Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Comparison of BL32 and GB21 points acupressure effect with P6 point acupressure on decrease of labor pain in first stage of labor in parturant women

Protocol summary

Summary

Aim : The aim of the study is Comparison the effect of BL32 and GB21 points acupressure with P6 point acupressure on labor pain in first stage of labor in parturant women. Material and Methods: In a single blind clinical trial samples will select from nuliparus, singleton, vertex pregnant women refer to Arak Taleghani Hospital for delivery and do not have any med surge disease or obstetrical complications and agree to participate in the study. Samples will randomly divide into 2 groups including 65 persons in each group. Intervention group is received BL32 and GB21 points acupressure and control group is received placebo p6 point acupressure with cupping method for one minute in the start of every contraction in the first stage of labor with 3-4 cm cervical dilatation. Samples will blind about allocating in intervention or control group. Pain severity will measure using VAS tool before and after intervention in each contraction.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201206079965N1**
Registration date: **2012-07-01, 1391/04/11**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-07-01, 1391/04/11

Registrant information

Name

Nafiseh Seyyedzadeh Aghdam

Name of organization / entity

Arak University of Medical Science

Country

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Science

Expected recruitment start date

2005-01-01, 1383/10/12

Expected recruitment end date

2005-09-03, 1384/06/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of BL32 and GB21 points acupressure effect with P6 point acupressure on decrease of labor pain in first stage of labor in parturant women

Public title

acupressure effect on the labor pain

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria; nulliparous ; singleton ; vertex; parturant women ;first stage of labor; 3-4 cm dilatation; Exclusion criteria: medical and surgical disorders; obstetrical complications; they don,t like participant in study;

Age

From **15 years** old to **45 years** old

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **130**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Arak University of Medical Science

Street address
Arak University of Medical Science, Sardasht, Arak

City
Arak

Postal code
38481-76941

Approval date
2004-09-22, 1383/07/01

Ethics committee reference number
120

Health conditions studied

1

Description of health condition studied
labor pain

ICD-10 code
O80.0

ICD-10 code description
Spontaneous vertex delivery

2

Description of health condition studied
labor pain

ICD-10 code
Z37.0

ICD-10 code description
Single live birth

3

Description of health condition studied
labor pain

ICD-10 code
Z38.0

ICD-10 code description
Singleton born in hospital

Primary outcomes

1

Description
labor pain

Timepoint
before and after intervention in every contraction

Method of measurement
with use of VAS

Secondary outcomes

empty

Intervention groups

1

Description
In contol group that are parturant women with 3-4 cm dilatation in start of every contaction , pain severity by use of VAS tool is measured then P6 point acupressure is performed for one minute and then pain severity by use of VAS tool is measured again. The samples are blinded about intervention and control group.

Category
Other

2

Description
In ntrvention group samples that are parturant women with 3-4 cm dilatation ,in start of every contaction first pain severity is measured by VAS tool and then BL32 and GB21 points acupressure is performed with use of cupping method for one minute and pain severity is measured by VAS tool again. The samples are blinded about inter vention g or control group s.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Taleghani Hospital

Full name of responsible person
Nafise Seyyedzadeh Aghdam

Street address

City

Arak

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Arak University of Medical Science
Full name of responsible person
Mr. Akbari
Street address
Arak University of Medical Science , Sardasht, Arak
City
Arak
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Arak 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
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Phone
00
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