

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Investigating the effect of educational intervention on awareness and skills of accident prevention and first aid at home for grandparents taking care of children under 5 years old in Shiraz city.

Protocol summary

Study aim

Increasing the level of parental ability to prevent children's domestic accidents, as well as increasing the safety of children (grandchildren) under 5 years of age in domestic accidents and reducing their deaths, and finally increasing the level of awareness in the field of first aid when domestic accidents occur among parents Caring for a child (grandchild) under 5 years old.

Design

Grandparents eligible to enter the study, according to their registered information in the integrated system Farzanegan Daily Caring Foundation, 76 people are selected and divided into two intervention and control groups of 38 people using a table of random numbers in Excel software. We invite the intervention group and train them, and after the end of the training sessions, we measure their level of knowledge and skills.

Settings and conduct

FDCF (Farzanegan Daily Caring Foundation)

Participants/Inclusion and exclusion criteria

Inclusion criteria Willingness and informed consent to participate in the study Being literate in reading and writing Caring for grandchildren under 5 years old Caring for grandchildren in the absence of parents Exit criteria Failure to answer questionnaire questions Having an illness affecting the care of the child Unwillingness to continue cooperation Failure to answer post-test questions Not keeping the grandchild during the study

Intervention groups

Intervention group and control group. We divide the grandparents into two intervention and control groups. We invite the intervention group for a training class and train them. The control group does not receive training.

Main outcome variables

Preventing accidents at home for children, increasing the knowledge of first aid for grandparents

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180514039648N6**

Registration date: **2023-06-15, 1402/03/25**

Registration timing: **retrospective**

Last update: **2023-06-15, 1402/03/25**

Update count: **0**

Registration date

2023-06-15, 1402/03/25

Registrant information

Name

Abdolrahim Asadollahi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 3725 1001

Email address

a_asadollahi@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-04-10, 1402/01/21

Expected recruitment end date

2023-06-11, 1402/03/21

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of educational intervention on awareness and skills of accident prevention and first aid at home for grandparents taking care of children under 5 years old in Shiraz city.

Public title

Skills of accident prevention at home for grandparents taking care of children

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

Willingness and informed consent to participate in the study Being literate in reading and writing Caring for grandchildren under 5 years old Caring for grandchildren in the absence of parents

Exclusion criteria:

Failure to answer questionnaire questions Having an illness affecting the care of the child Unwillingness to continue cooperation Failure to answer post-test questions Not keeping the grandchild during the study

Age

From **50 years** old to **75 years** old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **76**

Randomization (investigator's opinion)

Randomized

Randomization description

The names of 86 older people who are caring their grandchildren at least 1 hour per week; will received from the FDCF system; Then, according to the inclusion and exclusion criteria in the random numbers table in Excel software, randomization is done by defining 2 codes of A & B (for two groups: intervention and control). Every grandparent has equal proportion to being in each group. The FDCF is Farzanegan Daily Caring Foundation which serve about 2500 older people in Shiraz city, south IRAN.

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shiraz university of medical sciences

Street address

BLV-Razi

City

shiraz

Province

Fars

Postal code

7153675541

Approval date

2023-04-08, 1402/01/19

Ethics committee reference number

IR.SUMS.SCHEANUT.REC.1402.009

Health conditions studied

1

Description of health condition studied

Prevention of domestic accidents for children under 5 years old - first aid

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Prevention of domestic accidents in children under 5 years old

Timepoint

2 months

Method of measurement

Questionnaire

2

Description

First Aid Knowledge among Grand-Parents

Timepoint

2 Months

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: ذخیره کردن ترجمه Intervention group: In this group, 38 eligible grandparents are invited to participate in home accident prevention and first aid training classes. The training classes include training

with mollage by an emergency expert, presentation of PowerPoint and pamphlets.

Category

Prevention

2**Description**

Control group: 38 of the parents eligible to enter the study form this group. According to ethical considerations, after the end of the intervention, the training given to the experimental group will also be given to the control group. Also, the pamphlets distributed in the training sessions will be provided to them.

Category

Prevention

Recruitment centers**1****Recruitment center****Name of recruitment center**

FDCF of Shiraz

Full name of responsible person

Dr.Abdolrahim Asadollahi

Street address

BLV-Razi

City

Shiraz

Province

Fars

Postal code

7153675541

Phone

+98 912 249 8890

Email

a_asadollahi@sums.ac.ir

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

Dr.Mohammad Hashem Hashempur

Street address

neshat St

City

shiraz

Province

Fars

Postal code

۳۲۱۲۲۴۳

Phone

+98 71 3234 7966

Email

hashempurm@sums.ac.ir

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Shiraz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries**Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

atefeh rahim

Position

master student

Latest degree

Bachelor

Other areas of specialty/work

Geriatrics

Street address

BLV-Razi

City

shiraz

Province

Fars

Postal code

7153675541

Phone

+98 71 3725 1001

Email

atefehrahm76@gmail.com

Person responsible for scientific inquiries**Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

Dr.Abdolrahim Asadollahi

Position

Academic member

Latest degree

Ph.D.

Other areas of specialty/work

Geriatrics

Street address

BLV-Razi

City

shiraz

Province

Fars

Postal code

7153675541

Phone

+98 71 3725 1001

Email

a_asadollahi@sums.ac.ir

7153675541

Phone

+98 71 3725 7288

Email

atefehrhm76@gmail.com

Person responsible for updating data**Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

atefeh rahim

Position

Masters student

Latest degree

Bachelor

Other areas of specialty/work

Geriatrics

Street address

BLV-Razi

City

shiraz

Province

Fars

Postal code**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available