Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

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

Protocol summary

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.

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

izadi@shahed.ac.ir

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

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

Person responsible for general inquiries

Contact

Name of organization / entity

Shahid Mostafa Khomeini hospital, Shahed University

Full name of responsible person

Poopak Izadi

Position

Otolaryngologist/Assistant professor

Other areas of specialty/work

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Italia Ave., Keshavarz Blvd.

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahed University, Shahid Mostafa Khomeini hospital

Full name of responsible person

Poopak Izadi

Position

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Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Shahid Mostafa Khomeini hospital, Shahed University

Full name of responsible person

Poopak Izadi

Position

Otolaryngologist

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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