Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 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
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Iran (Islamic Republic of)
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+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
IIsfahan 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

Isfahan University of Medical sciences

Full name of responsible person

Ashraf Kazemi

Position

Ph.d candidate and academic member of university

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