

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Evaluation of the effect of dimenhydrinate on Benign Paroxysmal Positional Vertigo after maneuver therapy of Epley

Protocol summary

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Summary

The purpose of this study is to determine the efficacy of Dimenhydrinate after maneuver therapy of Epley on duration, number of vertigo attacks and duration of dizziness after each vertigo attack in patients with Posterior canal BPPV. One hundred forty eight patients with posterior Canal BPPV were evaluated in a randomized clinical trial in 2008_2009. Maneuver therapy of Epley were done for all patients. Then, the patients were assigned to receive Dimenhydrinate or Placebo as well 2 weeks. Duration of vertigo (in days), number of vertigo attacks, and duration of dizziness after each vertigo attack (in minutes) were measured before and after the treatment and compared between groups.

Recruitment status

Recruitment complete

Funding source

Shahed University

Expected recruitment start date

2008-03-20, 1387/01/01

Expected recruitment end date

2010-03-20, 1388/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138905032893N2**

Registration date: **2010-12-22, 1389/10/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-12-22, 1389/10/01

Registrant information

Name

Poopak Izadi

Name of organization / entity

Shahed University

Country

Iran (Islamic Republic of)

Phone

+98 21 8896 9437

Email address

Scientific title

Evaluation of the effect of dimenhydrinate on Benign Paroxysmal Positional Vertigo after maneuver therapy of Epley

Public title

Evaluation of the effect of dimenhydrinate on Benign Paroxysmal Positional Vertigo after maneuver therapy of Epley

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: individuals with posterior canal BPPV, confirmed with Dix_Hallpike positional test with classical signs of vertigo and nystagmus Exclusion criteria: lateral or superior semicircular canal involvement, CNS abnormality, bilateral posterior semicircular canal involvement, physical disability, history of vestibular suppressant usage, other labyrinthine diseases

Age

No age limit

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: 148

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shahed University

Street address

Against holy shrine of Imam Khomeini, Tehran Qom highway,

City

Tehran

Postal code

Approval date

2009-12-22, 1388/10/01

Ethics committee reference number

64270

Health conditions studied

1

Description of health condition studied

Benign Paroxysmal Positional Vertigo

ICD-10 code

H60, H95,

ICD-10 code description

Otitis externa, Postprocedural disorders of ear and mastoid process, not elsewhere classified, Benign paroxysmal vertigo

Primary outcomes

1

Description

recovery of vertigo

Timepoint

daily

Method of measurement

history, Hallpike test

Secondary outcomes

empty

Intervention groups

1

Description

Dimenhydrinate, 50 mg, TDS, for 2 weeks

Category

Treatment - Drugs

2

Description

Placebo, TDS, for 2 weeks

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Mostafa Khomeini Hospital

Full name of responsible person

Poopak Izadi

Street address

Italia Ave., Keshavarz Blvd.

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahed University

Full name of responsible person

Poopak Izadi

Street address

Against Holy shrine of Imam Khomeini, Qom highway, Tehran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahed University

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

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Person responsible for general inquiries

Contact

Name of organization / entity
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Full name of responsible person
Poopak Izadi
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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