

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jun 2026

Effect of a maternal role education program on role attainment and maternal role satisfaction in nulliparous women with unplanned pregnancy

Protocol summary

Summary

This study aimed to assess the effect of a maternal role education program on role attainment and maternal role satisfaction in nulliparous women with unplanned pregnancy. 70 nulliparous women with an unplanned pregnancy will participate in this study. Inclusion criteria included nulliparous women, obtained from London questionnaire score to 3-0, Single fetus pregnancy, Gestational age was 33 weeks. Exclusion criteria preterm labor, Infant is sick and abnormal, Admitted to neonatal intensive care unit for any reason during study. This study will be conducted at 10 medical centers in the city of Mashhad, where the two centers are similar social and economic randomly to the intervention group and another control group will receive. First, all participants will complete questionnaire (demographic, maternal role attainment, parenting sense of competence, stress, Kramlich maternal-fetal attachment). Intervention group will receive various education including Visualization of motherhood role, attachment to fetus and newborn, newborn care and breastfeeding in 34,35,36 weeks gestational age and before discharge hospital and then every week to 4-week post-natal telephone follow-up will be. Intervention group will receive a CD and booklet. Control group will receive usual care by researcher in 34,35,36 weeks gestation age and before discharge hospital. The researcher will be present in the hospital and then every week to 4-week post-natal telephone follow-up will be. All participants of the questionnaire maternal role attainment, parenting sense of competence, general impression of infant temperament will fill 4 weeks after delivery. At the end of study, control group will be given booklet.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014060117948N1**

Registration date: **2014-08-29, 1393/06/07**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-08-29, 1393/06/07

Registrant information

Name

Maryam Fasanghari

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 1859 1511

Email address

fasangharim911@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2014-08-06, 1393/05/15

Expected recruitment end date

2015-02-20, 1393/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of a maternal role education program on role attainment and maternal role satisfaction in nulliparous women with unplanned pregnancy

Public title

Effect of a maternal role education program on maternal role attainment in nulliparous women with unplanned pregnancy

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria: nulliparous women, Gestational age was 33 weeks; obtained from london questionnaire score to 3-0 to confirm pregnancy is unplanned; Single fetus pregnancy. Exclusion criteria were : Preterm labor; Neonates with IUGR or SGA ; Obstetric problems during pregnancy and postpartum ; Infants is sick ; Infants is abnormal ; Admitted to neonatal intensive care unit for any reason during study

Age

No age limit

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**

Mashhad University of Medical Sciences

Street address

Central Organization of Mashhad University of Medical Sciences , Daneshgah Avenue

City

Mashhad

Postal code**Approval date**

2014-07-15, 1393/04/24

Ethics committee reference number

research/930063/1/7

Health conditions studied**1****Description of health condition studied**

Maternal Role Attainment

ICD-10 code

F69

ICD-10 code description

Unspecified disorder of adult personality and behaviour

Primary outcomes**1****Description**

maternal role attainment ,maternal role satisfaction

Timepoint

before intervention,4 week after delivery

Method of measurement

maternal role attainment questionnaire,parenting sense of competence questionnaire

Secondary outcomes

empty

Intervention groups**1****Description**

intervention group will receive various education including Visualization of motherhood role, attachment to fetus and newborn, newborn care and breastfeeding in 34,35,36 weeks gestational age and before discharge hospitaland and then every week to 4-week post-natal telephone follow-up will be.

Category

Behavior

2**Description**

control group would receive usual care in 34,35,36 weeks gestation and Before hospital discharge, the researcher will be present in the hospital and then every week to 4-week post-natal telephone follow-up will be.in this followup to the mother's questions will be answered.

Category

Behavior

Recruitment centers**1****Recruitment center****Name of recruitment center**

The 5 items health centers in Mashhad

Full name of responsible person**Street address****City**

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Mohsen Tafaghodi

Street address

Central Organization of Mashhad University of Medical Sciences.Daneshgah Avenue

City

Mashhad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Maryam fasanghari

Position

Postgraduate Midwifery Student

Other areas of specialty/work

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Person responsible for updating data

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Full name of responsible person

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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