

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

The effect of a virtual network-based education on knowledge, attitude and behavior to avoid exposure to smoking in women with infants admitted to the neonatal intensive care unit

Protocol summary

Study aim

Comparison of maternal attitude and knowledge about smoke exposure in two groups

Design

Clinical practice with a control and eye control group, randomized

Settings and conduct

A quasi-experimental study with the control group and the control group on the effect of virtual network education on the knowledge, attitude and behavior of smoking cessation exposure in mothers with infants admitted to the neonatal intensive care unit in hospitals affiliated to the University of Medical Sciences Mashhad is done without blindness with a questionnaire. First, before the intervention, pre-test, then one-month follow-up and follow-up. The questionnaires will be completed during these stages. Samples will be selected in two groups. Samples will be sequentially selected according to the entry criteria.

Participants/Inclusion and exclusion criteria

1-The mother can read and write 2-The mother has no drug addiction 3-The mother has no history of acute or chronic physical or mental illness 4-was one of the first cousins in the family 5-Understanding how to use a virtual network 6-Mother would have a cell phone 7-The infant has no maternal defect in the nervous system 8-cancel of the specimens from continuing the company in the study 9-No feedback to the messages sent to the researcher at least one week during the study 10-Mobile phone failures

Intervention groups

Investigating the effect of virtual network education on the knowledge, attitude and behavior of avoiding exposure to cigarette smoke in the mothers of infants admitted by using a questionnaire which was first pre-test, post-test and follow-up one month The control and the control group are carried out

Main outcome variables

The effect of training through virtual network on increasing the knowledge, attitude, and avoidance behavior of second smoke exposure in mothers with newborns admitted to neonatal intensive care unit

General information

Reason for update

Acronym

SC1-DNSES-DSCB-OA

IRCT registration information

IRCT registration number: **IRCT20181105041556N1**

Registration date: **2018-12-11, 1397/09/20**

Registration timing: **registered_while_recruiting**

Last update: **2018-12-11, 1397/09/20**

Update count: **0**

Registration date

2018-12-11, 1397/09/20

Registrant information

Name

Raziyeh Mazroei

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 3266 4468

Email address

mazroei1@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-12-01, 1397/09/10

Expected recruitment end date

2019-01-30, 1397/11/10
Actual recruitment start date
 2018-12-01, 1397/09/10
Actual recruitment end date
 2019-01-30, 1397/11/10
Trial completion date
 2019-01-30, 1397/11/10

Scientific title
 The effect of a virtual network-based education on knowledge, attitude and behavior to avoid exposure to smoking in women with infants admitted to the neonatal intensive care unit

Public title
 education on knowledge, attitude and behavior to avoid exposure to smoking

Purpose
 Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
 Reading and writing mother Lack of mother addiction No history of acute or chronic physical and mental illnesses known in the mother was one of the first cousins in the family Understanding how to use a virtual network Absence of maternal abnormalities and neonatal diseases
Exclusion criteria:
 cancel of the specimens from continuing the company in the study No feedback to the messages sent to the researcher Mobile phone failures

Age
 No age limit

Gender
 Female

Phase
 N/A

Groups that have been masked
No information

Sample size
 Target sample size: **60**
 Actual sample size reached: **60**

Randomization (investigator's opinion)
 Not 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 Iran University of Medical Sciences
Street address
 Valiasr Ave., Rashid Yasemi St., Faculty of Nursing, Iran
City
 Tehran
Province
 Tehran
Postal code
 9357131131
Approval date
 2018-11-14, 1397/08/23
Ethics committee reference number
 IR.IUMS.REC.1397.351

Health conditions studied

1
Description of health condition studied
 The effect of virtual education on the knowledge of mothers with hospitalized neonates
ICD-10 code
ICD-10 code description

Primary outcomes

1
Description
 The impact of virtual education on the knowledge of mothers
Timepoint
 The effect of virtual education on the knowledge and attitude of mothers with hospitalized infants in the experimental group and the control group using a questionnaire, which was performed before the intervention, pre-test, then one-month follow-up and follow-up
Method of measurement
 Kurtz questionnaire

Secondary outcomes

empty

Intervention groups

1
Description
 In the intervention group, pre-intervention, pre-test, post-test and one-month follow-up. intervention group, the educational program was written in the form of written attachments A related picture of the effects of cigarette smoke is sending an educational content for four weeks each day.

Category

N/A

2**Description**

Control group: there is no intervention for control group.

Category

N/A

Recruitment centers1**Recruitment center****Name of recruitment center**

Mashhad Imam Reza Hospital

Full name of responsible person

Razih Mazrooyi

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Sponsors / Funding sources1**Sponsor****Name of organization / entity**

Iran University of Medical Sciences

Full name of responsible person

Dr. Kazem Malekoti

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Tehran, Hemat Highway next to Milad Tower

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eb317601e039c

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Iran 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**

Iran University of Medical Sciences

Full name of responsible person

Razih Mazrooyi

Position

student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Person responsible for updating data

Contact
Name of organization / entity
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Full name of responsible person
Raziyeh Mazroei
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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
Not applicable
Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available
Clinical Study Report
Not applicable
Analytic Code
Not applicable
Data Dictionary
Not applicable