Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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 compair 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 inter to study and consented.We give 250cc boilled water with 0/018 gram per kilogram with one spoon suger to test group and 250cc boilled water with one spoon suger to control group afer entrance.Test group have Ringer serum but control group induction with 10 unit oxytosin 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 dosent start obestetrician 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
akbari.mo@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz University Of Medical Siences

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:Cronic disease;Illigal pregnancy;Fetal anomally;IVF pregnancy;Placenta previea or Abraption;Have any conta indication for start induction;Any vaginal bleeding;Uterus contraction;Use any Herbal thinge before entrance;CPD;ROM;Preclampshia;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 Sience

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,Observatiom,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 Sience
Full name of responsible person
DR Mohammad Raza Abbasspur
Street address
Ground floor, Vice Chancellor for Research and Technological Development University of Ahvaz Medical Siences, 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 Sience

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 Siences
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 Siences, Golestan Avenue, Ahvaz
City
Ahvaz
Postal code
Phone
+98 61 1373 8331
Fax
+98 61 1373 8333
Email
P_afshary@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Ahvaz University Of Medical Siences
Full name of responsible person
DR Mozhgan Javadnoori
Position
PHD in Ahvaz University
Other areas of specialty/work
Street address
Nursing and Middwifery College, Jondi Shapur Medical Sience, Golestan Avenue,Ahvaz
City
Ahvaz
Postal code
Phone
+98 61 1373 8331
Fax
Email
Mozhgan javadnoori@yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Ahvaz University Of Medical Siences
Full name of responsible person
Mozhgan Akbari
Position
Post Graduate Of Midwifery Student
Other areas of specialty/work
Street address
Number 5, Third stair, A10 western blok, Post apartment, Narenj square, Rey city, Tehran
City
Tehran
Postal code
1863816366
Phone
+98 21 5590 7793
Fax
Email
Talce62@yahoo.com
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