Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

The effect of educational intervention based on health belief model on mothers' performance in the care of premature infants in Shahid Akbar Abadi Hospital in 1396

Protocol summary

Study aim
The aim of this study is to determine the effect of educational intervention based on health belief model on mothers' performance in the care of premature infants in Shahid Akbar Abadi Hospital in 1396

Design
In this study 40 mothers with premature infants less than 37 weeks old whose infants are admitted to the NICU section will be selected. It is a quasi-experimental (before - after) study. A unique code is given to each participant

Settings and conduct
The research environment will be in the Nicu hospital of Shahid Akbarabadi Hospital. During several sessions, we will train mothers of premature infants in various fields such as kangaroo care and primary care, sleep and throat, and temperature control. However, with the approach of the Health Belief Model and their performance We measur

Participants/Inclusion and exclusion criteria
Mothers whose babies have been admitted to the nicu of Shahid Akbar Abadi hospital with a birthday less than 37 weeks

Intervention groups
The intervention group has a premature infant below 37 weeks

Main outcome variables
Mother's performance

General information

Reason for update

Acronym
HBM

IRCT registration information
IRCT registration number: **IRCT20171224038031N1**
Registration date: **2018-01-21, 1396/11/01**
Registration timing: **registered_while_recruiting**

Last update: **2018-01-21, 1396/11/01**
Update count: **0**

Registration date
2018-01-21, 1396/11/01

Registrant information

Name
Parvaneh Vasli

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 21 8865 5366

Email address
p-vasli@sbmu.ac.ir

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-01-10, 1396/10/20

Expected recruitment end date
2018-05-10, 1397/02/20

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
The effect of educational intervention based on health belief model on mothers' performance in the care of premature infants in Shahid Akbar Abadi Hospital in 1396

Public title
The effect of health belief model on the performance of

mothers of premature infants

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Age over 17 years Reading and writing literacy The desire to participate in the study Neonatal: Birth before 37 weeks of pregnancy Birth in the investigated hospital Monochrome Breast milk from the mouth

Exclusion criteria:

Having a mental or physical problem Neonate: Congenital disorder

Age

From **17 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

More than 1 sample in each individual

Number of samples in each individual: **1**

Mothers whose babies were born less than 37 weeks and were admitted to nicu

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

1

Registry name

دانشگاه علوم پزشکی شهید بهشتی

Secondary trial Id

ir.sbmu.phnm.1395.641

Registration date

2017-03-07, 1395/12/17

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Shahid Beheshti University of Medical Sciences

Street address

Faculty of Nursing and Midwifery, Shahid Beheshti Faculty, Faculty of Medicine, Shahid Rajai Hospital, Vali Asr Ave

City

Tehran

Province

Tehran

Postal code

1985717443

Approval date

2017-03-07, 1395/12/17

Ethics committee reference number

IR.SBMU.PHNM.1395.641

Health conditions studied

1

Description of health condition studied

The Effect of Health Belief Model on Mothers' Performance

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Health Belief Model Questionnaire

Timepoint

Measurement of health belief model constructs before intervention, immediately after intervention, one month after intervention

Method of measurement

Health Belief Model Structures Questionnaire and Mothers' Performance Questionnaire

Secondary outcomes

1

Description

Mother's performance score

Timepoint

Before the intervention, immediately after intervention, one month after the intervention

Method of measurement

Performance questionnaire

Intervention groups

1

Description

Intervention group: The mothers of premature infants are under 37 weeks. Intervention based on health belief model constructs with the goal of improving the mothers' performance.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center
Shahid Akbarabadi Hospital

Full name of responsible person
parvaneh vasli

Street address
Faculty of Nursing and Midwifery, Shahid Beheshti Faculty, Faculty of Medicine, Shahid Rajai Hospital, Vali Asr Ave.

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parvanehvasli@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shahid Beheshti University of Medical Sciences

Full name of responsible person
Afshin Zarghi

Street address
University headquarters, next to Ayatollah Taleghani Hospital, Evin, Shahid Chamran Highway

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Web page address
https://retech.sbmu.ac.ir

Grant name
Funding from a special Grant is not used

Grant code / Reference number
از گرانت استفاده نشده است

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

Title of funding source
Shahid beheshti University of Medical Sciences

Proportion provided by this source
100

Public or private sector
Public

Domestic or foreign origin
Domestic

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Shahid Beheshti University of Medical Sciences

Full name of responsible person
parvaneh vasli

Position
Assistant Professor

Latest degree
Ph.D.

Other areas of specialty/work
Nursery

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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)
Undecided - It is not yet known if there will be a plan to make this available
Study Protocol
Undecided - It is not yet known if there will be a plan to make this available
Statistical Analysis Plan
Undecided - It is not yet known if there will be a plan to make this available
Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available
Clinical Study Report
Undecided - It is not yet known if there will be a plan to make this available
Analytic Code
Undecided - It is not yet known if there will be a plan to make this available
Data Dictionary
Undecided - It is not yet known if there will be a plan to make this available