

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

The effect of education on reducing passive smoking in pregnant women.

Protocol summary

Summary

This is an interventional study conducted to investigate the effect of health belief model education on cigarette smoking exposure in women who are in the first trimester of pregnancy. For this purpose, 88 pregnant women were enrolled to assign randomly to the intervention or control group. The education based on the health belief model was done as two 15-minute sessions of face to face education in the intervention group. Perceived susceptibility, perceived severity, perceived barriers, perceived benefits, perceived efficacy, and motivation of action constructs will be assessed in second and fifth recourse of prenatal care. Number of cigarette exposure was also compared between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138809242857N1**

Registration date: **2010-02-03, 1388/11/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-02-03, 1388/11/14

Registrant information

Name

Ashraf Kazemi

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 31 1792 2939

Email address

kazemi@nm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Isfahan University of Medical Sciences

Expected recruitment start date

2008-12-21, 1387/10/01

Expected recruitment end date

2009-06-20, 1388/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of education on reducing passive smoking in pregnant women.

Public title

The effect of education with health belief model (HBM) on reducing passive smoking in pregnant women.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Iranian nationality, continue the antenatal care, and no active smoker. Exclusion criteria: women who their smoker husband is not with them for more than one week during the study period.

Age

From **18 years** old to **49 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **88**

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

Ethic committee of Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences, vice-chancellor for Research, Hezarjerib st.

City

Isfahan

Postal code

81745319

Approval date

2008-01-05, 1386/10/15

Ethics committee reference number

187054

Health conditions studied

1

Description of health condition studied

Smoke exposure in pregnant women

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Knowledge about duty of smoke exposure

Timepoint

Every 6 weeks

Method of measurement

questionnaire

Secondary outcomes

1

Description

Smoke exposure

Timepoint

Every 6 weeks

Method of measurement

Questionnaire

Intervention groups

1

Description

Education on the harms of exposure to cigarette smoking, two times at the first and second recourse for taking prenatal care in the intervention group

Category

Prevention

2

Description

No education in control group

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Midwifery units of district health centers

Full name of responsible person

Street address

selected health centers Of Isfahan University of Medical University

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Isfahan University of Medical sciences

Full name of responsible person

Ashraf Kazemi

Street address

Isfahan University of Medical sciences, nursing faculty, midwifery department

City

Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Isfahan 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
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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