Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Effects of Counselling on Maternal-Fetal Attachment and Maternal Stress among Primigravida Women Attended to Health Care Centers in Hamadan, 2015

Protocol summary

Summary

Objective of this study is to investigate effects of Counselling on Maternal-Fetal Attachment and Maternal anxiety during pregnancy. Population of the study are primigravida women attended to health care centers in Hamadan in 2015. Samples are women within 30-32 week of pregnancy with inclusion criteria. Firstly, women will complete consent form. Secondly, participants will selected by random sampling and will allocated randomly in case or control group. Two groups will match on age, socioeconomic status, and having no education for childbearing in pregnancy. Case group are primi-gravid mothers who will receive routine prenatal care and furthermore will receive small group consulting every week since 32th week of pregnancy for four sections. Consulting contents include: understanding of physiological changes in pregnancy, risk factor signs, instruction of mother-fetal attachment, palpate fetal quickening and count fetal movement by mothers themselves. Control group only will take routine prenatal care during pregnancy. Instruments of data collections are: 1- demographic status (age, education, job, etc.), 2- mother fetal attachment questionnaire developed by Cranley , 3- Spielberger anxiety questionnaire. Two groups will compare for mother-fetal attachment and anxiety before (32th week) and after study (36th week). Follow-up will conduct on 38 th week of pregnancy in both groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015010910426N4**
Registration date: **2015-02-14, 1393/11/25**
Registration timing: **registered_while_recruiting**
Last update:
Update count: **0**

Registration date

2015-02-14, 1393/11/25

Registrant information

Name

Parisa Parsa

Name of organization / entity

Hamadan University of Medical Sciences

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parsa@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Hamadan University of Medical Sciences

Expected recruitment start date

2015-02-04, 1393/11/15

Expected recruitment end date

2016-02-04, 1394/11/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of Counselling on Maternal-Fetal Attachment and Maternal Stress among Primigravida Women Attended to Health Care Centers in Hamadan, 2015

Public title

Effects of Counselling on Maternal-Fetal Attachment and

Maternal Stress among Primigravida Women Attended to Health Care Centers in Hamadan, 2015

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: wanted first pregnancy, no history of medical or obstetrics problems such as diabetes, per-eclampsy, bleeding, multiple pregnancy, premature labor, PROM, low to moderate anxiety in pregnancy. Exclusion criteria: having medical or obstetrics problems during study such as diabetes, per-eclampsy, bleeding, multiple pregnancy, premature labor, PROM, sever anxiety during pregnancy, unwilling to participate in consulting classes.

Age

From **15 years** old to **45 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **110**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single 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 University of Medical Sciences- Shahid Fahmideh Street -Counterpoin of Mardom Park- Hamadan

City

Hamadan

Postal code

Approval date

2015-01-28, 1393/11/08

Ethics committee reference number

16/35/9/5510 پ

Health conditions studied

1

Description of health condition studied

Maternal mental care related to pregnancy

ICD-10 code

O26.9

ICD-10 code description

Pregnancy-related condition, unspecified

Primary outcomes

1

Description

Mother-fetal attachment

Timepoint

week 32-36-38

Method of measurement

Cranely Questionnare

Secondary outcomes

1

Description

Mother anxiety

Timepoint

week 32-36-38

Method of measurement

Spielberger questionnare

Intervention groups

1

Description

Case group are primi-gravid mothers who will receive routine prenatal care and furthermore will receive small group consulting every week since 32th week of pregnancy for four sections. Consulting contents include: understanding of physiological changes in pregnancy, risk factor signs, instruction of mother-fetal attachment, palpate fetal quickening and count fetal movement by mothers themselves.

Category

Behavior

2

Description

Control group only will take routine prenatal care during pregnancy.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Health care centers in Hamadan city

Full name of responsible person
Street address
Health Care Center- Ayande Sazan Street- Behand Ekbatan Hospital- Jahad Square-Hamadan
City
Hamadan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Hamadan University of Medical Sciences
Full name of responsible person
Dr. Saeed Bashirian
Street address
Shahid Fahmideh Street -Counterpoin of Mardom Park- Hamadan
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
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