

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 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

Name of organization / entity

School of Nursing and Midwifery, Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 9802634479603

Email address

t-mfarahani@razi.tums.ac.ir

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

774/130/93/5

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

Parental 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

Type of organization providing the funding

empty

Recruitment centers1**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 addressNext to the police station 126; Baghdarnya Avenue;
,Fargam street, Second Square Tehranpars; Tehran**City**

Karaj

Sponsors / Funding sources1**Sponsor****Name of organization / entity**Research of Tehran University of Medical Sciences
Chancellor for Vice**Full name of responsible person**

Dr Ziba Taghizadeh

Street addressSchool 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 sourceResearch 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**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**Street address**Faculty of Nursing and Midwifery, Nosrat Eastern
Avenue, Towhid Square, Tehran**City**

Tehran

Postal code**Phone**

+98 26 3447 9603

Fax**Email**tm.farahani59@gmail.com; t-
mfarahani@razi.tums.ac.ir**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.**City**

Tehran

Postal code**Phone**

+98 21 61479

Fax**Email**

kadivarm@tums.ac.ir

Web page address**Person responsible for updating data****Contact****Name of organization / entity**School of Nursing and Midwifery, Tehran University of
Medical Sciences**Full name of responsible person**

Tahereh Mokhlesabadi Farahani

Position

Master of Neonatal Intensive Care Nursing

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

School of Nursing and Midwifery, Tehran University of
Medical Sciences, Nosrat West Avenue, Tehran

City

Tehran

Postal code**Phone**

+98 26 3447 9603

Fax**Email**

t-mfarahani@razi.tums.ac.ir;

tm.farahani59@gmail.com

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