Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The impact of educational prenatal care by two methods support group and Individual-centered on the satisfaction and empowerment in pregnant women

Protocol summary

Summary

Objective: to investigate the effectiveness of pregnant women empowerment program on elements of empowerment and their satisfaction of prenatal cares. Design : a clinical trail with an intervention group (group antenatal care) and a control group (traditional antenatal care). The sample size: the total number of samples by using of OpenEpi software, and related article was chosen 70 person. In each group will be 35 person. The sampling is easy And allocation of sampels in each intervention and control groups will be randomly. Participation: potential participants for either group have to be healthy pregnant women, without medical or obstetric complications of pregnancy, between the ages 18 and 35, and Iranian person. Those who do not fit these criteria are excluded. Method: the empowerment program abolishes routine prenatal care by bringing women out of examination rooms and into groups for their care_ risk assessment, education , and support_ into one entity. Women are placed into groups of 8 to 9 based on estimated dates of delivery and meet for five 120-minute prenatal visits at regular intervals that begin when women are 13 weeks pregnant, and end when women are 36 weeks pregnant. In each session women measure their own blood pressure, weight themselves and record these results in their charts. the experimental gruope will recipe ejucational booklet to red it at home by themselfs.2 group will be evaluted by empowerment scale for pregnanrt womenand littlefeild and adams .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201307222248N11**
Registration date: **2014-09-08, 1393/06/17**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2014-09-08, 1393/06/17

Registrant information

Name

Fereshteh Jahdi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

00982188773073,00982182471404

Email address

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, School of Nursing Midwifery

Expected recruitment start date

2011-12-26, 1390/10/05

Expected recruitment end date

2012-07-22, 1391/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The impact of educational prenatal care by two methods support group and Individual-centered on the satisfaction and empowerment in pregnant women

Public title

The impact of educational prenatal care by two methods support group and Individual-centered on the satisfaction and empowerment in pregnant women

Purpose

Supportive

Inclusion/Exclusion criteria

Criteria for entry into the study: 1- Iranian- pregnant women 2- Women with gestational age age 13 weeks. 3- Without known physical and mental illnesses. 4- Ages 18 to 35 years. 5- Able for reading and writing. 6- Singleton pregnancy. 7- If she has a history of childbirth, natural childbirth. Exclusion criteria from the study: 1- During the study, mothers who are involved in adverse events such as death of loved ones. 2- During the study, mothers who are involved by complication of pregnancy such as: Abortion, hypertension, toxemia of pregnancy, gestational diabetes, intrauterine fetal death, premature labor. 3- Mothers who don't desire to continue. 4- Mothers who didn't attend at least in two sessions of training sessions.

Age

From **18 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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

Tehran University of Medical Sience

Street address

Nursing And Midwifery Fculty,Tohid Sure,Tehran

City

Tehran

Postal code

Approval date

2013-07-21, 1392/04/30

Ethics committee reference number

21597

2

Ethics committee

Name of ethics committee

Tehran University Of Medical Sience

Street address

School of Nursing Midwifery, Nosrat East Avenue,Towhid Square, Tehran

City

Tehran

Postal code

Approval date

2013-07-21, 1392/04/30

Ethics committee reference number

21597

Health conditions studied

1

Description of health condition studied

normal pregnancy

ICD-10 code

z34.8

ICD-10 code description

supervision of other normal pregnancy

Primary outcomes

1

Description

pregnant women empowerment

Timepoint

36 gestational age

Method of measurement

pregnant women empowerment questionair

2

Description

pregnant women empowerment

Timepoint

36 gestational age

Method of measurement

pregnant women empowerment questionair

Secondary outcomes

1

Description

saticfaction of care

Timepoint

36 gestational age

Method of measurement

Adams and litelfild saticfaction questionaire

2

Description

saticfaction of care

Timepoint
36 gestational age
Method of measurement
Adams and litelfild saticfaction questionaire

Intervention groups

1

Description
in experimental group empowerment program for caring during pregnancy will perform by gruop disscussion .every session the empwermentprogram will design for 4 ,120 minutes session. each session will conssist of 2 part: part of self care (30 min) and part of grop training(90 min).in caring session samples will be given taking of themselves by ejucated measuring weight and vital sign preveasly. after recieving ethics comeetee in ejucational empwerment program will perfom 4 sesson on 20,25,30,32 weeks. this session will design individula caring with ejucational boklet that shouil be ead at home.if they have qution they will give answer in next session of prenatal caring
Category
Other

2

Description
in the intervention group, prenatal care and education will be held in five group session. each session is 120 minutes which has two parts. care part is 30 minutes that will be done by pregnant women who already have learned how to measure weight and vital signs. education part is 90 minutes that will be done into group discusion.
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Prenatal clinic, Akbarabadi Hospital
Full name of responsible person
Street address
City
Tehran

2

Recruitment center
Name of recruitment center
Fereshteh Jahdi
Full name of responsible person
Street address
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tehran University Of Medical Sciences, vice chancellor for research
Full name of responsible person
Dr. Akbar Fotuhi
Street address
Organisation of Central University, The sixth floor, khods street, keshavarz boulevard, Tehran
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tehran University Of Medical Sciences, vice chancellor for research
Proportion provided by this source
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

2

Sponsor
Name of organization / entity
Fereshteh Jahdi
Full name of responsible person
Fereshteh Jahdi
Street address
Tehran, Nursing And Midwifery School
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Fereshteh Jahdi
Proportion provided by this source
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
Tehran University

Full name of responsible person
Fereshteh Jahdi

Position
msc midwifery

Other areas of specialty/work

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Person responsible for updating data

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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