

# The ocular Vestibular Evoked Myogenic Potentials (oVEMPs) in patients with Meniere's disease.

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON27017

### Source

Nationaal Trial Register

### Brief title

N/A

### Health condition

Meniere's disease

## Sponsors and support

**Primary sponsor:** University Medical Center Utrecht

**Source(s) of monetary or material Support:** University Medical Center Utrecht

## Intervention

## Outcome measures

### Primary outcome

To gain information about the characteristics of the oVEMP-response in patients with Menière's disease.

## Secondary outcome

To evaluate the clinical applicability and especially the perceived burden of the oVEMP-test.

## Study description

### Background summary

Menière's disease still poses a diagnostic and therapeutic problem. Currently Menière's disease is diagnosed according to clinical criteria by the American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS) 1995. These criteria are two or more episodes of vertigo, longer than 20 mins, perceptible hearing loss, tinnitus or aural fullness and exclusion of alternative causes of the complaints. Menière's disease is accompanied by endolymphatic hydrops which probably inflicts damage to the cochlea and the vestibular organ. Current standard vestibular testing (Electronystagmography (ENG)) solely tests the function of one of the five subcomponents of the vestibular organ, the horizontal semicircular canal. In Menière patients the ENG shows variable responses and in many cases this test is normal. An additional vestibular test, the ocular Vestibular Evoked Myogenic Potential (oVEMP) test, can be used to evaluate the function of two other subcomponents, the two otolith organs. In this study we will compare the oVEMP responses of Menière patients to responses in normal subjects.

### Study objective

In patients with Meniere's disease an altered or absent oVEMP-response is seen.

### Study design

01-03-09: Start of study.

### Intervention

oVEMP-test.

For the oVEMP-test 5 electrodes will be placed on the face of the patient and an acoustic stimulus will be delivered to the ears with the patient in supine position with raised eyes. The main study parameter is the amplitude and threshold of the oVEMP-response, which will be compared to our clinical standard.

## Contacts

### Public

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### Scientific

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## Eligibility criteria

### Inclusion criteria

1. Uni- or bilateral Meniere's disease according to the criteria of the AAO-HNS 1995;
2. Age older 18 years.

### Exclusion criteria

1. An interfering cause of vertigo;
2. History of eye-motility disorders;
3. Audiometrically defined conductive hearing loss of more than 20 dB NHL at 500 Hz.

## Study design

## Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Non controlled trial
<b>Control:</b>	N/A , unknown

## Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-03-2009
Enrollment:	40
Type:	Anticipated

## Ethics review

Positive opinion	
Date:	23-02-2009
Application type:	First submission

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
NTR-new	NL1601
NTR-old	NTR1681

**Register**

Other  
ISRCTN

**ID**

METC UMC Utrecht : 08-388  
ISRCTN wordt niet meer aangevraagd

## Study results

**Summary results**

N/A