Clinical Trial Protocol
Iranian Registry of Clinical Trials

01 Aug 2026

Comparing effectiveness of Ginkgo biloba with cinnarizine in tinnitus intencivity of patients with subjective tinnitus

Protocol summary

Summary

This study was to compare the effectiveness of the Ginkgo biloba with cinnarizine on the subjective tinnitus and determine the effective dose of Ginko on the patients. Inclusion criteria included: patients with tinnitus for over 18 years and less than 70 years who had definite pathological examination and exclusion criteria included previous use of drugs Ginkgo biloba, anti-coagulant drug use, history of hypertension, pregnant or planning to get pregnant. Population of this study was 61 patients with subjective tinnitus that referred ear, nose and throat clinic in 1393. Patients were assigned randomly into two groups Cinnarizine (n = 32patients) and Ginkgo biloba (n = 29) that matched in terms of age and gender. According to literature during the treatment period was 2 months. At baseline and after 2 months of treatment, patients were evaluated with questionnaire of Tinnitus severity index. After two months of treatment with Ginkgo biloba (120-140 mg per day) tinnitus severity decreased in patients and there are no many differences between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013011212101N1**
Registration date: **2014-10-19, 1393/07/27**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-10-19, 1393/07/27

Registrant information

Name

Parastoo Yarmohammadi

Name of organization / entity

Shahrekord University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Research Deputy of Shahrekord University of medical sciences.

Expected recruitment start date

2012-03-19, 1390/12/29

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing effectiveness of Ginkgo biloba with cinnarizine in tinnitus intencivity of patients with subjective tinnitus

Public title

Effectiveness of Ginkgo biloba in treatment of subjective tinnitus

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with tinnitus for over 18 years; patients less than 70 years who had definite pathological examination Exclusion criteria: previous use of drugs Ginkgo biloba, anti-coagulant drug use; history of hypertension; pregnant or planning to get pregnant; to

be any unexpected complications, patient dissatisfaction

Age
From **26 years** old to **70 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **61**

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
Shahrekord University Of Medical Science

Street address
Vice President of Research, Shahrekord University of Medical Sciences,yatollah Kashani Boulevard,Shahrekord ,Chahar Mahal and Bakhtiari

City
shahrekord

Postal code
۸۸۱۵۷۱۳۴۷۱

Approval date
2012-07-14, 1391/04/24

Ethics committee reference number
17-4-91

Health conditions studied

1

Description of health condition studied
Tinnitus

ICD-10 code
H93.1

ICD-10 code description
Tinnitus

Primary outcomes

1

Description
subjective tinnitus

Timepoint
2 months

Method of measurement
Audiometry

Secondary outcomes

empty

Intervention groups

1

Description
Cinnarizine groups: Oral Cinnarizine 75 mg daily in three divided doses for 2 months of treatment

Category
Treatment - Drugs

2

Description
Ginkgo biloba: Oral Ginkgo biloba 120-140 mg daily in 2to 3 divided doses for 2 months of treatment

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Shahrekord Ayatollah Kashani Hospital

Full name of responsible person
Doctor Hamidreza khazraei

Street address

City
Shahrekord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Deputy of Research and Technology, Shahrekord University of medical sciences.

Full name of responsible person
Fatemeh Rafiee

Street address
Research Department, Shahrekord University of Medical Sciences,Ayatollah Kashani Boulevard,Shahrekord,Chahar Mahal and Bakhtiari

City
Shahrekord

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Deputy of Research and Technology, 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

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shahrekord University of Medical Sciences
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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