Clinical Trial Protocol
Iranian Registry of Clinical Trials

25 Jul 2026

Comparison of Oxytocin and Uriculotherapy on the duration of labor in primipara women

Protocol summary

Study aim
Comparison of Oxytocin and Uriculotherapy on labor duration in primiparous women

Design
Clinical trials have two groups of intervention, without blindness, randomized

Settings and conduct
105 women admitted to lab of selected hospitals under the supervision of Qom University of Medical Sciences were randomly divided into two groups of interventional oxytocin therapy and oxytocin group with uriculotherapy intervention. In this study blindness was not done

Participants/Inclusion and exclusion criteria
Entrance = prenatal, low risk pregnancy, 37-40 week, cephalic, monocular, 4 cm dilatation, age of 18-35, normal BMI, literacy, healthy ear. No entry. Healthy drinking bowl. Drug abuse, addiction, athletic behavior, Infertility, illiteracy,hearing and ear duct disease.

Intervention groups
In the first intervention group, oxytocin infusion was performed with glucose-benign or ringer serum; 10 units per 1000 cc serum. Injecting and diluting the drug in order to get Santo with serum drops through the veins. We start the intravenous infusion of oxytocin (Sento) with 4 drops and according to the delivery chart of the partogragor every 10 minutes After controlling the contractions and heart rate of the fetus, we can raise 4 drops.In the second intervention group, in addition to oxytocin, an ovariectrician technique was used by a researcher whose mother was in pain and had no pain, and the first time after 4 hours, which did not develop after an hour, and then at dilatation of 6 and 8 cm, in the ears of the ears on the masterpinette (Zero, Gray Man, Endocrine, Thalamic Point), Pituitary gonadotropin points, uterine regions, prostaglandin points, external genital points using the Populator Plus (2) device. The investigator for each patient with a Pointer Plus device for 30 seconds Presses the points in both ears at intervals of 1 hour.

Main outcome variables
Length of labor before and after intervention

General information

Reason for update
We added the end of time sampling and the end of clinical trial study

Acronym

IRCT registration information
IRCT registration number: **IRCT20180415039310N2**
Registration date: **2018-10-18, 1397/07/26**
Registration timing: **prospective**

Last update: **2020-12-17, 1399/09/27**
Update count: **1**

Registration date
2018-10-18, 1397/07/26

Registrant information

Name
Narges Sheikhghanbari

Name of organization / entity

Country
Iran (Islamic Republic of)

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+98 25 3289 0603

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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2019-03-15, 1397/12/24

Expected recruitment end date
2019-09-15, 1398/06/24

Actual recruitment start date
2019-10-04, 1398/07/12

Actual recruitment end date
2020-11-05, 1399/08/15
Trial completion date
2020-11-21, 1399/09/01

Scientific title
Comparison of Oxytocin and Uriculotherapy on the duration of labor in primipara women

Public title
Comparison of Oxytocin and Uriculotherapy on the duration of labor in primipara women
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
1- Primiparous women Containing low-risk pregnancy Gestational age 40-37 weeks Cephalic presentation Single pregnancy Dilatation 4 cm or less dilatation or less zinc per hour Age between 18-35 years Minimize reading and writing Have at least one healthy ears. Have a healthy water bag BMI>19.8،BMI<26.4
Exclusion criteria:
Receiving analgesic drugs 3 hours before the start and during of the study Drug Addiction Athleticism Infertility history Illiteracy Underlying disease associated with auditory and auditory duct Disorders during pregnancy Referring to the center with a tear-off water bag and Curio Amnio Nit Lack of satisfaction to continue participating in the study
Age
From **18 years** old to **35 years** old
Gender
Female

Phase
4
Groups that have been masked
No information
Sample size
Target sample size: **105**
Actual sample size reached: **91**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features
Clinical trial, control group, non-blind, randomized

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Arak University of Medical Sciences
Street address
Dr. Mohammad Rafiee, Research Deputy, Supreme Prophet (pbuh) complex, Basij Square, Sardasht, Arak
City
Arak
Province
Markazi
Postal code
3848176941
Approval date
2018-09-18, 1397/06/27
Ethics committee reference number
ir.arakmu.rec.1397.130

Health conditions studied

1

Description of health condition studied
The duration of labor for primipara women
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
The duration of labor in primiparous women
Timepoint
after intervention
Method of measurement
Time(second)

Secondary outcomes

1

Description
The duration of second phase of labor in primipara
Timepoint
second phase labor
Method of measurement
Time(second)

Intervention groups

1

Description
Intervention group: Intervention group: 105 women admitted to labor were randomly assigned into two groups of interventional oxytocin therapy and oxytocin group with uriculotherapy intervention.In the first intervention group, oxytocin is injected with glucose-benign or ringer serum; 10 units per 1000 cc of serum. These ampoules are stored in the refrigerator and used

for induction of labor with oxytocin using an intravenous method. I attach a ringer head to the woman and take the medication in my throat to dilute it with the drops of serum through the veins. We start the intravenous infusion of Oxytocin (Sento) with 4 drops and according to Partogroup delivery chart Every 10 minutes after controlling the contractions and heart rate of the fetus, we can raise 4 drops.As long as the uterus achieves appropriate contractions, or the number of droplets reaches a maximum of 64 drops per minute. If contractions are achieved at the right rate (3 shifts per 10 minutes, each longer than 40 seconds and maximum 60 seconds), there is no need to increase the dose further and injections are maintained at the same speed.

Category

Treatment - Drugs

2

Description

Intervention group: In the second intervention group, in addition to oxytocin, an ovariectrician technique was used by a researcher whose mother was in pain and had no pain, and the first time after 4 hours, which did not develop after an hour, and then at dilatation of 6 and 8 cm, in the ears of the ears on the masterpinette (2 points), uterine points (3 dots), prostaglandin points (2 dots), genital outer points (2 dots) using a pointer plate of Excel (2), pituitary gland (2 points) (Made in China). For every patient with a Pointer Plus device for 30 seconds, the listed points In both ears, it presses every 1 hour.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Selected hospitals under the supervision of Qom Medical Sciences University

Full name of responsible person

Narges sheikhghanbari

Street address

Qom University of Medical Sciences, Coastal street, Qom

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr. Mohammad Arjmandzadegan

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Research Deputy, Supreme Prophet (pbuh) complex, Basij Square, Sardasht, Arak

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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 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

Person responsible for general inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Narges sheikhghanbari

Position

Student Masters Counseling in Midwifery

Latest degree

Bachelor

Other areas of specialty/work

Midwifery

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Arak University of Medical Sciences

Full name of responsible person
Katayon Vakilian

Position
Ph.D. in Reproductive Health and Academic Member

Latest degree
Ph.D.

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Midwifery

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is 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

Title and more details about the data/document
Publish document as article

When the data will become available and for how long
Between the next 12 and 18 months

To whom data/document is available
All people

Under which criteria data/document could be used
Notices

From where data/document is obtainable
magazines

What processes are involved for a request to access data/document
onlin

Comments