Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

investigation the effect of parental education on happening of medication errorsin children aged 1-5 years, reffering to selected shiraz clinics in 2016

Protocol summary

Summary

Objective: to investigation the effect of parental education on happening of medication errors in children aged 1-5 years, reffering to selected shiraz clinics in 2016.Design: A randomized controlled trial will be conducted. Setting and conduct: Three clinics will be selected by two-stage cluster sampling , Then 120 parents attending to one of the three clinics will be selected at random assignment .parents After completing the pre-test medication errors, with Random block will be divided into intervention and control groups then Educational content will be available to intervention group. Four days after receiving the content, the two groups will complete their post-test medication errors and educational booklet will be given them . Inclusion criteria: Parents of children aged one to five years; informed consent and willingness to participate in the study; presence of father or mother or both parents in training session. Exclusion criteria: Ill child and his transfer to the hospital for admission; Non-prescribed medicines by doctor for children; Subjects not participating in the training session. interventions: PowerPoint training by lecture. main outcome measures: Changes in happening of medication errors and prevent the occurrence of medication errors in children 1 to 5 years old parents

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2016091229291N1**
Registration date: **2016-09-12, 1395/06/22**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-09-12, 1395/06/22

Registrant information

Name

Zahra Mohammadi

Name of organization / entity

Shiraz University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 71 3230 5410

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mohamadyza@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research of Shiraz University of Medical Science

Expected recruitment start date

2016-09-20, 1395/06/30

Expected recruitment end date

2017-01-19, 1395/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

investigation the effect of parental education on happening of medication errorsin children aged 1-5 years, reffering to selected shiraz clinics in 2016

Public title

the effect of parental education on happening of

medication errors

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: presence of father or mother or both parents in training session; informed consent and willingness to participate in the study; Parents of children aged one to five years. Exclusion criteria: Ill child and his transfer to the hospital for admission; Subjects not participating in the training session; Non-prescribed medicines by doctor for children .

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Three clinics will be selected by two-stage cluster sampling , Then 120 parents attending to one of the three clinics will be selected at random assignment .parents After completing the pre-test medication errors, with Random block will be divided into intervention and control groups

Secondary Ids

1

Registry name

-

Secondary trial Id

-

Registration date

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Shiraz University of Medical Science

Street address

Central Building of Shiraz University of Medical Sciences, Zand Street

City

Shiraz

Postal code

71348-14336

Approval date

2016-06-26, 1395/04/06

Ethics committee reference number

IR.SUMS.REC.1395.56

Health conditions studied

1

Description of health condition studied

Medication Errors

ICD-10 code

-

ICD-10 code description

-

Primary outcomes

1

Description

Medication errors

Timepoint

before intervention and 4days after intervention

Method of measurement

Medication errors questionnaire

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Control group: No intervention is needed

Category

Treatment - Drugs

2

Description

Intervention group :Holding training sessions for 40 minute About the types of medication errors, various forms of medication, how to use various forms of drugs, Respect the important principles while taking the drugs and Storage of medicines Before seeing the child by doctor and holding training sessions of 15 minutes after the child visit

Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Fatemeh Zahra Clinic
Full name of responsible person
Dr Reza Mohammadi,General Practitioner
Street address
Hemmat jonoobi Blvd
City
Shiraz

2

Recruitment center
Name of recruitment center
Boarding Clinic Eghbal
Full name of responsible person
Somaye Ebrahimi, Public Health Expert
Street address
Pasargad Square, Pasargad Boulevard
City
Shiraz

3

Recruitment center
Name of recruitment center
Shahid Meftahi
Full name of responsible person
Dr Zahra Rezaianzadeh,General Practitioner
Street address
Shahid Fakoori Street, five army units Street, Rahmat Blvd,
City
Shiraz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice Chancellor for Research of Shiraz University of Medical Science
Full name of responsible person
Dr Seyed Basir Hashemi
Street address
Vice chancellor for research, seventh floor, Shiraz University of Medical Sciences, next to the Red Crescent headquarters, Zand Ave
City
Shiraz
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 Shiraz University of Medical Science
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
Shiraz University of Medical Science, Shiraz Hazrate Fatemeh Nursing and Midwifery college
Full name of responsible person
Zohreh Montaseri
Position
Master of Pediatric Nursing, Nursing Trainer
Other areas of specialty/work
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Master of Pediatric Nursing, Nursing Trainer
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Person responsible for updating data

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Zahra Mohammadi

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Children's Nursing Graduate Student

Other areas of specialty/work

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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