Clinical Trial Protocol
Iranian Registry of Clinical Trials

04 Jul 2026

Assessing the implementation of discharge planning on hope and satisfaction of mothers of premature infants in neonatal intensive care unit

Protocol summary

Summary

Method: This is a quasi experimental study. The sample is 110 mothers of premature infants between 36-32 weeks in intensive care unit of Afzalipour Kerman hospital.Fifty five mothers will be in the experimental and 55 will be in the control group. Mothers are randomly assigned into the two groups.Discharge planning will be performed for experimental group but no intervention will be performed in the control group. Both groups will complete satisfaction and hope questionnaires before and after intervention. Data will collected using questionnaires including: 1) Demographic questionnaire, 2) Parental satisfaction questionnaire, 3) Hope Miller questionnaire (MHQ).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017090619862N5**
Registration date: **2017-11-12, 1396/08/21**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-11-12, 1396/08/21

Registrant information

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Sakine Sabzevari
Name of organization / entity
Kerman University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

Investigator

Expected recruitment start date

2017-09-30, 1396/07/08

Expected recruitment end date

2018-01-31, 1396/11/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the implementation of discharge planning on hope and satisfaction of mothers of premature infants in neonatal intensive care unit

Public title

Assessing the effect of discharge planning program on hope and satisfaction of premature infants' mothers.

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Physical and mental readiness for cooperation, literacy, sufficient understanding to receive the training. Exclusion criteria:Mental retardation in mother,abnormalities and diseases in infant.

Age

From **15 years** old to **45 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **110**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

The mothers who have entered the study, according Parallel based on even and odd days of the week will randomly assign into two experimental and control groups. They will complete satisfaction and Miller Hope Scale (MHS) questionnaires. The discharge planning will implement for the experimental group and they will receive package of discharge planning. Both groups will complete questionnaires on the day of discharge. The subjects in the control group will not have any intervention, and will receive only routine training in the ward.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Kerman University of Medical Sciences

Street address

Vice chancellor for reserch, Tahmasb abad four way

City

Kerman

Postal code

76177

Approval date

2016-11-21, 1395/09/01

Ethics committee reference number

Ir.Kmu.REC.1395.262

Health conditions studied

1

Description of health condition studied

Mothers'hope and satisfaction

ICD-10 code

Z80-Z99

ICD-10 code description

Pregnancy, childbirth and the puerperium

Primary outcomes

1

Description

Hope and satisafation

Timepoint

Before and after intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Experimental group: First, the questionnaire is completed by the mothers. For the intervention group, that will be done on even days each session will be delivered an hour, with practical instruction and speeches, questions and answers, instructional booklets and film. The educational package includes nutritional care, infection prevention and management, assessment of hyperbilirubinemia, body temperature regulation, and symptoms (home disease detection and criteria for referral to the doctor) vaccination, follow-up auditory and eye examinations, bathing instructions, prevention of childhood violence, infant syndrome and dermatitis. The first training session on the discharge plan, which includes lactation training and prevention of hypothermia, bathing and care for the genital area, eyes and umbilical cord, is the first two days of admission and the second training session, which includes training on the use of newborns in the home. It will be held two days before discharge. In the interval between the two sessions booklet on recognizing the symptoms of the disease and immunity of the baby, follow up vaccination and screening will be given to the mothers of the test group. The discharge day, the Satisfaction and Hope Miller questionnaire will be distributed in two groups.

Category

Other

2

Description

Control group: routine intervention in ward

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Afzalipoor Hospital

Full name of responsible person

Zahra Akhondzadeh

Street address

City

Kerman

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kerman University Of Medical Sciences

Full name of responsible person

Zahra Akhondzadeh

Street address

Afzalipoor Hospital

City

Kerman

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kerman 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

Kerman University of Medical Sciences

Full name of responsible person

Dr Sakineh Sabzevari

Position

Phd of nursng education/Assisstant professor

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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