

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Survey effect of educational program by BASNEF model on nutritional supplements use during pregnancy among pregnant women referred to health centers in Hamadan city

Protocol summary

Summary

Study objective : Survey effect of educational program by BASNEF model on nutritional supplements use during pregnancy among pregnant women referred to health centers in Hamadan city . Study design : The study is a randomized study . The study population will be in the third month of pregnancy , pregnant women referred to health centers in north region of Hamadan. 88 cases of pregnant women assigned randomly groups will be placed in the intervention and control. Important inclusion criteria: Being in the third month of pregnancy , Written informed consent & important exclusion criteria: Termination of pregnancy during the study for any reason, Diagnosed ban for taking supplements & Refusing to participate in workshop two sessions and more. Mothers in the intervention group will participate in 4 sessions during one month in educational program based on BASNEF model also a follow-up meeting will be held a month after the interventional education. Before the intervention, immediately after the intervention and 2 months after the intervention , both the intervention and control groups , will be completed a questionnaire; main outcome of this study is predicted to be increase the behavior supplementation use during pregnancy in the intervention group .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014022316701N1**

Registration date: **2014-03-31, 1393/01/11**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2014-03-31, 1393/01/11

Registrant information

Name

Tahere Etesamifard

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 81 3838 0755

Email address

taherehealth@gmail.com

Recruitment status

Recruitment complete

Funding source

Funding source for this study is the Vice President for Research and Technological University of Hamadan Medical Sciences.

Expected recruitment start date

2014-04-12, 1393/01/23

Expected recruitment end date

2014-05-13, 1393/02/23

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Survey effect of educational program by BASNEF model on nutritional supplements use during pregnancy among pregnant women referred to health centers in Hamadan city

Public title

The effect of education on prenatal supplements

Purpose

Prevention

Inclusion/Exclusion criteria
 Inclusion criteria: Third trimester pregnant women referred to health centers in north of Hamadan; Written informed consent by the pregnant women under study; Lack of a ban on pregnancy supplements use. Exclusion criteria: Pregnant women who do not wish to continue participating in the study; Ban the use of one or all three supplements during pregnancy, in terms of doctor or midwife; Termination of pregnancy during the study for any reason (including abortion, and the doctor's advice, ...); Change the location so that they will be removed from the covered population; Refusing to participate in workshop two sessions and more.

Age
 No age limit

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
 Hamadan University of Medical Sciences

Street address
 Hamadan - Fahmideh strett - opposit Mardom Park

City
 Hamadan

Postal code

Approval date
 2013-04-08, 1392/01/19

Ethics committee reference number
 d/p/16/35/9/24

Health conditions studied

1

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E50

ICD-10 code description
 Vitamin A deficiency

2

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E51

ICD-10 code description
 Thiamine deficiency

3

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E53

ICD-10 code description
 Deficiency of other B group vitamins

4

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E54

ICD-10 code description
 Ascorbic acid deficiency

5

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E55

ICD-10 code description
 Vitamin D deficiency

6

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E56

ICD-10 code description
 Other vitamin deficiencies

7

Description of health condition studied
 nutritional supplements use during pregnancy

ICD-10 code
 E58

ICD-10 code description
 Dietary calcium deficiency

8

Description of health condition studied

nutritional supplements use during pregnancy

ICD-10 code

E61

ICD-10 code description

Deficiency of other nutrient elements

Primary outcomes

1

Description

nutritional supplements use during pregnancy

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

Secondary outcomes

1

Description

knowledge

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

2

Description

beliefs & evaluation of behavioral outcome

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

3

Description

attitude toward the behavior

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

4

Description

normative beliefs

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

5

Description

subjective norms

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

6

Description

behavioral intention

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

7

Description

enabling factors

Timepoint

Before the intervention, immediately after intervention, and two months after the end of intervention

Method of measurement

Made questionnaire

Intervention groups

1

Description

A training manual utilizes the scientific literature by the researcher will be provided after confirmation of its validity and reliability will be held in 4 sessions (one session per week) and about 60 minutes for each session for the third month pregnant women in the intervention group. Teaching methods will include lectures, group discussions and questions and answers.

Category

Prevention

2

Description

For the control group, there will be no educational intervention

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Reza health center

Full name of responsible person

Tahere Etesamifard - student of Msc of health education

Street address

City

Hamadan

2

Recruitment center

Name of recruitment center

Ghods health center

Full name of responsible person

Tahere Etesamifard - student of Msc of health education

Street address

City

Hamadan

3

Recruitment center

Name of recruitment center

Eslamshahr health center

Full name of responsible person

Tahere Etesamifard - student of Msc of health education

Street address

City

Hamadan

4

Recruitment center

Name of recruitment center

Khezr health center

Full name of responsible person

Tahere Etesamifard - student of Msc of health education

Street address

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Hamadan University of Medical Sciences - Vice chancellor for Research and Technology

Full name of responsible person

Dr. Alikhani

Street address

Hamadan - opposit of Mardom Park - Hamadan University of Medical Sciences

City

Hamadan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Hamadan University of Medical Sciences - Vice chancellor for Research and Technology

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

Hamadan University of Medical Sciences

Full name of responsible person

Tahere etesamifard

Position

student of Msc of health education

Other areas of specialty/work

Street address

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Postal code

Phone

+98 81 1838 0574

Fax

Email

ICT@umsha.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Hamadan University of Medical Sciences

Full name of responsible person

Tahere Etesamifard

Position

student of Msc of health education

Other areas of specialty/work

Street address

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ICT@umsha.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Hamadan University of Medical Sciences

Full name of responsible person

Tahere Etesamifard

Position

student of Msc of health education

Other areas of specialty/work**Street address****City****Postal code****Phone**

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Fax**Email****Web page address****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