

# 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

###### Country

Iran (Islamic Republic of)

###### Phone

+98 86 1417 3502

##### Email address

narenji@arakmu.ac.ir

##### 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**

Arak

**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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## Person responsible for scientific inquiries

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## Person responsible for updating data

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Dr Akbari

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**City**

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**Postal code****Phone**

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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