Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 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 , immidiately after , 3 and 6 months after intervention

Method of measurement
checklist direct observation

2

Description
latch on

Timepoint
before , immidiately after , 3 and 6 months after intervention

Method of measurement
checklist direct observation

3

Description
breast appearance

Timepoint
before , immidiately after , 3 and 6 months after intervention

Method of measurement
direct observation

4

Description
carrying the baby

Timepoint
before , immidiately after , 3 and 6 months after intervention

Method of measurement
direct observation

5

Description
infants general condition

Timepoint
before , immidiately after , 3 and 6 months after intervention

Method of measurement
checklist direct observation

6

Description
mothers general condition

Timepoint
before , immidiately after , 3 and 6 months after intervention

Method of measurement
checklist direct observation

Secondary outcomes

1

Description
listening skills
Timepoint
before , immidiately after , 3 and 6 months after intervention
Method of measurement
check list , OSCE

2

Description
non varbal communication skills
Timepoint
before , immidiately after , 3 and 6 months after intervention
Method of measurement
check list , OSCE

3

Description
self confidence encouraging skills
Timepoint
before , immidiately 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
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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