

Clinical Trial Protocol

Iranian Registry of Clinical Trials

14 Jul 2026

Evaluation of the effect of communication skills training for nurses and midwives in increasing rates of effective breastfeeding in infants

Protocol summary

Summary

In this study we evaluated the the effect of training nurses and midwives in communication skills in increasing the amount of effective breastfeeding in first days after the birth and in communication skills of health professionals . we evaluated the skills and effective breastfeeding in the first days after birth, before , immediately after , 3 and 6 months after a workshop .The study population consisted of 27 nurses and midwives at the maternity ward of Vali-Asr hospital and at least 100 mothers . Nurses and midwives must have at least a bachelor's degree and should have passed their obligatory duties. Mothers are enrolled if they have been with their newborns for at least the past 12 hours , the baby is born maximum 48 hours ago and there is no contraindication to breastfeeding. the study has a before- after design . A 4 hour workshop is held and the Evaluation of breastfeeding (by direct observation) evaluation of skills(by OSCE) is performed before , immediately after , 3 and 6 months after the workshop .

General information

Acronym

Evaluation of the effect of communication skills training in breastfeeding

IRCT registration information

IRCT registration number: **IRCT2014080518691N1**

Registration date: **2014-09-09, 1393/06/18**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2014-09-09, 1393/06/18

Registrant information

Name

NIKOO NIKNAFS

Name of organization / entity

TEHRAN UNIVERSITY OF MEDICAL SCIENCES

Country

Iran (Islamic Republic of)

Phone

+98 21 6119 2407

Email address

n-niknafs@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, Breastfeeding research center , first proposal grant

Expected recruitment start date

2014-09-23, 1393/07/01

Expected recruitment end date

2015-06-20, 1394/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of communication skills training for nurses and midwives in increasing rates of effective breastfeeding in infants

Public title

Evaluation of the effect of communication skills training for nurses and midwives in increasing rates of effective breastfeeding in infants

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria : nurses and midwives at the maternity ward of Vali-Asr hospital and the mothers who have at least a bachelor's degree; have passed their obligatory

duties; Mothers who have been with their newborns for at least the past 12 hours; the baby is born maximum 48 hours ago; there is no contraindication to breastfeeding .

Age

No age limit

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics in Research Committee - Tehran University of Medical Sciences

Street address

Keshavarz boulevard, Ghods avenue, Tehran
University of Medical Sciences

City

Tehran

Postal code**Approval date**

2014-08-25, 1393/06/03

Ethics committee reference number

93-02-105-26356-120692

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

breastfeeding

ICD-10 code

p 92.5

ICD-10 code description

Neonatal difficulty in feeding at breast

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

effective sucking

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

checklist direct observation

2**Description**

latch on

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

checklist direct observation

3**Description**

breast appearance

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

direct observation

4**Description**

carrying the baby

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

direct observation

5**Description**

infants general condition

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

checklist direct observation

6**Description**

mothers general condition

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

checklist direct observation

Secondary outcomes

1

Description

listening skills

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

check list , OSCE

2

Description

non verbal communication skills

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

check list , OSCE

3

Description

self confidence encouraging skills

Timepoint

before , immediately after , 3 and 6 months after intervention

Method of measurement

check list , OSCE

Intervention groups

1

Description

This is a before-after study and one intervention is done on one group. Intervention consists of a 4- hour workshop which will be held 2 to 3 times for maximum participation . In the beginning of these workshops a video clip of incorrect communication between a health care professional and a mother will be shown . The content has been confirmed by The Society for Promoting breastfeeding.The participants will be asked to work in groups to fill an assessment Check List. Then the clip is reviewed once again based on sub- skills including: starting consultation, encouraging mother to expression of feelings and concerns , listening skills , asking open questions , giving information and feedback , and closing the consultation . Each of these skills are then practiced in form of small exercise scenarios and short training . .The emphasis is on skills in which the greatest weakness has been observed in the evaluation before the intervention .

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Valiasr hospital

Full name of responsible person

Nikoo Niknafs

Street address

Bagherkhan avenue, Valiasr hospital, Second Floor, NICU

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Breastfeeding Research Center, Tehran University of Medical Sciences

Full name of responsible person

Hosein Dalili

Street address

Bagherkhan Avenue, Valiasr Hospital, Second floor

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Breastfeeding Research Center, Tehran 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

Tehran University of Medical Sciences, valiasr hospital

Full name of responsible person

Nikoo Niknafs

Position

Neonatologist /Assistant Professor

Other areas of specialty/work

Street address

Bagherkhan Avenue, Valiasr Hospital, Second floor, Neonatal Intensive Care Unit

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Person responsible for scientific inquiries

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Person responsible for updating data

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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