Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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 studt 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,gestatioanal age between 37-40weeks,cephallic presentation.2.active phase(3-4)cm3.no high risk pregnancy(preeclampsia,deceleration fetus activity.dead fetus,polyhydraminious.oligohydraminious,rubture of membarne over than 12 hours,infertility history).5.no skin disses(exema).6.no use of anestesia.exclusion criteria:1.oxytocin induction.2.no normal heart rate that need to cesarean cection.3.problem in labor(cord prolapse...4.lack of willingness to continue in every phase.5.areest need to cesarean cection.sample:58 eligible participants waz selected from the population and randomly divided into3 equal groups of26(yongquan acupressue,hugo acupressure and control group).intervention:using acupressure simulataneously at the begining of the dilations of the uterus contraction-control group(not intervention)-completion of the questionnaires:before of the intervention,immedietly,30minute afte,60minute after interventionin in both group.study outcome:The Effect Acupressure (Yongquan point(KI-1) with Hugo point(LI-4)) on Severity of Laborpain and outcome of Delivery(duration of labor,perineum laceration,episiatomy 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

Country

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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,polyhydraminious.oligohydraminious,rubture of membarne over than 12 hours,infertility history)؛no skin disses(exema)؛no use of anesthesia.exclusion criteria:oxytocin 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 Sccale

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
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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
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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