

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

The Effect of self-efficacy-based training package on maternal self-confidence and Sense of competency of primiparous for infant caring

Protocol summary

Summary

The aim of this randomized controlled clinical trial is to evaluate the effect of self efficacy-based training package on maternal self-confidence and Sense of competency of primiparous women for infant care. Inclusion criteria were primiparous women without postpartum depression and a normal infant and exclusion criteria were do not reading instructional book and Not possible to turn both telephone counseling. This study was conducted on 60 primiparous first mothers (30 control,30 intervention) referred to health care centers of Mashhad. self efficacy-based training package consisting of a face to face training sessions, instructional booklet contains common questions and answers, instructional videos and two sessions of telephone counseling was prepared and implemented for intervention group. The control group just received routine care. The intervention began 10-15 days after birth outcomes of the study included the maternal self efficacy, self-confidence and sense of competence, that were completed before and eight weeks after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014012416335N1**

Registration date: **2014-03-16, 1392/12/25**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-03-16, 1392/12/25

Registrant information

Name

Elham Azmoude

Name of organization / entity

Mashhad University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2013-08-23, 1392/06/01

Expected recruitment end date

2013-12-22, 1392/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of self-efficacy-based training package on maternal self-confidence and Sense of competency of primiparous for infant caring

Public title

Effect of training on maternal's self-confidence and Sense of competency

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: being primiparous; residing in Mashhad; feasibility of calling; singleton pregnancy and normal gestational week; absence of medical diseases; Health baby without abnormalities; living with spouse; absence of history of infertility and mental illness or psychiatric drugs using; not suffering from postpartum

depression; absence of substance abuse. Exclusion Criteria: a degree in Medical Sciences; stressful event during the study; not wanting to continue survey; infants hospitalization during the study or his separation from the mother for any reason; infant death; not possible to connect both calls; reading less than half of the pages of booklet; not seeing educational film.

Age

To 1 year old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

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

mashhad, St. daneshgah

City

Mashhad

Postal code

920229

Approval date

2013-08-19, 1392/05/28

Ethics committee reference number

920229

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

Optimal Care for Infants

ICD-10 code

Z76.2

ICD-10 code description

Health supervision and care of other healthy infant and

child

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

maternal self efficacy

Timepoint

before intervention + Two months after the start of the intervention

Method of measurement

Reece expectation survey

2**Description**

Maternal self confidence

Timepoint

Before intervention, Two months after the start of the intervention

Method of measurement

Lips maternal self confidence

3**Description**

Maternal sense of competency

Timepoint

Before intervention, Two months after the start of the intervention

Method of measurement

Parenting sense of competency

Secondary outcomes

empty

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

The intervention group are trained by using self efficacy promotions Strategies, including of: a face to face training sessions on the first day of intervention, instructional booklet contains common questions and answers and 30 minute instructional videos, that the subjects were given the same day and two sessions of telephone counseling , that were conducted one and three weeks after the start of intervention.

Category

Behavior

2**Description**

The control group were received routine postpartum training.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Health Care Centers of Mashhad

Full name of responsible person

Farzane Jafarnejad

Street address

Mashhad School of Nursing and Midwifery

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Council of Mashhad University of Medical Sciences

Full name of responsible person

Dr.Tafaghodi

Street address

Building Qureshi, Daneshgah Ave, Mashhad, Iran

City

Mashhad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research Council of 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

Elham Azmoude

Position

MSc in Midwifery

Other areas of specialty/work

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

School of Nursing and Midwifery, Mashhad

Full name of responsible person

Farzaneh Jafarnejad

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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