing chemotherapy

Protocol summary

Summary

The main objective of the study is to determine the effect of education using cell phone software on nausea, vomiting and anxiety in patients undergoing chemotherapy. Patients will be allocated into two intervention and control group through block randomization method. Each group will include 25 people. Inclusion criteria: the patient has received at least one course of chemotherapy; Patients have cisplatin or cyclophosphamide in the chemotherapy drug list; having a smart phone with the capability of software installation. Exclusion criteria: using other methods like alternative medicine or herbal remedy to control nausea, vomiting and anxiety; Any other condition that leads to nausea and vomiting in patients such as intestinal obstruction. Interventions: Intervention group: educational content will be provided to the patients through an educational cellphone software in addition to routine hospital ward education during one month. Control group: patients will receive routine hospital ward education during one month. The primary outcome variables include nausea, vomiting and anxiety.

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2016100430128N1**

Registration date: **2017-05-05, 1396/02/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-05-05, 1396/02/15

Registrant information

Name

Seyedeh Zeynab Alboghobeysh

Name of organization / entity

Ahvaz Jundishapour University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 613332368

Email address

alboghobeysh.z@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor For Research, Ahvaz Jundishapour University of Medical Sciences

Expected recruitment start date

2016-10-22, 1395/08/01

Expected recruitment end date

2016-11-20, 1395/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of mobile-based Education on nausea, vomiting and anxiety in patients undergoing chemotherapy

Public title

The impact of mobile-based education on side effects of chemotherapy

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: the patients have received at least one course of chemotherapy; Patients have cisplatin or cyclophosphamide in the chemotherapy drug list; having

a smart phone with the capability of software installation.
Exclusion criteria: using other methods like alternative medicine or herbal remedy to control nausea, vomiting and anxiety; any other condition that leads to nausea and vomiting in patients such as intestinal obstruction.

Age

From **20 years** old to **80 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **50**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Random allocation has been done through block randomization method.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee Of Ahvaz University Of Medical Sciences

Street address

Ahvaz Jundishapour University of Medical Sciences, Golestan Blvd., University City, Ahvaz

City

Ahvaz

Postal code

61357-15794

Approval date

2016-07-09, 1395/04/19

Ethics committee reference number

IR.AJUMS.REC.1395.218

Health conditions studied

1

Description of health condition studied

cancer

ICD-10 code

C80.9

ICD-10 code description

Malignant neoplasm, unspecified

Primary outcomes

1

Description

Vomiting

Timepoint

Before and one month after intervention

Method of measurement

East oncology scale

2

Description

Nausea

Timepoint

Before and one month after intervention

Method of measurement

Visul analogue scale (VAS)

3

Description

Anxiety

Timepoint

Before and one month after intervention

Method of measurement

state-trait anxiety inventory

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Intervention group: cellphone-based training. Teaching methods: providing patients with an educational cellphone software. Intervention period: a month

Category

Other

2

Description

Control group: providing patients with routin hospital ward education. Intervention period: a month

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

Seyedeh Zeynab Alboghobeysh

Street address

Shafa Hospital, Ahvaz Jundishapour University of Medical Sciences, Golestan Blvd., Ahvaz

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor For Research Of Ahvaz Jundishapour University of Medical Sciences

Full name of responsible person

Bhzad Sharif Makhmalzadeh

Street address

Ground floor, Vice Chancellor for Research and Technological Development Ahvaz Jundishapour University of Medical Sciences, University City, Ahvaz, Khuzestan

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 Jundishapour 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 Jundishapour University of Medical Sciences

Full name of responsible person

Seyedeh Zeynab Alboghobeysh

Position

Masters student

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

Ahvaz Jundishapour University of Medical Sciences, Golestan Blvd., University City, Ahvaz, Khuzestan

City

Ahvaz

Postal code

61357-15794

Phone

+98 613332368

Fax

+98 33 61544

Email

Alboghobeysh.z@ajums.ac.ir

Web page address

<http://www.ajums.ac.ir/>

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Ahvaz Jundishapour University of Medical Sciences

Full name of responsible person

Marziyeh Asadzaker

Position

Senior student-Surgical Nursing

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

Ahvaz Jundishapour University of Medical Sciences, Golestan Blvd., University City, Ahvaz

City

Ahvaz

Postal code

61357-15794

Phone

+98 613332368

Fax

+98 33 61544

Email

marziyehasadizaker@gmail.com

Web page address

<http://www.ajums.ac.ir/>

Person responsible for updating data

Contact**Name of organization / entity**

Ahvaz Jundishapour University of Medical Sciences

Full name of responsible person

Seyedeh Zeynab Alboghobeysh

Position

Master student

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Alboghobeysh.z@ajums.ac.ir

Web page address

www.ajums.ac.ir

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