

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

Comparison of effect of Licorice vaginal cream with Clotrimazol vaginal cream in candida vaginitis treatment

Protocol summary

Summary

The purpose of this randomized double blind study was to determine the effects of Licorice vaginal cream in the treatment of Candida vaginitis. This research is a clinical trial and activity of licorice was investigated in two processes. First: An Invitro investigated was carried out to determine the antifungal activity to form of vaginal cream Second: This was an experimentally randomized double blind study. A total of 65 women complaining of candida vaginitis symptom were examined using vaginal swab sampling for culture and Gram stain. After confirm candida vaginitis with culture and dry smear randomly divided in two groups in which 33 cases recived licorice cream vaginal and 32 women received clotrimazol cream vaginal for 7 day. Patient followuped 1 & 2 week after treatment (carried out dry smear, culture). The finding indicated the similar effect of vaginal cream licorice and clotrimazol in treatment and relaps of candidiasis vaginitis .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016032511360N2**

Registration date: **2016-05-03, 1395/02/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-05-03, 1395/02/14

Registrant information

Name

Mina Iravani

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research, Jondishapur University of Medical Sciences

Expected recruitment start date

2008-04-03, 1387/01/15

Expected recruitment end date

2008-09-20, 1387/06/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of effect of Licorice vaginal cream with Clotrimazol vaginal cream in candida vaginitis treatment

Public title

Comparison of effect of Licorice vaginal cream with Clotrimazol vaginal cream 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 **45 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **65**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Randomized using random numbers generated by the computer

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of 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

61357-15794

Approval date

2008-01-05, 1386/10/15

Ethics committee reference number

u-87053

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, 1&2 week after treatment

Method of measurement

Clinical Examination, observation, and medical history

2

Description

Pruritus

Timepoint

Baseline, 1&2 week after treatment

Method of measurement

History

3

Description

Erythema symptoma

Timepoint

Baseline, 1&2 week after treatment

Method of measurement

Clinical Examination, Observation, and History

4

Description

Dysuria Symptom

Timepoint

Baseline, 1&2 week after treatment

Method of measurement

History

5

Description

Dysparonia Symptom

Timepoint

Baseline, 1&2 week after treatment

Method of measurement

History

6

Description

Wet Smear and Vaginal Culture results

Timepoint

Baseline, 1&2 week after treatment

Method of measurement

Wet Smear and Vaginal Culture

Secondary outcomes

empty

Intervention groups

1

Description

Treatment with vaginal cream Licorice 2%- Built in the Pharmacy School of Ahvaz Jundishapur University of Medical Sciences-one applicator every night for a week- Intervention group

Category

Treatment - Drugs

2

Description

Treatment with vaginal cream Clotrimazole 1%- production of Pars darou company-an applicator every night for a week-control group

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeyni Hospital, Ahvaz

Full name of responsible person

Dr.Mina Iravani

Street address

Imam Khomeyni Hospital, Ahvaz, khouzeestan, Iran

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research, Jondishapour University of Medical Sciences

Full name of responsible person

Dr. Nder Saki

Street address

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

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Ahvaz

Grant name

u

Grant code / Reference number

87053

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

Jondishapour University of Medical Sciences

Full name of responsible person

Dr.Mina Iravani

Position

Ph.D in Reproductive Health and Midwifery

Other areas of specialty/work

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Person responsible for scientific inquiries

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Full name of responsible person

Dr.Mina Iravani

Position

A Member Academic-Associated Profesor

Other areas of specialty/work

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Position

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Other areas of specialty/work**Street address**

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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