Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Effects of combined treatment of Doxycycline dual with flutamide in female severe acne

Protocol summary

Summary

This study was a clinical intervention and aim of the study was combination effects of doxycycline and flutamide in females with severe acne. Inclusion criterion was females with severe acne and the exclusion criteria were consist of: females with liver disease; pregnancy and breastfeeding; received anti acne drugs, OCP, spironolacton. The study population included women with severe acne. Sample size was 30. The study period was 6 months. The patients were received Flutamide 125mg/day dual with Doxycycline 100mg/day. At the beginning of treatment and two months after treatment, CBC and liver function tests were performed. Patient assessed every two months. To assess recovery, number lesions of acne counting, acne severity index was used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201104084310N5**
Registration date: **2014-04-28, 1393/02/08**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-04-28, 1393/02/08

Registrant information

Name

Hassan Adalatkhah

Name of organization / entity

Ardebil University of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 914 308 6490

Email address

h.edalatkhah@arums.ac.ir

Recruitment status

Recruitment complete

Funding source

Islamic Azad University of Ardabil

Expected recruitment start date

2013-04-19, 1392/01/30

Expected recruitment end date

2014-01-20, 1392/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of combined treatment of Doxycycline dual with flutamide in female severe acne

Public title

Effects of combined treatment of Doxycycline dual with flutamide in female severe acne

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: females with severe acne. Exclusion criteria: liver disease; pregnancy and breastfeeding; receiving anti acne drug's, OCP and spironolacton in last 2 months.

Age

No age limit

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size
Target sample size: **30**
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
Ardabil University of Medical Science
Street address
Ardabil University of Medical Science,Daneshgah st,Adabil
City
Ardabil
Postal code
5618953141
Approval date
2007-03-07, 1385/12/16
Ethics committee reference number
arums.re.1385.22

Health conditions studied

1

Description of health condition studied
Acne vulgaris
ICD-10 code
L70.0
ICD-10 code description
Acne vulgaris

Primary outcomes

1

Description
decrease in acne leasions
Timepoint
Every two months
Method of measurement
lesions counting

Secondary outcomes

1

Description
Patients`satisfaction
Timepoint
Every two months
Method of measurement
Questionnaire

Intervention groups

1

Description
Oral flutamide 125 mg/day dual with Doxycycline 100 mg/day and topical clindamicine 1% for six months
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Dermatology Clinic
Full name of responsible person
Edalatkhah Hasan
Street address
Babak Building, Shams Alley, Sracheshmeh St., Ardabil
City
Ardabil

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Ardabil University of Medical Science
Full name of responsible person
Hadi Peeri
Street address
End of Daneshgah St. Administrative building of University of Medical Science , Ardabil
City
Ardabil
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ardabil University of Medical Science
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

Ardabil University of Medical Science

Full name of responsible person

Golmohammadi . Ghasem

Position

PHD in anatomy, Fculty assistant

Other areas of specialty/work

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Contact

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Full name of responsible person

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Position

Dermatologist , Faculty membe

Other areas of specialty/work

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Full name of responsible person

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Position

Dermatologist , Faculty member

Other areas of specialty/work

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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