Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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, blooding 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)

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Recruitment status

Recruitment complete

Funding source

Applied Sientific 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
Blooding 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 befor dysmenorrhea untill 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
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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

Person responsible for general inquiries

Contact
Name of organization / entity
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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