

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Compare Telenursing and multimedia on breastfeeding success in preterm infants after discharge

Protocol summary

Summary

Overall Objectives: Comparing the effect of distance education and multimedia education on the success of breastfeeding in preterm infants after discharge Type of research: randomized clinical trial Criteria for entering the study: A baby with a gestational age of 37-35 weeks who has a discharge order and the majority of his breastfeeding nutrition. The mother has literacy and reading skills and resides in Mashhad. Exit criteria during the study: The baby is dead. Sample size: 30 neonates in each intervention group. A total of 60 neonates. Primary intervention: In the first intervention group, the delivery of a multimedia educational CD will be delivered and a two-time phone call will be made and non-interactive to ensure that the CD is viewed every other week. For the second group of intervention, by telegram, up to three weeks after the discharge of the baby, three times a week will be taught in the evening (5-7 pm), and the educational videos in the multimedia will be placed in the telegram for the mothers and the mothers Any questions will be raised in the group and their answers will be given. Main measurable consequences: success in breastfeeding by the IBFAT and BEET tools

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2016081929418N1**
Registration date: **2017-08-02, 1396/05/11**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-08-02, 1396/05/11

Registrant information

Name

Mahvan Khodaparast

Name of organization / entity

North Khorasan Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 58 3222 5886

Email address

khodaparastm931@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Mashhad University of Medical Sciences

Expected recruitment start date

2016-06-21, 1395/04/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Compare Telenursing and multimedia on breastfeeding success in preterm infants after discharge

Public title

Telenursing and multimedia effects on breastfeeding success in preterm infants after discharge

Purpose

Supportive

Inclusion/Exclusion criteria

Neonatal Entry Criteria for Study: 1. Conscious consent of the parents to participate in the intervention. 2. The fetal age is 35-37 weeks. 3. The baby has an order for

discharge. 4. There is no congenital anomalies. 5- Most of the baby's feeding during discharge is breast milk. 6. There is no heart disease. 7. There is no confirmed metabolic disease. Exit criteria during the study: 1. Infant die. 2- Mother's desire to leave the study. Mothers Entry Criterion: 1- Ability to speak Persian language. 2- Resident of Mashhad city 3- Have read and write literacy. 4. Have a smartphone (with a telegram) (in the Telenursing group). 5. The mother does not have a medical prohibition for breastfeeding (HTLV1)

Age

From **1 day** old to **28 days** old

Gender

Both

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

Other

Other design features

Use the blocking method

Secondary Ids

1

Registry name

-

Secondary trial Id

-

Registration date

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Mashhad University of Medical Sciences and Health Services.

Street address

Ibn Sina-street intersection.

City

Mashhad

Postal code

9137913199

Approval date

2016-03-02, 1394/12/12

Ethics committee reference number

IR.MUMS.REC.1395.74

Health conditions studied

1

Description of health condition studied

Breast-feeding premature infants

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Successful Breastfeeding

Timepoint

28 days after the intervention

Method of measurement

BEET and IBFAT Tools

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Intervention group 2: Training through the telegram, and its final examination by the standard lactation success tool, including IBFAT and BEET, which is a table tool that is completed three weeks after the discharge.

Category

Other

2

Description

Intervention group 1: Multimedia education provided by the Ministry of Health and its final review by the standard lactation success tool, including IBFAT and BEET, which is a table tool that is completed three weeks after discharge. Intervention group 2: Training through the telegram, and its final examination by the standard lactation success tool, including IBFAT and BEET, which is a table tool that is completed three weeks after the discharge.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Ghaem Hospital.

Full name of responsible person

Ms. Parvini

Street address

Taqi Abad Square

City

mashhad

2

Recruitment center

Name of recruitment center

Imam Reza Hospital

Full name of responsible person

Ms.Mir

Street address

Ibn Sina Street

City

Mashhad

3

Recruitment center

Name of recruitment center

Ommol Banin Hospital

Full name of responsible person

MS.Asef

Street address

Ayatollah Bahjat Bahjat street corner 16

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Mashhad University of Medical Sciences

Full name of responsible person

Islami Saeed

Street address

Daneshgah Avenue

City

Mashhad

Grant name

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Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor for research 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 and Health Services.

Full name of responsible person

Tayebbeh Reyhani

Position

Master of nursing

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

Ibn Sina Street - School of Nursing Jorjani

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ReyhaniT@mums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences and Health Services

Full name of responsible person

Tayebbeh Reyhani

Position

Master of nursing

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

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13944-91388

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Fax

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Email

presidentoffice[at]mums.ac.ir

Web page address

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