Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Evaluating the effect of lavender and clotrimazole in the treatment of vaginal candidiasis (A double blind randomized controlled trial)

Protocol summary

Summary

This clinical trial will be done following the researcher's previous study on the topic" the invitro evaluation lavender and clotrimazole on Candida albicans". The inclusion criteria: 15 to 49 years old married women. Exclusion criteria: women that had history of using antibiotic, oral contraceptive pills, any antifungal drugs, for 4 weeks before the study, latescent or pregnant women ,using immunosuppressive drugs, have cervicitis sign and cervix ectropion, Trichomoniasis and bacterial vaginosis, overweight (Body Mass Index>29) and have diabetes. The patients will be examined for candidiasis and rolling out of bacterial vaginosis and the researcher will take vaginal discharge samples from lateral and posterior walls of vagina by cotton soaps and will send them to the laboratory for definite detecting of Candida albicans fungus. The patients will be divided into two groups of intervention (lavender vaginal cream 2%) and control (clotrimazole vaginal cream1%) randomly. The patients will use the drugs for 7 nights in one applicator (5 grams). The patient whose fungi culture was negative in the first sampling or had tricomoniasis will be eliminated in this study. The candida positive patient will be back in 4-7 days after treatment for reexamination and evaluation of the clinical signs and sampling and the next 40 days for the recurrence evaluation and sampling.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138902103004N3**
Registration date: **2010-05-29, 1389/03/08**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2010-05-29, 1389/03/08

Registrant information

Name
Fereshteh Behmanesh
Name of organization / entity
Babol university of medical sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Babol university of medical sciences

Expected recruitment start date

2010-07-23, 1389/05/01

Expected recruitment end date

2010-12-22, 1389/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluating the effect of lavender and clotrimazole in the treatment of vaginal candidiasis (A double blind randomized controlled trial)

Public title

The effect of lavender and clotrimazole in the treatment of vaginal candidiasis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 15 to 49 years old married women.

Exclusion criteria: women that had history of using antibiotic, oral contraceptive pills, any antifungal drugs, for 4 weeks before the study, latescent or pregnant women ,using immunosuppressive drugs, have cervicitis sign and cervix ectropion, Trichomoniasis and bacterial vaginosis, overweight (Body Mass Index>29) and have diabetes

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

Gender
Female

Phase
3

Groups that have been masked
No information

Sample size
Target sample size: **60**

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
Babol university of medical sciences

Street address
Babol university of medical sciences

City
Babol

Postal code

Approval date
2010-03-10, 1388/12/19

Ethics committee reference number
5796

Health conditions studied

1

Description of health condition studied
candidiasis

ICD-10 code
B37.3+

ICD-10 code description
Candidiasis of vulva and vagina

Primary outcomes

1

Description
Improvement of candidiasis signs

Timepoint
4-7 next days

Method of measurement
Examination & labratory test & questionnaire

Secondary outcomes

1

Description
Recurrence of disease improvment

Timepoint
40 next days

Method of measurement
Examination & labratory test & questionnaire

Intervention groups

1

Description
Intervention group: using one aplicator of lavender vaginal cream 2% every night for 7 nights

Category
Treatment - Drugs

2

Description
Control group: using one aplicator of clotrimazole vaginal cream 1% every night for 7 nights

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Health centers of Babol university of medical sciences

Full name of responsible person
Dr Mahtab Zeinalzadeh

Street address
Babol university of medical sciences

City
Babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Babol university of medical sciences

Full name of responsible person
Amrola Mostafazadeh
Street address
Babol university of medical sciences chancellor statics and information tecnology
City
Babol
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Babol 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

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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