

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Jun 2026

Effect Of Training Program Based On Attachment Behaviors On The Acceptance Of Maternal Role In Adolescent Nulliparous Pregnant Women

Protocol summary

Study aim

Objective: The effect of educational program based on attachment behaviors on the acceptance of maternal role in adolescent primigravida pregnant

Design

In this research, 80 eligible people referring to the selected medical centers are selected. Participants are randomly divide into intervention and control groups.

Settings and conduct

In this study, adolescent primigravida pregnant women who are referred to the selected treatment centers in Tehran are attending three sessions of the training course for three consecutive weeks.

Participants/Inclusion and exclusion criteria

Participants including major eligibility criteria: Mothers aged 15-19; Single pregnancy; Gestational age between 28 and 32 week Exit Conditions: absence training courses for more than one session; occur unpleasant and affecting event on the psyche of mother; Death of fetus or newborn; Admission of the newborn in intensive care unit

Intervention groups

Intervention group, Individuals participate in educational program based on attachment behaviors on 3 consecutive weeks for 90 minutes. Control group, receive routine care at selected clinics.

Main outcome variables

Acceptance of Maternal Role (maternal identity, Parenting sense of competence)

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171026037022N3**

Registration date: **2018-03-07, 1396/12/16**

Registration timing: **retrospective**

Last update: **2018-03-07, 1396/12/16**

Update count: **0**

Registration date

2018-03-07, 1396/12/16

Registrant information

Name

Asiyeh Kaheh

Name of organization / entity

Faculty of Nursing and Midwifery

Country

Iran (Islamic Republic of)

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+98 21 4608 5374

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kaheei.a@tak.iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research, Iran University of Medical Sciences

Expected recruitment start date

2017-08-23, 1396/06/01

Expected recruitment end date

2018-03-21, 1397/01/01

Actual recruitment start date

2017-08-23, 1396/06/01

Actual recruitment end date

2018-02-19, 1396/11/30

Trial completion date

empty

Scientific title

Effect Of Training Program Based On Attachment Behaviors On The Acceptance Of Maternal Role In Adolescent Nulliparous Pregnant Women

Public title

Effect of Training on Acceptance of Maternal Role

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
Mothers aged 15-19 Single pregnancy Gestational age between 28 and 32 weeks

Exclusion criteria:
Occur unpleasant and affecting event on the psyche of mother Death of Fetus or newborn Admission of the newborn in intensive care unit

Age
From **15 years** old to **19 years** old

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **80**
Actual sample size reached: **73**

Randomization (investigator's opinion)
Randomized

Randomization description
The method of sampling in this study is available on a target-based basis and randomly assigned by binary block method in two groups of test and control. First, on the two cards, the numbers will be 1 and 2, then the qualified person will be asked to choose a card from the two cards. (Test group number 1 and control group number 2). Upon completion of the sampling, mothers will be placed in the selected clinics of prenatal care, in each of the groups of 10 who will be arranged in the initial drawing.

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

Ethics committee of Iran University of Medical Sciences

Street address

School of nursing and midwifery, Yasemi Rashid Street, Vali-asr Street, Tehran

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Tehran

Province

Tehran

Postal code

1449614535

Approval date

2016-05-09, 1395/02/20

Ethics committee reference number

IR.IUMS.REC 1395.9311373023

Health conditions studied

1

Description of health condition studied

Acceptance of Maternal Role

ICD-10 code

F69

ICD-10 code description

Unspecified disorder of adult personality and behavior

Primary outcomes

1

Description

Maternal Identity

Timepoint

Before the intervention - Ten days after delivery

Method of measurement

Maternal Identity Questionnaire in the third trimester of pregnancy and postpartum

2

Description

Parenting Sense of Competence

Timepoint

Before the intervention - Ten days after delivery

Method of measurement

Parenting Sense of Competence scale

Secondary outcomes

1

Description

Maternal - fetal attachment

Timepoint

Before Intervention - Ten Days After Childbirth

Method of measurement

Cranly Maternal-fetal attachment questionnaire

Intervention groups

1

Description

Control group: The control group will receive routine care only.

Category

Other

2

Description

Intervention group: They will receive different training on attachment behaviors to the fetus for three consecutive weeks (three sessions - 90 minutes).

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Akbar Abadi Hospital

Full name of responsible person

Freshteh Jahdi

Street address

Shahid Akbar Abadi Hospital, Molavi Street, Tehran

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2

Recruitment center

Name of recruitment center

Lolagar Hospital

Full name of responsible person

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Recruitment center

Name of recruitment center

Firoozgar Hospital

Full name of responsible person

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

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Iran University of Medical Sciences, Next to Milad tower, Hemmat highway, Tehran

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Iran University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Fereshte Jahdi

Position

Ph.D. Student

Latest degree

Master

Other areas of specialty/work

Midwifery

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Iran University of Medical Sciences

Full name of responsible person

Asiyeh Kaheh

Position

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Latest degree

Bachelor

Other areas of specialty/work

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Full name of responsible person

Fereshteh Jahdi

Position

Ph.D. student

Latest degree

Master

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

Demographic data, Parenting Sense Of Competence Scale and Maternal identity (information on the main outcome) We explain how to collect data and methodology We publish Informed consent Form We publish the results of the research

When the data will become available and for how long

Availability since 1399

To whom data/document is available

Researchers working in academic and scientific institutions.

Under which criteria data/document could be used

Use of research and research results in medical centers

From where data/document is obtainable

Refer the library of the Faculty of Nursing and Midwifery of Iran.

What processes are involved for a request to access data/document

Refer the Library of the Faculty of Nursing and Midwifery of Iran.

Comments