

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jun 2026

Comparison the effect of intramuscular injection of Oxytocin and nipple stimulation on the third stage of delivery length and bleeding

Protocol summary

Summary

This is a clinical trial study for comparison the effect of inter muscular injection of Oxytocin and nipple stimulation on the third stage of delivery length and bleeding in 150 normal term pregnant women who refers to Taleghany hospital in Arak city. Samples will randomly assign in three groups. In the first group after cutting the umbilical cord, baby will be taken under breast feeding, in the second group after cutting the umbilical cord, 10 ml intra muscular Oxcitocin will inject. The third group will manage physiologically without any intervention. Exclusion criteria was any disorders of progress of the first and second stage of delivery. Then the third stage of delivery length and bleeding will measure in three groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201206099981N1**

Registration date: **2012-06-25, 1391/04/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-06-25, 1391/04/05

Registrant information

Name

Fereshteh Narenji

Name of organization / entity

Arak University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2007-12-31, 1386/10/10

Expected recruitment end date

2008-09-29, 1387/07/08

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the effect of intramuscular injection of Oxytocin and nipple stimulation on the third stage of delivery length and bleeding

Public title

Comparison the effect of intramuscular injection of Oxytocin and nipple stimulation on third stage of delivery length and bleeding

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: women between 18-35 years old; gestational age: 38-42 weeks; term; not macrosome fetus Exclusion criteria: Any disorders of progress of the first and second stage of delivery

Age

From **18 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 150

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not 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 ; Iran

City

Arak

Postal code

Approval date

2007-09-23, 1386/07/01

Ethics committee reference number

285

Health conditions studied

1

Description of health condition studied

Third stage delivery bleeding

ICD-10 code

072.0

ICD-10 code description

Haemorrhage associated with retained, trapped or adherent placenta

2

Description of health condition studied

Third stage delivery length

ICD-10 code

072.0

ICD-10 code description

Haemorrhage associated with retained, trapped or adherent placenta

Primary outcomes

1

Description

Third stag hemmorage

Timepoint

In third stage length

Method of measurement

Bleeding magerred with scalled dishes and wight measure of the shans before and after delivery

2

Description

Third stage length

Timepoint

In third stage length

Method of measurement

Time with minute

Secondary outcomes

empty

Intervention groups

1

Description

10 miligram oxytocin IM injection

Category

Treatment - Drugs

2

Description

Breast feeding

Category

Prevention

3

Description

physiologic manengment

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Taleghany hospital

Full name of responsible person

Narenji Fereshteh

Street address

Taleghany hospital ; Pool Bargh ; Arak ; Iran

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Science

Full name of responsible person

Dr Hekmatpou D

Street address

Arak University of Medical Science ; Sardasht ; Arak ; Iran

City

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Grant name

پژوهشی دانشگاه

Grant code / Reference number

Universal Investigation

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**

Arak University of Medical Science

Full name of responsible person

DR Akbari

Position

JP

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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