

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jul 2026

Comparison the Effect of Infograph and Video on Medication Adherence among Asthmatic Patients

Protocol summary

Summary

This is a single blind clinical trial that will be performed on 76 asthmatic patient referring to teaching university hospitals of Arak, with the aim of comparing the effect of infograph and video on medication adherence among asthmatic patients. Patients will be enrolled in the study by available (convenience) sampling and divided into two groups by random allocation. Education in first group will be done by infograph and in second group by video. Educational method in both groups will be done by the same way. To collecting data (baseline, 2 week and 1 month later), questionnaire will be used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017040433223N1**

Registration date: **2017-05-17, 1396/02/27**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-05-17, 1396/02/27

Registrant information

Name

Ahmadreza Abedi

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 3417 3524

Email address

abedi.a@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

vice chancellor for research of Arak University of Medical Sciences

Expected recruitment start date

2017-04-21, 1396/02/01

Expected recruitment end date

2017-11-22, 1396/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the Effect of Infograph and Video on Medication Adherence among Asthmatic Patients

Public title

Comparison the Effect of Infograph and Video on Medication Adherence among Asthmatic Patients

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: patients with asthma disease; 20- 65 years old; the ability to read and write; lack of visual and hearing problems; the patient's ability to speak in Persian language. Exclusion criteria: home displacement and Inaccessibility to them; past involvement to training sessions; other training sessions attended by patient during the study; the presence of at least one of the training sessions.

Age

From **20 years** old to **64 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 76

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Randomization is block .

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Arak University of Medical Sciences

Street address

Arak University of Medical Sciences, Alamoll Huda Street, Railroad Street

City

Arak

Postal code

3848176941

Approval date

2017-02-26, 1395/12/08

Ethics committee reference number

IR.ARAKMU.REC.1395.433

Health conditions studied

1

Description of health condition studied

Asthma

ICD-10 code

J46

ICD-10 code description

acute severe asthma

Primary outcomes

1

Description

Medication adherence

Timepoint

baseline, 2 week and 1month later

Method of measurement

Moriskey medication adherence questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

First group: Two meetings, the second and third days of hospitalization, the infograph will be trained for 20 minutes.

Category

Behavior

2

Description

Second group: Two meetings, the second and third days of hospitalization, the film will be trained for 20 minutes.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Amir- al- momenin hospital

Full name of responsible person

Dr. Rafie, vice chancellor for research of Arak University of Medical Sciences

Street address

Amir- al- momenin hospital, sardasht region

City

Arak

2

Recruitment center

Name of recruitment center

Vali-e-asr hospital

Full name of responsible person

Dr. Rafie, vice chancellor for research of Arak University of Medical Sciences

Street address

Vali-e-asr hospital, valiasr sq, pirouzi st

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Arak University of Medical Sciences

Full name of responsible person

Dr Rafie, 08634173639

Street address

Vice Chancellor for research, University complex of
great prophit, sardasht region

City

Arak

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 Arak 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

Arak University of Medical Science

Full name of responsible person

Maryam EbrahimAbadi

Position

MSc Student of Nursing Education in Medical Surgical
Field

Other areas of specialty/work

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**Person responsible for scientific
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Contact

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Position

PhD of Nursing Education

Other areas of specialty/work

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Position

PhD of Nursing Education

Other areas of specialty/work

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Web page address

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