

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 May 2026

Comparison of Effect of Zataria Multiflora Boiss Vaginal Cream with Clotrimazol Vaginal Cream in Candida Vaginitis Treatment

Protocol summary

Summary

Candida vaginitis is the second most common infection of Vagina. Herbal extracts also are used in treatment of fungal infection. Avishan shirazi (Zataria Multiflora Boiss) is one of herbs which have fungicidal effects. The purpose of this randomized double blind study was to determine the effects of Zataria Multiflora Boiss vaginal cream in the treatment of Candida vaginitis. The study was performed on 73 married women aged 15 to 49 years with signs and symptoms of Candida vaginitis and documented laboratory finding. The subjects were randomly assigned into two treatment groups (Avishan or Clotrimazol). One applicator of each cream was used at bed time for one week. Patients were followed 3-4 days after treatment and evaluated with tests and observation.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138807112537N1**

Registration date: **2010-01-30, 1388/11/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-01-30, 1388/11/10

Registrant information

Name

Zahra Fouladi

Name of organization / entity

Tehran University of Medical Sciences and Health Services .Ziaeeyan Hospital

Country

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Recruitment status

Recruitment complete

Funding source

Researching Deputy of Ahvaz Jondishapour University of Medical Sciences

Expected recruitment start date

2003-04-21, 1382/02/01

Expected recruitment end date

2003-10-22, 1382/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of Effect of Zataria Multiflora Boiss Vaginal Cream with Clotrimazol Vaginal Cream in Candida Vaginitis Treatment

Public title

Comparative Study of Zataria Multiflora Boiss Vaginal Cream and Clotrimazol in Candida Vaginitis treatment

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: signs and symptoms of Candida vaginitis, positive direct smear of vaginal discharge
Exclusion criteria: pregnant women, low compliance, any drug hypersensitivity, recurrent Candida vaginitis (4 or more Candida vaginitis in a year), consumption of immunosuppressive drug or widespread antibiotics, history of epilepsy, diabetes, heart disease, high blood pressure, thyroid diseases, or advanced arthritis, using other vaginal creams or suppositories during the study

period, consumption of systemic antifungal drugs during 4 weeks prior to the study, presence of non-candidal vaginitis, consumption of oral contraceptives.

Age

From **15 years** old to **49 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **73**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahvaz Jundishapur University of Medical Sciences

Street address

Researching Deputy of Jondishapour Ahvaz University of Medical Sciences, Ahvaz University City, Khuzestan.

City

Ahvaz

Postal code

Approval date

empty

Ethics committee reference number

8/204566/پ

Health conditions studied

1

Description of health condition studied

Candida Vaginitis

ICD-10 code

B37.3

ICD-10 code description

Candidiasis of Vulva and Vagina

Primary outcomes

1

Description

Discharge

Timepoint

Baseline and 3 to 4 Days after treatment

Method of measurement

Clinical Examination, observation, and medical history

2

Description

Pruritus

Timepoint

Baseline and 3 to 4 Days after treatment

Method of measurement

History

3

Description

Edema

Timepoint

Baseline and 3 to 4 Days after treatment

Method of measurement

Clinical Examination, observation, and medical history

4

Description

Erythema symptoma

Timepoint

Baseline and 3 to 4 Days after treatment

Method of measurement

Clinical Examination, Observation, and History

5

Description

Dysuria Symptom

Timepoint

Baseline and 3-4 Days after treatment

Method of measurement

History

6

Description

Dysparonia Symptom

Timepoint

Baseline and 3 to 4 Days after the treatment

Method of measurement

History

7

Description

Culture results

Timepoint

3 to 4 Days after Treatment

Method of measurement

Wet Smear and Vaginal Culture

Secondary outcomes

empty

Intervention groups

1

Description

Herbal vaginal cream, made of Avishan Shirazi (1%) (Zataria Multiflora Boiss), one applicator every night, for 1 Week

Category

Treatment - Drugs

2

Description

Clotrimazole, vaginal Cream, one applicator every night, for 1 Week

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Esmatieh health Center

Full name of responsible person

Esmatieh health Center

Street address

Esmatieh health Center, Health Network, Kashmar city, Khorasan Razavi

City

Kashmar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research, Jondishapour University of Medical Sciences

Full name of responsible person

Pourandokht Afshari

Street address

Vice-chancellor for Research, Jondishapour University of Medical Sciences, Ahvaz University City, Khuzestan

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice-chancellor for Research, Jondishapour 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

Tehran University of Medical Sciences

Full name of responsible person

Zahra Fouladi

Position

MS of Midwifery

Other areas of specialty/work

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Person responsible for scientific inquiries

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Position

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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