Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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 Resarch

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 patiant 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
Improvment of dizziness
Timepoint
First 24h and 1 week after starting maneuver
Method of measurement
Physical examination

2

Description
beeing 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 Resarch

Full name of responsible person
Susan Komaee

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 Resarch

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
Guilan University of Medical Sciences

Full name of responsible person
Dr Alia Saberi

Position
Professor

Other areas of specialty/work

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Web page address

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