

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jun 2026

Comparison of Effect Acupressure Yongquan point(KI-1) with Hugo point(LI-4) on Severity of Labor pain and outcome of Delivery in Primiparous women

Protocol summary

Summary

The purpose of study and study design:: Comparison of Effect Acupressure Yongquan point(KI-1) with Hugo point(LI-4) on Severity of Labor pain and outcome of Delivery in Primiparous women -random-not blinded-placebo not used.The study of population:primiparous women with single fetus,gestational age between 37-40weeks,cephalic presentation.2.active phase(3-4)cm3.no high risk pregnancy(preeclampsia,deceleration fetus activity.dead fetus,polyhydramnios.oligohydramnios,rupture of membrane over than 12 hours,infertility history).5.no skin diseases(exema).6.no use of anesthesia.exclusion criteria:1.oxytocin induction.2.no normal heart rate that need to cesarean section.3.problem in labor(cord prolapse...4.lack of willingness to continue in every phase.5.need to cesarean section.sample:58 eligible participants was selected from the population and randomly divided into 3 equal groups of 26(yongquan acupressure,hugo acupressure and control group).intervention:using acupressure simultaneously at the beginning of the dilations of the uterus contraction-control group(not intervention)-completion of the questionnaires:before of the intervention,immediately,30minute after,60minute after intervention in both group.study outcome:The Effect Acupressure (Yongquan point(KI-1) with Hugo point(LI-4)) on Severity of Labor pain and outcome of Delivery(duration of labor,perineum laceration,episiotomy and neonate apgar) in Primiparous women.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013120315643N1**

Registration date: **2014-01-07, 1392/10/17**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-01-07, 1392/10/17

Registrant information

Name

Nasim Partash

Name of organization / entity

Shiraz University of Medical Sciences

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Phone

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Recruitment status

Recruitment complete

Funding source

Shiraz University Of Medical Sciences

Expected recruitment start date

2013-07-21, 1392/04/30

Expected recruitment end date

2013-10-22, 1392/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of Effect Acupressure Yongquan point(KI-1) with Hugo point(LI-4) on Severity of Labor pain and

outcome of Delivery in Primiparous women

Public title

Effect Of Acupressure On Delivery

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criteria:primiparous women with single fetus,gestatioanal age between 37-40weeks,cephallic presentation:active phase(3-4)cm:no chronic illness(heart disses,blood pressure and diabetes):no high risk pregnancy(preeclampsia,deceleration fetus activity.dead fetus,polyhydraminiuous.oligohydraminiuous,rubture of membarne over than 12 hours,infertility history):no skin disses(exema):no use of anesthesia.exclusion criteria:oxtocin induction:no normal heart rate that need to cesarean cection:problem in labor(cord prolapse...:lack of willingness to continue in every phase:areest need to cesarean cection.

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 78

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

shiraz university of medical sciences

Street address

7th flat,central department of shiraz oaf medical science,zand steet, shiraz.

City

shiraz

Postal code

7193613119

Approval date

2013-07-16, 1392/04/25

Ethics committee reference number

ct-92-6612

Health conditions studied

1

Description of health condition studied

Severity of labor pain and Outcome of Delivery

ICD-10 code

O80-O84

ICD-10 code description

Delivery

Primary outcomes

1

Description

severity of labor pain

Timepoint

prior,immedietly,30minutes and 60minutes after intervention

Method of measurement

Visual Anlog Sscale

Secondary outcomes

1

Description

duration of first and second stage of labor,episiatomy,perineum lacerationand neonate apgar

Timepoint

after the intervention

Method of measurement

quastionrie

Intervention groups

1

Description

intervention group Hogo:using acupressure simultaneouslyin 4-3,8-7and second stage of labor at the begining of the dilation of the uterin contraction for 10 minutes

Category

Prevention

2

Description

intervention group Yongquan:using acupressure simultaneously in 4-3,8-7 cm and second stage of labor at the begining of the dilation of the uterin contraction for 10 minutes

Category

Prevention

3

Description

without intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Hafez hospital

Full name of responsible person

Nasim Partash

Street address

Abiverdi street, Shiraz

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for Research, Shiraz University Of
Medical Science

Full name of responsible person

Dr. Gholam Reza Hatam

Street address

7th Flat, Central department of Shiraz University Of
Medical Science, Zand Street, Shiraz

City

Shiraz

Grant name

Grant code / Reference number

ct-92-6612

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

Yes

Title of funding source

Vice chancellor for Research, Shiraz University Of Medical
Science

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

Fatemeh Ciege of Nursing And Midwifery

Full name of responsible person

Maasumeh Kaviani

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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