

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 Jul 2026

Investigating the effect of digital storytelling of peer birth experiences on the type and perception of childbirth in primiparous women

Protocol summary

Study aim

1- Investigation and comparison birth type in control and study group after intervention 2- Investigation and comparison perception of child birth in control and study group after intervention

Design

clinical trial with intervention and control group. a parallel group design of 130 people.

Settings and conduct

clinical trial study with control and intervention group in 4 general health center, Yaftabad, Sina, Saadatabad, Janatabad on 130 pregnant women. intervention group in 32th week of pregnancy receive a peer experience story video and continue 5 weeks. control group receive a nutrition in pregnancy video.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Have minimum 32 gestational age; Pregnant mother has 18 to 32 years old; Have ability to read and write; Accessibility to network for receiving videos; Exclusion criteria: High-risk pregnancy (for example menorrhagia in pregnancy, gestational; diabetes, preeclampsia, hypertension...); Addiction in pregnant; History of infertility; Contraindication of vaginal birth

Intervention groups

Use peer birth experience story in study group and teaching nutrition videos for control group

Main outcome variables

Perception of childbirth; Type of delivery

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180427039436N11**

Registration date: **2021-08-09, 1400/05/18**

Registration timing: **prospective**

Last update: **2021-08-09, 1400/05/18**

Update count: **0**

Registration date

2021-08-09, 1400/05/18

Registrant information

Name

Leila Amiri Farahani

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 4365 1139

Email address

l.amirifarahani@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-10-23, 1400/08/01

Expected recruitment end date

2022-06-21, 1401/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of digital storytelling of peer birth experiences on the type and perception of childbirth in primiparous women

Public title

Investigating the effect of digital storytelling of peer birth experiences on the type and perception of childbirth in primiparous women

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:

Have minimum 32 gestational age Single fetus
pregnancy Pregnant mother has 18 to 35 years old Have
ability to read and write Accessibility to network for
receiving video

Exclusion criteria:

High-risk pregnancy (for example menorrhagia in
pregnancy, gestational diabetes, preeclampsia,
hypertension..) Addiction in pregnant person History of
infertility Contraindication of vaginal birth

Age

From **18 years** old to **35 years** old

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **130**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Use of peer birth experience in digital videos to effect on
perception of child birth in primiparous women

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

کمیته اخلاق دانشگاه علوم پزشکی ایران

Street address

Tehran, Valiassr ave, Rashid yasami Ave, infront of
khatamol anbiaa hospital

City

Tehran

Province

Tehran

Postal code

1981111198

Approval date

2021-07-18, 1400/04/27

Ethics committee reference number

IR.IUMS.REC.1400.353

Health conditions studied

1

Description of health condition studied

Investigating the effect of digital storytelling of peer birth
experiences on the type and perception of childbirth in
primiparous women

ICD-10 code

O80.0

ICD-10 code description

Spontaneous vertex delivery

Primary outcomes

1

Description

Perception of childbirth

Timepoint

7 to 21 days after delivery

Method of measurement

Perception of childbirth Questionnaire

2

Description

Type of delivery

Timepoint

After delivery

Method of measurement

Telephone question

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Story video During the 32nd to 36th
week of pregnancy, a video is sent to the study group on
the virtual network (Skype) every week. People in the
test group are advised to watch the submitted video at
least twice a week. At the end of each week, in a group
created, the study group on Skype is asked to share the
message received from the video with other women.

Category

N/A

2

Description

Control group: The video of nutrition training during
pregnancy, 32 to 36 weeks of pregnancy will be sent to
the control group in the virtual network (Skype).

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shaghayegh Comprehensive Health Service Center

Full name of responsible person

Zahra Mahdavi

Street address

Janatabad Markazi, above Besat Boulevard, Asgari Alley, No. 6, 4th floor, Unit 7

City

Tehran

Province

Tehran

Postal code

1853934179

Phone

+98 21 4604 3796

Email

zahra.mahddavii1997@gmail.com

2

Recruitment center

Name of recruitment center

Saadat Abad Comprehensive Health Service Center

Full name of responsible person

Zahra mahdavi

Street address

The end of 24 meters of Saadat Abad Boulevard, Evin Street, next to the Prisons Cooperative

City

Tehran

Province

Tehran

Postal code

1853934179

Phone

+98 21 2211 5750

Email

zahra.mahddavii1997@gmail.com

3

Recruitment center

Name of recruitment center

Yaftabad Comprehensive Health Service Center

Full name of responsible person

Zahra Mahdavi

Street address

Moallem Square, Al-Ghadir Square, Shahid Zandieh St., Shahid Mostafa Hashemi St., next to Bank Saderat

City

Tehran

Province

Tehran

Postal code

1377717651

Phone

+98 21 6681 3076

Email

zahra.mahddavii1997@gmail.com

4

Recruitment center

Name of recruitment center

Sina Comprehensive Health Service Center

Full name of responsible person

Zahra Mahdavi

Street address

Persian Gulf Street, Beheshti Street, corner of Mehr Alley, No. 12

City

Tehran

Province

Tehran

Postal code

1377717651

Phone

+98 21 6626 4152

Email

zahra.mahddavii1997@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Abbas Motevalian

Street address

Shahid hemat highway, direction2

City

Tehran

Province

Tehran

Postal code

1981111198

Phone

+98 11 3943 6521

Email

L.amirifarahani@gmail.com

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

+98 11 3943 6521

Email

L.amirifarahani@gmail.com

Person responsible for general inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Leila amirifarahani

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Reproductive Health

Street address

Valiaasr ave, Rashid yasami Ave. infront of Khatamol
anbiaa hospital

City

Tehran

Province

Tehran

Postal code

1996713883

Phone

+98 11 3943 6521

Email

L.amirifarahani@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Leila amirifarahani

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Reproductive Health

Street address

Valiaasr ave, Rashid yasami Ave, infront of khatamol
anbiaa hospital

City

Tehran

Province

Tehran

Postal code

1996713883

Phone

Person responsible for updating data

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Leila amirifarahani

Position

associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Reproductive Health

Street address

Valiaasr ave, Rashid yasami Ave. infront of Khatamol
anbiaa hospital

City

tehran

Province

Tehran

Postal code

1996713883

Phone

+98 11 3943 6521

Email

L.amirifarahani@gmail.com

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