

A Test Battery To Assess The Benefits Of Bilateral Amplification With Hearing Aids*

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The aim of this study is to investigate which (combination of) laboratory situations require the full benefit of binaural hearing.

Ethical review	Approved WMO
Status	Pending
Health condition type	Hearing disorders
Study type	Observational non invasive

Summary

ID

NL-OMON34463

Source

ToetsingOnline

Brief title

A Bilateral Hearing Aid Test Battery

Condition

- Hearing disorders

Synonym

Hearing Impairment, Hearing Loss

Research involving

Human

Sponsors and support

Primary sponsor: Academisch Medisch Centrum

Source(s) of monetary or material Support: Overkoepelend orgaan van hoortoestel producenten, Overkoepelend orgaan van hoortoestel producenten (GN Resound, Siemens, Oticon, Widex en Phonak)

Intervention

Keyword: Bilateral Amplification, Bilateral Hearing Aid, Hearing Loss, Speech perception

Outcome measures

Primary outcome

In order to find a relation between the daily life and the laboratory situation, questionnaires assessing the daily life situation are correlated with the laboratory tests.

Secondary outcome

NA

Study description

Background summary

Indications for fitting one or two hearing aids are not always clear. People with moderate to severe hearing loss appear to be able to localise sounds considerably better with two hearing aids than with one hearing aid.

Study objective

The aim of this study is to investigate which (combination of) laboratory situations require the full benefit of binaural hearing.

Study design

A two-centred, observational feasibility study

Study burden and risks

Since this study is observational, the burden for the patient is minimal. Several tests, similar or equal to those done in clinical practice, will be done during a one time visit, after which the patient is requested to use one HA for the period of two weeks. If desired, the subject can always choose to start using two HAs again during this period.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Between 18 and 70 years of age

* 2 years of bilateral hearing aid use

> 5 hours hearing aid use per day

Sensorineural hearing loss

Symmetrical hearing loss

Willing to use only one hearing aid for at minimum two weeks; Unaided hearing thresholds:

HT < 40 dB PTA1-2-4kHz (10 participants per centre)

HT * 50 dB PTA1-2-4kHz (10 participants per centre)

Exclusion criteria

Language problems
Conductive hearing loss

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)

Primary purpose: Treatment

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	15-06-2010
Enrollment:	30
Type:	Anticipated

Ethics review

Approved WMO	
Application type:	First submission
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	NL32577.018.10