

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

20 Jul 2026

### The effect of *Salvia officinalis* and *Melissa officinalis* on primary dysmenorrhea

#### Protocol summary

##### Summary

This study investigated the effect of *Melissa officinalis* and *Salvia officinalis* on primary dysmenorrhea. This study was a clinical trial study and was performed on 120 single girls attending primary dysmenorrhea that Referred to Fatemieh hospital. That Experimental group used *Melissa officinalis* and *Salvia officinalis* five days before menstruation until five days during the menstruation and continue to next duration. 50 samples selected from Experimental group that were suitable and continued using medicinal plants till end of tow durations. Pain intensity, pain duration, bleeding duration and gastrointestinal complications during the two cycles are measured with a questionnaire

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013012612278N1**

Registration date: **2013-11-30, 1392/09/09**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2013-11-30, 1392/09/09

##### Registrant information

###### Name

Mosen Rajabi

###### Name of organization / entity

Applied Scientific University of Jihad-Agriculture

###### Country

Iran (Islamic Republic of)

###### Phone

+98 81 3437 3587

###### Email address

m.rajabi@areo.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Applied Scientific University of Jihad-Agriculture, Hamedan

##### Expected recruitment start date

2012-09-22, 1391/07/01

##### Expected recruitment end date

2013-07-23, 1392/05/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of *Salvia officinalis* and *Melissa officinalis* on primary dysmenorrhea

##### Public title

The effect of *Salvia officinalis* and *Melissa officinalis* on primary dysmenorrhea

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: Single girls; 13-30 years old; Have primary dysmenorrhea; Exclusion criteria: Those who were forced to use a particular drug; People who had a history of underlying disease (diabetes, etc) ; People with a history of pelvic inflammatory disease, fibroids, tumors, etc; People that faced stressors in the past six months; age was 31 and upper or lower than 13.

##### Age

From **13 years** old to **30 years** old

##### Gender

Female

##### Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 120

## Randomization (investigator's opinion)

N/A

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Single

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Hamedan University of Medical Science

##### Street address

Shahid Fahmideh Street, Hamedan University of Medical Science, Hamedan. Iran

##### City

Hamedan

##### Postal code

65178

##### Approval date

2013-05-05, 1392/02/15

##### Ethics committee reference number

332/9/35/16/د/پ

## Health conditions studied

### 1

#### Description of health condition studied

Primary dysmenorrhoea

#### ICD-10 code

N94.4

#### ICD-10 code description

Primary dysmenorrhoea

## Primary outcomes

### 1

#### Description

Primary dysmenorrhoea

#### Timepoint

at the First study, third day, 6th day

#### Method of measurement

visual analogue scale

## Secondary outcomes

### 1

#### Description

Bleeding duration

#### Timepoint

30 days

#### Method of measurement

Questionnaire

## Intervention groups

### 1

#### Description

Medicinal plants in packs of 25 gram, usage of the tail, 25 grams per day, 5 days before dysmenorrhea until 5 days after dysmenorrhea, twice a day for two months

#### Category

Treatment - Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Hamedan Fatemieh Hospital

##### Full name of responsible person

Dr. Shoreh Alimohammadi

##### Street address

Pasdaran Street, Fatemieh Hospital, Hamedan, Iran

##### City

Hamedan

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Applied Scientific University of Jihad-Agriculture

##### Full name of responsible person

mohsen Rajabi

##### Street address

5 Km of Tehran Road, Opposite of Joraghan City, Applied Scientific University of Jihad-Agriculture

##### City

hamedan

#### Grant name

-

#### Grant code / Reference number

-

#### Is the source of funding the same sponsor organization/entity?

Yes

#### Title of funding source

Applied Scientific University of Jihad-Agriculture

#### 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***City**

Hamedan

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**Position**

University Teacher

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**Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Agriculture and Natural Resources Research Center

**Full name of responsible person**

Ramezan Kalvandi

**Position**

Doctora Degree, Faculty Member

**Other areas of specialty/work****Street address**5 Km of Tehran Road, Opposite of Organizational  
Departments of Gaz Company, Agriculture and  
Natural Resources Research Center**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*