

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Comparing The Effect Of Anethum (dill) Seeds With Oxytocine On Induction Of Labour In Term Pregnancy.

#### Protocol summary

##### Summary

The purpose of this study is to investigate the effect of boiled dill (*Anethum graveolens*) seeds on the start of labor and compare it with oxytocin. Samples in this interventional study are 100 nulliparous women with inclusion and exclusion criteria from Sina hospital in Ahvaz city. If they have reactive NST, they enter to study and consented. We give 250cc boiled water with 0/018 gram per kilogram with one spoon sugar to test group and 250cc boiled water with one spoon sugar to control group after entrance. Test group have Ringer serum but control group induction with 10 unit oxytocin in 1000cc Ringer. We start induction with 4 drop and each 15 min add 4 drops until 64 drops. Both group have 24 hour to start labour if it doesn't start obstetrician decide about them. We check bishop score, period of induction to delivery, active phase and latent phase duration, second and third phase of labour.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2014070518371N1**  
Registration date: **2014-08-04, 1393/05/13**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-08-04, 1393/05/13

##### Registrant information

###### Name

Mozhgan Akbari

###### Name of organization / entity

Ahvaz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 21 5590 7793

###### Email address

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###### Recruitment status

**Recruitment complete**

###### Funding source

Ahvaz University Of Medical Sciences

###### Expected recruitment start date

2014-03-21, 1393/01/01

###### Expected recruitment end date

2014-08-22, 1393/05/31

###### Actual recruitment start date

empty

###### Actual recruitment end date

empty

###### Trial completion date

empty

###### Scientific title

Comparing The Effect Of Anethum (dill) Seeds With Oxytocine On Induction Of Labour In Term Pregnancy.

###### Public title

The Effects Of Dill Seeds On Start Of Labor Pain

###### Purpose

Treatment

###### Inclusion/Exclusion criteria

Inclusion Criteria: Age of 18-35; Nulliparous; GA=41-42; Have perinatal care at first trimester; Bishop score=4 or lower than; BMI=19/8-26; Vertex; one fetus; Reactive NST  
Exclusion Criteria: Chronic disease; Illegal pregnancy; Fetal anomaly; IVF pregnancy; Placenta previa or Abruption; Have any contra indication for start induction; Any vaginal bleeding; Uterus contraction; Use any Herbal thing before entrance; CPD; ROM; Preclampsia; Macrosomia

###### 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: **100**

#### **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**

Ahvaz University Of Medical Science

##### **Street address**

Ahvaz University

##### **City**

Ahvaz

##### **Postal code**

#### **Approval date**

2013-11-10, 1392/08/19

#### **Ethics committee reference number**

ajums.REC.1392,159

## **Health conditions studied**

### 1

#### **Description of health condition studied**

Induction Of Labour

#### **ICD-10 code**

O83.9

#### **ICD-10 code description**

Assisted single delivery, unspecified

## **Primary outcomes**

### 1

#### **Description**

Induction of Labor

#### **Timepoint**

Bigging of Labor pain until delivery

#### **Method of measurement**

Phisical exam,Observation,Filling partograph criteria

## **Secondary outcomes**

### 1

#### **Description**

bishop score

#### **Timepoint**

Latent phase,Active phase and Second phase of labor period

#### **Method of measurement**

Phisical exam,Observation,Bishop score form

## **Intervention groups**

### 1

#### **Description**

the control group received 250cc boiled water with one spoon suger just one time after admit orally. they have induction with oxytosin.induction start with 10 unit oxytosin in 1000 cc serum Ringer and it become with 4 drops and each 15 minutes added 4 drops untill 64 drop until 8 hour then they have 1000 cc Ringer serum each 8 hour until 24 hours.

#### **Category**

Treatment - Drugs

### 2

#### **Description**

Exposed group consume 250cc boiled water with one spoon suger and 0/018 gram per kilogram dill (Anethum graveolens) seeds orally just one time after admit and they have 1000 cc ringer serum each 8 hour until 24 hours.

#### **Category**

Treatment - Drugs

## **Recruitment centers**

### 1

#### **Recruitment center**

##### **Name of recruitment center**

Sina Hospital

##### **Full name of responsible person**

DR Elham lak

##### **Street address**

Sina Hospital, Shahed 1 Avenue, Emam Ali squer, Ayat Allah Behbahani super highway, Ahvaz city

##### **City**

Ahvaz

## **Sponsors / Funding sources**

### 1

#### **Sponsor**

**Name of organization / entity**

Ahvaz University Of Medical Science

**Full name of responsible person**

DR Mohammad Raza Abbasspur

**Street address**

Ground floor, Vice Chancellor for Research and Technological Development University of Ahvaz Medical Sciences, University City, Ahvaz

**City**

Ahvaz

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Ahvaz 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**

Ahvaz University Of Medical Sciences

**Full name of responsible person**

Purandokht Afshari

**Position**

Post Graduate Of Ahvaz University

**Other areas of specialty/work****Street address**

Midwifery and Nursing college, Jondishapur Medical Sciences, Golestan Avenue, Ahvaz

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**Position**

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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*