

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of Breast Crawl on Breastfeeding in nulliparous women

Protocol summary

Summary

This study evaluated the effect of breast crawl on the success of the first breast feeding, duration of breast-feeding mother and maternal satisfaction. The 80 primigravida with term and single pregnancy, without anatomical problem and breast herpes on both breasts, who, have a phone number to make calls, randomly will include in this quasi-experimental controlled trial. Women will randomly divided into two (Breast Crawl) and (hospital routine care) groups each consisting of 40 cases. Abnormal neonate and who have APGAR score below 9 in 1&5 minutes after birth will exclude. In BC group, skin-to-skin contact immediately after delivery, cheek-to-cheek and eye-to-eye contacts will provide. At least for 60 minutes the naked and prone neonate will put on mother's breast and abdomen in a way his/her nose and eyes will respectively on middle line of mother's thorax and nipple surface. The neonate will allow crawling toward mother's breast, finding it by itself and starting the first breastfeeding without any help. The control group will care according to routine plans of the ward. The evaluation checklist of neonate breastfeeding will collect after observing the first breastfed of the neonate. The questionnaire of mother's satisfaction from breastfeeding and exclusive breastfeeding will complete four months after birth.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201111226582N4**
Registration date: **2015-03-13, 1393/12/22**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-03-13, 1393/12/22

Registrant information

Name

Mahin Kamalifard

Name of organization / entity

Tabriz University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 414796770

Email address

kamalifardm@gmail.com

Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2009-03-20, 1387/12/30

Expected recruitment end date

2010-03-20, 1388/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Breast Crawl on Breastfeeding in nulliparous women

Public title

The effect of Breast Crawl on Breastfeeding in nulliparous women

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Term and single pregnancy ; lack of anatomical problem on mother's both breasts; lack of herpes on mother's both breasts; having a phone number to make calls exclusion criteria: abnormal

neonate; having APGAR score below 9 in 1&5 minuets after birth

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: **80**

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

Tabriz University of Medical Sciences

Street address

South Shariaty

City

Tabriz

Postal code

5138947977

Approval date

2010-05-19, 1389/02/29

Ethics committee reference number

245

Health conditions studied

1

Description of health condition studied

breastfeeding

ICD-10 code

Z39.0

ICD-10 code description

Care and examination immediately after delivery

Primary outcomes

1

Description

successfully of breastfeeding

Timepoint

from birth until 6 months

Method of measurement

checklists and questionnaire

Secondary outcomes

1

Description

satisfaction of breastfeeding

Timepoint

from birth until 6 months

Method of measurement

checklists and questionnaire

Intervention groups

1

Description

Intervention group (BC): skin-to-skin contact immediately after delivery, cheek-to-cheek and eye-to-eye contacts will provide for mother and neonate. Then for 60 minutes the naked and prone neonate will put on mother's breast and abdomen in a way his/her nose and eyes be respectively on middle line of mother's thorax and nipple surface. The neonate will allow crawling toward mother's breast, finding it by itself and starting the first breastfeeding without any help. Control group.

Category

Behavior

2

Description

Control group: The control group will care according to routine plans of the ward

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Alzahra hospital

Full name of responsible person

Mahin kamalifard

Street address

Artesh Street

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences-research
principal

Full name of responsible person

Sohyla Bani

Street address

Tabriz University of Medical Sciences-research
principal

City

Tabriz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Tabriz University of Medical Sciences-research principal

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

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Nursung & Midwifery faculty

Full name of responsible person

Mahin Kamalifard

Position

Faculty mastery of midwifery

Other areas of specialty/work**Street address**

Faculty of Nursing and Midwifery, shariaty street

City

Tabriz

Postal code

5153619494

Phone

+98 413470648

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Email

Kamalifard@tbzmed.ac.ir

Web page address

www.tbzmed.ac.ir

Person responsible for updating data

Contact

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