

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 2026

Effect of parental involvement in children education for safe street-crossing skills

Protocol summary

Summary

The purpose of this study was to investigate the effect of parental involvement in teaching the child's safe street-crossing behavior. Entry requirement: First grade elementary school boys whose informed consent form was signed by their parents. Children who did not attend at least one of the eight educational sessions were excluded from the study. Method: 149 students with an average age of 7.5 years from the three elementary schools in six classes were present. Studied schools were selected haphazardly and each one randomly assigned to the test group, active control and control group. In the group, test group, instilling a child at school continued with pieces of homework with the help of parents at home. The second group or active control group was also given the same instruction at school but with no homework. The third group played the role of control groups which means receiving no training. The basis of conducting this instructional design was the psychological theories of constructivism and active learning. The first and second groups received eight sections of training, 45 minutes each. Participants' behavior was tested, using observation checklist in three parts by an observer in three groups; the search for vehicles on the street, Being cautious of dangers and Crossing the safe place in a real traffic environment in two way street, at three steps: before training, one week and six months after training.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017031333061N1**

Registration date: **2017-11-06, 1396/08/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-11-06, 1396/08/15

Registrant information

Name

Hamide Zare

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Department of Health Education, Faculty of Medical Sciences, Tarbiat Modares University

Expected recruitment start date

2016-01-21, 1394/11/01

Expected recruitment end date

2016-10-16, 1395/07/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of parental involvement in children education for safe street-crossing skills

Public title

The Impact of Parents involvement in promoting Children's Safe Behavior in Traffic

Purpose

Prevention

Inclusion/Exclusion criteria

Entry criterion: boy student 7-8 years old; Consent form signed by parents Exit: Not attending a test Not attending 2 education sessions; the child or family's unwillingness to continue to study

Age

From **7 years** old to **8 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **136**

Randomization (investigator's opinion)

Randomized

Randomization description

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

Tarbiat Modares University

Street address

Al-Ahmad & Chamran Cross, Tehran, Iran

City

Tehran

Postal code

14115-331

Approval date

2015-05-27, 1394/03/06

Ethics committee reference number

IR.TMU.REC.1394.49

Health conditions studied

1

Description of health condition studied

Pedestrian injured

ICD-10 code

V02

ICD-10 code description

Pedestrian injured in collision with two- or three-wheeled motor vehicle

2

Description of health condition studied

Pedestrian injured

ICD-10 code

V03

ICD-10 code description

Pedestrian injured in collision with car, pick-up truck or van

Primary outcomes

1

Description

Search for vehicles on the street -Being cautious of dangers-Crossing the safe place

Timepoint

before, one week after , and after two and six months of receiving education

Method of measurement

observation Behavior Based on traffic rules

Secondary outcomes

empty

Intervention groups

1

Description

The Test group received eight sections of training, 45 minutes , 2 of which were held in actual environment. instructions at school, along with homework and the cooperation of the parents in the learning process.

Category

Behavior

2

Description

The active control group received eight sections of training, 45 minutes , 2 of which were held in actual environment at school.

Category

Behavior

3

Description

The control group did not receive any training during the study

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Schools : Seyedoshohada

Full name of responsible person

Hossein Hosseini

Street address

Syedoshohada

City

Mehriz, Shahid Sadoghi Bulvar, Mehriz, Yazd

2

Recruitment center

Name of recruitment center

Danesh School

Full name of responsible person

Mrs. Jafari

Street address

Danesh School, Mostafa Khomani Street, Mehriz,
Yazd

City

Mehriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Department of Health Education, Faculty of Medical
Sciences, Tarbiat Modares University

Full name of responsible person

Dr. Mansoureh Movahedin

Street address

Anatomy Dept. Medical Sciences Faculty, Tarbiat
Modares University

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Department of Health Education, Faculty of Medical
Sciences, Tarbiat Modares University

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

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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