Clinical Trial Protocol
Iranian Registry of Clinical Trials

12 Jun 2026

Comparison effect of cetirizine, loratadine and fexofenadine in reducing the symptoms of allergic rhinitis.

Protocol summary

Summary

The aim of this study is Comparison effect of cetirizine, loratadine and fexofenadine in reducing the symptoms of allergic rhinitis.This is a double blind clinical trial .This study is done on 18 to 60 year old patients with allergic rhinitis.Inclusion criteria:Patients between 18 -60 years old with allergic rhinitis at least for two years. Exclusion criteria: Paitients with history of hepatitis, renal failure, uncontrolled asthma, acute sinusitis or upper respiratory infection in last two weeks, consumption of corticosteroied, antihistamine and decongestant in last 7 days, pregnant and breast feeding women, using of antipsychotic drugs. Sample size is 90.Patients are divided into three groups:first group are prescribed cetrizine 10 mg daily, second group are prescribed loratadine 10 mg daily and third group are prescribed fexofenadine 60 mg Bid and the paitients are observed for one month. The study started at2015/4/21 and finished 2015/9/22. Primary outcomes are nasal discharge, nasal obstraction, sneeze and nasal itching. Secondry outcomes are and itching in eyes post nasal discharge.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201510136252N9**
Registration date: **2015-11-04, 1394/08/13**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-11-04, 1394/08/13

Registrant information

Name

Soroush Amani
Name of organization / entity
Shahrekord University of Medical Sciences
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Iran (Islamic Republic of)
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samani@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahrecord University of Medical Sciences

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-09-22, 1394/06/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison effect of cetirizine, loratadine and fexofenadine in reducing the symptoms of allergic rhinitis.

Public title

Comparison effect of cetirizine, loratadine and fexofenadine on allergic rhinitis.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:Patients between 18 -60 years old with allergic rhinitis at least for two years. Exclusion criteria: Paitients with history of hepatitis, renal failure, uncontrolled asthma, acute sinusitis or upper respiratory infection in last two weeks, consumption of

corticosteroied, antihistamine and decongestant in last 7 days, pregnant and breast feeding women, using of antipsychotic drugs

Age
From **18 years** old to **60 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **90**

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
Sharekord University of Medical Sciences

Street address
Kashani Avenue, Shahrekord

City
Shahrekod

Postal code
8815713471

Approval date
2014-02-22, 1392/12/03

Ethics committee reference number
14-8-92

Health conditions studied

1

Description of health condition studied
Allergic rhinitis

ICD-10 code
J30.4

ICD-10 code description
Allergic rhinitis, unspecified

Primary outcomes

1

Description
nasal discharge

Timepoint
first day,forteenth day,thirtieth day

Method of measurement
clinical evaluation

2

Description
Nasal obstruction

Timepoint
first day,forteenth day,thirtieth day

Method of measurement
clinical evaluation

3

Description
sneezing

Timepoint
first day,forteenth day,thirtieth day

Method of measurement
clinical evaluation

4

Description
nasal itching

Timepoint
first day,forteenth day,thirtieth day

Method of measurement
clinical evaluation

Secondary outcomes

1

Description
post nasal discharge

Timepoint
first day, fourteenth day, thirtieth day

Method of measurement
clinical evaluation

2

Description
itching eyes

Timepoint
first day, fourteenth day, thirtieth day

Method of measurement
clinical evaluation

Intervention groups

1

Description
.Patients are divided into three groups:first group are prescribed cetrizine 10 mg daily, second group are

prescribed loratadine 10 mg daily and third group are prescribed fexofenadine 60 mg Bid and the paitients are observed for one month.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Kashani Hospital

Full name of responsible person
Soroush Amani MD

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Shariati Avenue, Shahrekord

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shahrekord University of Medical Sciences

Full name of responsible person
Mahmood Mobasheri MD

Street address
Kashani Avenue, Shahrekord

City
Shahrekord

Grant name

Grant code / Reference number

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

Title of funding source
Shahrekord 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
Shahrekord University of Medical Sciences

Full name of responsible person
Soroush Amani MD

Position
Otolaryngologist

Other areas of specialty/work

Person responsible for scientific 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