

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 May 2026

The effect of educating by visual concept mapping method on the quality of life of asthmatic children

Protocol summary

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Summary

Introduction: One of the most important goals in treating chronic disease, especially Asthma, is the promotion of quality of life. The objective of conducting the present study was the identifying the effect of the training method on the quality of life of asthmatic children.
Method: In this clinical trial study, we recruited 80 asthmatic children aged 6-12 years who use inhaling medications; the patients were divided into two groups of control (face-to-face) and experimental (concept mapping) and accordingly they went through educating. The quality of Life of both groups was measured before and after training by the Juniper pediatric asthma Quality of Life Questionnaire with a one-month interval.

Recruitment status

Recruitment complete

Funding source

govermental

Expected recruitment start date

2009-05-22, 1388/03/01

Expected recruitment end date

2009-10-22, 1388/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201201088650N1**

Registration date: **2012-03-15, 1390/12/25**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-03-15, 1390/12/25

Registrant information

Name

Abbas Ebadi

Name of organization / entity

Baqiyatallah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 2228 6057

Email address

Scientific title

The effect of educating by visual concept mapping method on the quality of life of asthmatic children

Public title

The effect of education on quality of life in asthmatic children

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: To have an age of 6-12 years; definite diagnosis of asthma; use of inhaling medications and finally getting the score of lower than 5 out of the checklist for verifying the manner of using spray; To have regular visits to the asthma clinic. **Exclusion criteria:** Unwillingness to continue participation in the study; to do not obey of scheduled time for visit.

Age

From **6 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 80

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Baghiatalla Medical University of Sciences

Street address

Nursing faculty, Velayat Complex, Araj, Aghdasiye

City

Tehran

Postal code

Approval date

2008-09-24, 1387/07/03

Ethics committee reference number

18

Health conditions studied

1

Description of health condition studied

Asthma

ICD-10 code

J45

ICD-10 code description

Asthma

Primary outcomes

1

Description

Quality of life

Timepoint

Before study- 1month after study

Method of measurement

Pediatric Asthma Quality of Life Questionnaire

Secondary outcomes

1

Description

Learning

Timepoint

Before study and 1 month after study

Method of measurement

Checklist

Intervention groups

1

Description

Experimental group: training by use of the visual concept mapping

Category

Other

2

Description

Control group: educating asthmatic children with face to face method

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Asthma clinic of Children Medical Center Hospital

Full name of responsible person

Street address

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research deputy of Nursing Faculty of Baghiatalla university of medical sciences

Full name of responsible person

Soheil Najafi Mehri

Street address

Nursing faculty, Velayat Complex, Araj, Aghdasiye

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research deputy of Nursing Faculty of Baghiatalla 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

Baghiatalla University of Medical Sciences

Full name of responsible person

Parisa Bozorgzad

Position

MS in nursing

Other areas of specialty/work

Street address

4th Floor, Nursing Faculty, Baqiyatallah University of Medical Sciences, P.O.Box: 19575-174

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Tehran

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Baqiyatallah University of Medical Sciences

Full name of responsible person

Dr Abbas Ebadi

Position

Nursing PhD

Other areas of specialty/work

Street address

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Web page address

Person responsible for updating data

Contact

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