

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of conventional and physiological childbirth on breast crawl and maternal satisfaction.

Protocol summary

Summary

The aim of this study was to compare the effects of conventional and physiological childbirth on baby crawl and maternal satisfaction. A total of 98 pregnant women were randomly divided into two groups of natural and physiological childbirth. Immediately after birth, the baby was placed on the mother's abdomen and the researcher measured duration of breast crawl in the lax, crawl, rest, acquaintance, sucking time. Maternal satisfaction was also measured. Then the data were compared and recorded in the both groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201211044317N8**

Registration date: **2012-11-24, 1391/09/04**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-11-24, 1391/09/04

Registrant information

Name

Fatemeh Nahidi

Name of organization / entity

Shahid Beheshti University of Medical Sciences and Health Services

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Recruitment status

Recruitment complete

Funding source

Research Center for Safer Motherhood

Expected recruitment start date

2012-11-21, 1391/09/01

Expected recruitment end date

2013-07-23, 1392/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of conventional and physiological childbirth on breast crawl and maternal satisfaction.

Public title

Comparison of conventional and physiological childbirth on breast crawl and maternal satisfaction.

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria were: 1- Women aged between 18 and 35 years. 2 - Non-smoking. 3-Who are Primipara.4- Gestational age 37 weeks and greater than it (early pregnancy ultrasound or LMP)5 -Not a high risk pregnancy and Lack of anatomical defect or history of breast surgery that can cause problems in breast milk and breast feeding. 6-Lack of breast-feeding and skin contact prohibition.7-Spontaneous vaginal delivery without the use of instrument. 8-Baby weight over 2500 grams . 9-First Apgar scores of 8 and above and fifth minute Apgar scores of 9 and above. Exclusion criteria were:1- short umbilical cord length. 2-Abnormal Vaginal Delivery process.3- Large episiotomy or tear .4- Delivery leads to cesarean section.5- Mothers with unstable clinical condition in blood pressure, body temperature and breathing . 6- Amniotic fluid with Meconium-stained.

7-Clinically unstable infant. 8-Newborns with Congenital abnormalities .

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: **98**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

The International&Virtual Branch of Shahid Beheshti
University of Medical Sciences& Health Services

Street address

No 19, Shahid Abaspoor St, Next to Shahid Hemmat
Bridge, Valiassr Ave,TEHRAN,IRAN

City

Tehran

Postal code

141553693

Approval date

2012-10-14, 1391/07/23

Ethics committee reference number

2814/116

Health conditions studied

1

Description of health condition studied

Breast Crawl

ICD-10 code

O80

ICD-10 code description

Single spontaneous delivery

Primary outcomes

1

Description

Breast Crawl

Timepoint

Immediately after birth

Method of measurement

Observation

2

Description

Maternal satisfaction

Timepoint

After delivery

Method of measurement

Quastionery

3

Description

Lax

Timepoint

During of breast crawl

Method of measurement

Observation and record duration in checklist

4

Description

Crawl

Timepoint

During of breast crawl

Method of measurement

Observation and record duration in checklist

5

Description

Rest

Timepoint

During of breast crawl

Method of measurement

Observation and record duration in checklist

6

Description

Acquaintance

Timepoint

During of breast crawl

Method of measurement

Observation and record duration in checklist

7

Description

Sucking

Timepoint

During of breast crawl

Method of measurement

Observation and record duration in checklist

Secondary outcomes

1

Description

Conventional Delivery

Timepoint

Immediately after Delivery

Method of measurement

Observation

2

Description

Physiological Delivery

Timepoint

Immediately after Delivery

Method of measurement

Observation

Intervention groups

1

Description

Breast Crawl in Physiological Delivery

Category

Prevention

2

Description

Breast Crawl in Conventional Delivery

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Shooshtari Hospital

Full name of responsible person

Fatemeh Nahidi and Soheila Rafiei

Street address

Shiraz -Baskol Nader - Shooshtari Hospital

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Center for Safer Motherhood

Full name of responsible person

Massomeh Simbar

Street address

Research Center for Safer Motherhood, Department of Midwifery and Reproductive Health, Faculty of Nursing and Midwifery, Shahid Beheshti University of Medical Sciences (2sd floor, Department of Midwifery), Vali-Asr Avenue, Cross of Vali-Asr and Neiaiesh Highway, Opposite to Rajaee Heart Hospital

City

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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

Research Center for Safer Motherhood

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

Department of Midwifery and Reproductive Health, Research Center for Safer Motherhood

Full name of responsible person

Fatemeh Nahidi

Position

Faculty member of Shahid Beheshti University of Medical Sciences ,MSc in Midwifery and student of

Other areas of specialty/work

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Person responsible for scientific inquiries

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Position
MSc in Midwifery and student of PhD in Health Education and Promotin

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in Health Education and promotion

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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