

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Clinical trial of effect of acupressure on correction of breech presentation

Protocol summary

Summary

The present study is a multi center randomized clinical trial designed to investigate the effect of acupressure on correction of Breech presentation. The research samples were randomly selected from primigravida mothers or with history of normal vaginal delivery, which at the gestational age of 32 to 35 weeks, their embryos presentation have reported in sonography, breech presentation, randomly are placed into two groups of intervention and control (There are 138 people in each group). Acupressure is performed in interventoin group on the BL67 spot on a daily basis for 20 minutes (10 minutes on each leg). Each intervention period consists of 10 seconds of pressure and 2 seconds of rest, respectively. The control group only receives routine pregnancy care. All research samples are requested to go to doing sonography for 2 weeks later.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017093012198N5**

Registration date: **2017-10-31, 1396/08/09**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-10-31, 1396/08/09

Registrant information

Name

Mahdieh Kiani

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 17 3327 3594

Email address

kiani_m@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahroud University of Medical Sciences

Expected recruitment start date

2017-06-22, 1396/04/01

Expected recruitment end date

2018-06-22, 1397/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial of effect of acupressure on correction of breech presentation

Public title

Effect of acupressure on breech presentation

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Primi gravida women and pregnant women with a history of normal vaginal delivery, age: 20-40 years, gestational age: 32 to 35 weeks based on the first sonography or the first day of the last menstrual period, proof of Breech presentation with sonography confirmation, single pregnancy and lack of prior experience in the use of acupressure. Exclusion criteria: Pelvic defects, previous uterine surgery, uterine abnormalities, uterine fibroma with a diameter of more than 4 cm, presence of fetal abnormalities, twin pregnancy, high risk pregnancy such as intrauterine growth retardation, placenta previa, polyhydramnios, oligohydramnios and ensure that the intervention is not correctly performed by the samples or is not continuous.

Age

From **20 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **138**

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

Shahroud University of Medical Sciences

Street address

Shahroud, 7 Tir Square, Shahroud University of
Medical Sciences

City

Shahroud

Postal code

00

Approval date

2016-12-21, 1395/10/01

Ethics committee reference number

IR.SHMU.REC.1396.38

Health conditions studied

1

Description of health condition studied

Breech presentation

ICD-10 code

032.1

ICD-10 code description

Maternal care for breech presentation

Primary outcomes

1

Description

Change of breech presentation

Timepoint

Two weeks later

Method of measurement

Sonography of embryo

Secondary outcomes

1

Description

Newborn weight

Timepoint

Delivery time

Method of measurement

Weighing scale

Intervention groups

1

Description

In the intervention group, on the first day of the study, after completing a researcher-made questionnaire; Acupressure is performed on the BL67 spot (located on the outer corner of the small toe nail). The intervention is performed on a daily basis for 20 minutes (10 minutes on each leg) at the time specified by the researcher. Each intervention period includes 10 seconds of pressure and 2 seconds of rest. All research samples are requested to go to doing sonography for 2 weeks later.

Category

Other

2

Description

In the control group, the research samples completed the researcher-made questionnaire on the first day of the study and after that they only receive routine pregnancy care and all research samples are requested to go to doing sonography for 2 weeks later.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Clinic of Bahar Hospital

Full name of responsible person

Sedigheh Moghani

Street address

Shahroud, 22 Bahman Avenue, Bahar Hospital

City

Shahroud

2

Recruitment center

Name of recruitment center

Private office of Dr Kolahdoozan
Full name of responsible person
Dr Sakineh Kolahdoozan
Street address
Shahrood, 22 Bahman Avenue, The Shafa Building of Physicians
City
Shahrood

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shahrood University of Medical Sciences
Full name of responsible person
Dr Mohammad Hasan Emamian
Street address
shahrood, 7 tir Square, research deputy
City
Shahrood

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahrood 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
Shahrood University of Medical Sciences
Full name of responsible person
Mahdieh Kiani
Position
Faculty of member
Other areas of specialty/work
Street address
Shahrood, 7 Tir Square, Shahrood University of Medical Sciences, School of nursing and Midwifery
City
Shahrood
Postal code
00
Phone
+98 23 3239 5054
Fax
00

Email

kiani.m89@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Shahrood University of Medical Sciences
Full name of responsible person
Azam Hamidzadeh
Position
MSc of Midwifery
Other areas of specialty/work
Street address
Shahrood, 7 Tir square, Shahrood University of Medical Sciences, School of Nursing and Midwifery
City
Shahrood
Postal code
00
Phone
+98 23 3239 5054
Fax
00
Email
azam_hamidzadeh@gmail.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Shahrood University of Medical Sciences
Full name of responsible person
Mahdieh Kiani
Position
Faculty of member
Other areas of specialty/work
Street address
Shahrood, 7 Tir square, Shahrood University of Medical Sciences, School of nursing and Midwifery
City
Shahrood
Postal code
00
Phone
+98 23 3239 5054
Fax
Email
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