

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison The Efficacy of Gans and Epley maneuvers in treatment of patient with BPPV

Protocol summary

Summary

Benign positional paroxysmal vertigo (BPPV) is one of the most common cause of peripheral vertigo and one of the presented rehabilitation treatments for patient with BPPV is maneuver therapy. All patients with vertigo that will refer to the neurology clinic in Poursina hospital and ENT clinic in Amir Al-Momenin hospital in Rasht city in the period from November in 2015 to March in 2016 and BPPV diagnose for them by a specialist using the Dix-Hallpike test will enroll in this randomized clinical trial. Samples will divide in randomized quadripartite blocks into two groups: Epley and Gans Maneuvers. Exclusion criteria: a severe systemic disease and vestibular disease and being forced to use the sedative, tranquilizer and anti-vertigo medicines and not referring again. All patients will refer after 24 h and one week to evaluate their symptoms

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201511091138N22**

Registration date: **2015-11-17, 1394/08/26**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-11-17, 1394/08/26

Registrant information

Name

Fataneh Bakhshi

Name of organization / entity

Guilan University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Guilan University of Medical Science, Vice Chancellor for Research

Expected recruitment start date

2015-11-22, 1394/09/01

Expected recruitment end date

2016-03-20, 1395/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison The Efficacy of Gans and Epley maneuvers in treatment of patient with BPPV

Public title

The Efficacy of Gans and Epley maneuvers in treatment of patient with BPPV

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients 18-75 years and BPPV diagnose for them by a specialist using the Dix-Hallpike test. Exclusion criteria: a severe systemic disease and vestibular disease and being forced to use the sedative, tranquilizer and anti-vertigo medicines and not referring again

Age

From **18 years** old to **75 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 73

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Guilan University of Medical Sciences

Street address

Tehran avenue

City

Rasht

Postal code

4139637459

Approval date

2015-11-09, 1394/08/18

Ethics committee reference number

IR.GUMS.REC.1394.309

Health conditions studied

1

Description of health condition studied

Benign paroxysmal vertigo

ICD-10 code

H81.1

ICD-10 code description

benign paroxysmal positional vertigo

Primary outcomes

1

Description

Improvement of dizziness

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

Physical examination

2

Description

being Negative Dix-Hallpike maneuver

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

Physical examination

Secondary outcomes

1

Description

Nausea

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

Observation and questions

2

Description

Vomiting

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

Observation and questions

3

Description

pain in the neck

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

questions

4

Description

back ache

Timepoint

First 24h and 1 week after starting maneuver

Method of measurement

questions

Intervention groups

1

Description

Intervention group : Gans maneuver

Category

Treatment - Other

2

Description

Control Group : Epley maneuver

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Neurology Clinic in Poursina Hospital and ENT Clinic in Amir Al-Momenin Hospital in Rasht City

Full name of responsible person

Dr Alia Saberi

Street address

Amiralmomenin Hospital, 17 Shahrivar St.

City

Rasht

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Guilan University of Medical Science, Vice Chancellor for Research

Full name of responsible person

Susan Komae

Street address

Vice-Chancellor for Research Building, Opposite of Sepah Bank, Shahid Beheshti Blvd, Rasht

City

Rasht

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Guilan University of Medical Science, Vice Chancellor for Research

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

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Full name of responsible person

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Person responsible for updating data

Contact

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