

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

01 Jun 2026

### Comparing effectiveness of Ginkgo biloba with cinnarizine in tinnitus intensity 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 Ginkgo 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 = 32 patients) 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

##### Country

Iran (Islamic Republic of)

##### Phone

+98 38 3352 4328

##### Email address

yarmohamadi@hlth.mui.ac.ir

##### 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 intensity 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

**Full name of responsible person**

Dr. Hamid Reza Khazraei

**Position**

Ear, nose and throat Specialist

**Other areas of specialty/work**

**Street address**

School of Medicine, Shahrekord University of Medical Sciences, Shahrekord

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**Person responsible for updating data**

**Contact**

**Name of organization / entity**

Shahrekord University of Medical Sciences

**Full name of responsible person**

Parastoo Yarmohammadi

**Position**

MSc Health Education

**Other areas of specialty/work**

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Kashani hospital, Shahrekord

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Yarmohamadi@hlth.mui.ac.ir

**Web page address**

**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*