Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Effect of a virtual based supportive education program on neonates' maternal satisfaction and self-efficacy in the Neonatal Intensive Care Units

Protocol summary

Summary

Aims:The purpose of this study was to evaluate the effect of education based on virtual space on the efficacy and the satisfaction of the mothers of hospitalized babies at the neonatal intensive care units.Design:This research was a quasi-experimental study with the experimental and control groups.Eligibility criteria of the participants:numbers are of 68 mothers with preterm infants who hospitalized at the level of 2 and 3 of neonatal intensive care units at Valiasr and Arash Tehran hospitals that have been chosen by voluntarily sampling method and were divided into two experimental and control groups.Implementation method: Barnes' self efficacy and Pridham's satisfaction were performed in two pretest and post test steps(10 days after the pre-test)in both groups.Intervention :The experimental group who trained by the researcher was built on the site and should utilize the site at least 3 times during ten days and mention their inquiries thought the site's forum.The training with regards to problems as well as the caring method of prematurity have been mentioned in the form of Film,Podcast,Power Point as well as PDF files through the site.outcome:The education on self-efficacy and satisfaction will be enough effective or not?

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015020720987N1**
Registration date: **2015-09-07, 1394/06/16**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-09-07, 1394/06/16

Registrant information

Name
Tahereh Mokhlesabadi Farahani
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School of Nursing and Midwifery, Tehran University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

Nursing and Midwifery, University of Tehran

Expected recruitment start date

2014-11-22, 1393/09/01

Expected recruitment end date

2015-06-22, 1394/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of a virtual based supportive education program on neonates' maternal satisfaction and self-efficacy in the Neonatal Intensive Care Units

Public title

Virtual space effect on self-efficacy and satisfaction

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria : Mother's education should be at least

in high school level ; Mother is familiar to the Internet .It means,they can enter its media through a computer or mobile phone and use its information as well:mother does not utilize Anti-anxiety drugs or have addiction and acute physical and mental known illness: Mother should be Persian and participate in research :baby criteria:Baby has no major abnormality :Baby shouldn't be very ill.Babies are under 37 pregnant week. Absence of sharp medical difficulties which threatening the survival of newborn .Exclusion criteria:The death of hospitalized infant or one of his/her high loved notch during the study,mother resignation of usage of website if she uses the site less than 3 times during 10 days.

Age
No age limit
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **68**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Tehran University of Medical Sciences and Health Services (Research Center)
Street address
the sixth floor of the university, at the corner of the streets Quds, Keshavarz Boulevard, Tehran,
City
Tehran
Postal code
Approval date
2014-06-29, 1393/04/08
Ethics committee reference number
774/130/93/ɔ

Health conditions studied

1

Description of health condition studied
Premature baby
ICD-10 code
P07.3
ICD-10 code description
28 completed weeks or more but less than 37 completed weeks (196 completed days but less than 259 completed days) of gestation.

Primary outcomes

1

Description
Parental self-efficacy
Timepoint
Before the intervention and Ten days after the intervention.
Method of measurement
(The Perceived Maternal Parenting Self-efficacy Questionnaire of Barnes

2

Description
Parentral satisfaction
Timepoint
Before the intervention, Ten days after the intervention.
Method of measurement
What Being The Parent of a Baby is Like? Pridham

Secondary outcomes

1

Description
Increased information of mothers about how to take care of premature infants
Timepoint
During ten days of intervention
Method of measurement
Questions and Answers Online in website researcher made

Intervention groups

1

Description
Intervention group: Education how to take care of premature infants in the intervention group and through the website (e-Learning) and follow-up was conducted by mail and online questions and answers.
Category
Other

2

Description
Control group:They used of routine education in ward.

Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Valiasr Hospital
Full name of responsible person
Tahereh Mokhlesabadi Farahani
Street address
Valiasr Hospital; - Keshavarz Boulevard; Tehran.
City
Karaj

2

Recruitment center
Name of recruitment center
Arash Comprehensive Women's Hospital
Full name of responsible person
Tahereh Mokhlesabadi Farahani
Street address
Next to the police station 126; Baghdarnya Avenue; ,Fargam street, Second Square Tehranpars; Tehran
City
Karaj

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research of Tehran University of Medical Sciences Chancellor for Vice
Full name of responsible person
Dr Ziba Taghizadeh
Street address
School of Nursing and Midwifery,Nosrat West Street, Tehran University of Medical Sciences, Tehran
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research of Tehran University of Medical Sciences Chancellor for Vice
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
Faculty of Nursing and Midwifery, Tehran
Full name of responsible person
Tahereh Mokhlesabadi Farahani
Position
Master of Neonatal Intensive Care Nursing
Other areas of specialty/work
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Faculty of Nursing and Midwifery, Nosrat Eastern Avenue, Towhid Square, Tehran
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Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Faculty of Medicine Tehran University of Medical Sciences
Full name of responsible person
Dr.Malihe Kadivar
Position
Neonatologist
Other areas of specialty/work
Street address
Tehran Children Medical Center NICU ward, Nosrat Western Avenue, Tehran.
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Person responsible for updating data

Contact
Name of organization / entity
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Tahereh Mokhlesabadi Farahani
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Master of Neonatal Intensive Care Nursing

Other areas of specialty/work

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Web page address

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