

# National Longitudinal Study on Hearing - second wave

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<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	Hearing disorders
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON36922

### Source

ToetsingOnline

### Brief title

NL-SH - second wave

### Condition

- Hearing disorders
- Economic and housing issues

### Synonym

auditory disability, hearing difficulty, hearing impairment

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Vrije Universiteit Medisch Centrum

**Source(s) of monetary or material Support:** Phonak Zwitserland

## Intervention

**Keyword:** cohort, health, hearing, work

## Outcome measures

### Primary outcome

Hearing disability as measured with the Dutch National Hearing Screening test.

Psychosocial health status

Participation in work

Use of health care

### Secondary outcome

not applicable

## Study description

### Background summary

Hearing loss is one of the most common conditions affecting people. In the Netherlands, about 1.5 million people suffer from hearing loss. It means that one in ten persons experience hearing difficulties. The consequences of hearing impairment among older adults have been extensively studied. However, relatively little is known about the effect of hearing impairment among younger adults, aged 18 - 80 years. Do hearing impaired adults differ from normally hearing peers in their participation at the labour market? Does hearing loss affect work and income? Do hearing impaired younger adults experience more feelings of loneliness compared to their normally hearing peers? To what extent does the deterioration of hearing affect this relationship?

In order to be able to address those questions, the National Longitudinal Study on Hearing (NL-SH) started in 2006. The study will be performed at the dept. of ENT / Audiology of the VU University medical center.

We aim to continue the NL-SH by conducting a second measurement cycle. This will allow us to investigate the course of hearing loss over a 5 year period in relation to a range of conditions and variables. We will use and build on the infrastructure of the existing NL-SH. A few validated questionnaires will be added, because participants declared that they missed several themes in the

data collection.

Besides, we want to increase the number of participants so as to increase the number in order to control for loss to follow-up. Currently, more than 1850 subjects are participating in our study. We want to expand this number to 4000 adults.

The above changes do not have any consequences for our participants. Participants will be asked to fill in some extra questionnaires within the second measurement cycle. The baseline questionnaire will be unchanged and will be submitted to the new participants.

### **Study objective**

The aim of this study is to examine the relationship between hearing impairment and various aspects of life, such as work, psychosocial health, quality of life and use of health care. The results will yield more insight into the role of hearing loss in various domains. Such information is required to adequately develop and organize policy and health care.

### **Study design**

Prospective Cohort Study

### **Study burden and risks**

The burden of the participants will comprise the performance of the Dutch National Hearing Screening test over the Internet and the completion of various questionnaires focusing on work, psychosocial health, quality of life and use of health care. Once in two years, the participants will be requested to complete some questionnaires. Completing the questionnaires will take about 1,5 hours.

## **Contacts**

### **Public**

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### **Scientific**

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## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

Age: 18 - 80 years

### Exclusion criteria

No availability of e-mail and Internet facilities

## Study design

### Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active
Primary purpose:	Health services research

## Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	01-11-2006
Enrollment:	4000
Type:	Actual

## Ethics review

Approved WMO	
Date:	09-10-2008
Application type:	First submission
Review commission:	METC Amsterdam UMC
Approved WMO	
Date:	22-03-2011
Application type:	Amendment
Review commission:	METC Amsterdam UMC

## 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
CCMO	NL12015.029.06