

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The comparative study of effect of aerial parts of *Stachys lavandulifolia* and Medroxyprogesterone drug in symptomatic treatment of polycystic ovarian syndrome

Protocol summary

Summary

To compare the effect of aerial parts of *Stachys lavandulifolia* and Medroxyprogesterone drug in symptomatic treatment of polycystic ovarian syndrome in a randomised single blind clinical trial. Inclusion criteria: 1- with polycystic ovary syndrome 2- with abnormal uterine bleeding 3- sonographic appearance. Exclusion criteria: 1- lack of cooperation. Sample: 66 patients with polycystic ovary syndrome (33 in herbal drug group and 33 in chemical drug group) primary outcomes: 1- Abnormal uterine bleeding 2- sonographic appearance.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903013922N1**
Registration date: **2010-05-22, 1389/03/01**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2010-05-22, 1389/03/01

Registrant information

Name

Masoud Modarresi

Name of organization / entity

Faculty of Pharmacy - Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 1835 6168

Email address

mmodarresi@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2010-05-22, 1389/03/01

Expected recruitment end date

2011-03-20, 1389/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparative study of effect of aerial parts of *Stachys lavandulifolia* and Medroxyprogesterone drug in symptomatic treatment of polycystic ovarian syndrome

Public title

The comparative study of effect of aerial parts of *Stachys lavandulifolia* and Medroxyprogesterone drug in symptomatic treatment of polycystic ovarian syndrome

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1- with polycystic ovarian syndrome 2- with abnormal uterine bleeding 3- sonographic appearance. Exclusion criteria: 1- lack of cooperation.

Age

No age limit

Gender

Female

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 66

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

Faculty of Pharmacy - Kermanshah University of
Medical Sciences

Street address

Parastar Blv.- Dnashgah St.- Shaheed Shiroodi Blv.

City

Kermanshah

Postal code

Approval date

empty

Ethics committee reference number

5136/420/7/پ

Health conditions studied

1

Description of health condition studied

Polycystic ovarian syndrome

ICD-10 code

E28.2

ICD-10 code description

Polycystic ovarian syndrome

Primary outcomes

1

Description

ovarian cysts

Timepoint

3 month

Method of measurement

sonographic survey

2

Description

menstruation bleeding disorder

Timepoint

3 month

Method of measurement

questionnaire

Secondary outcomes

1

Description

side effects

Timepoint

3 month

Method of measurement

questionnaire

Intervention groups

1

Description

5g of Stachys lavandulifolia as infusion three time a day
for 3 month

Category

Treatment - Drugs

2

Description

10mg of Medroxyprogesteron per day for 10 days in a
menstruation cycle for 3 cycles

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Private Clinic of Gynecologist

Full name of responsible person

Dr. Nasrin Jalilian

Street address

Shafa Bul.- Shahr-dari Parking

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University of medical Sciences

Full name of responsible person

Masoud Modarresi

Street address

Research Deputy office, No. 2 Build. of Kermanshah
University of medical Sciences, Shaheed Beheshti Blv.

City

Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah University of medical Sciences

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

Faculty of Pharmacy - Kermanshah University of
medical Sciences

Full name of responsible person

Dr. Masoud Modarresi

Position

Faculty Member, Pharmacognosy Group Manager

Other areas of specialty/work

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**Person responsible for scientific
inquiries**

Contact

Name of organization / entity

Faculty of Pharmacy - Kermanshah University of
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Full name of responsible person

Dr. Masoud Modarresi

Position

Pharm. D.- Pharmacognosy Ph.D.

Other areas of specialty/work

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Contact

Name of organization / entity

Full name of responsible person

Leyla Ghaderi

Position

Other areas of specialty/work

Street address

City

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Phone

Fax

Email

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