Clinical Trial Protocol
Iranian Registry of Clinical Trials

13 Nov 2026

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

Protocol summary

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.

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)

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+98 21 2228 6057

Email address

ebadi1347@bmsu.ac.ir

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

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 Siences
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 stady- 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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P.bozorgzad@yahoo.com

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

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

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ebadi1347@bmsu.ac.ir

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