# Counselling, prescribing and instruction-effects of closed circuit television systems in rehabilitation of visually impaired adults

Submission date	Recruitment status	[X] Prospectively registered
05/09/2007	No longer recruiting	[X] Protocol
Registration date	Overall study status	Statistical analysis plan
05/09/2007	Completed	Results
Last Edited	Condition category	Individual participant data
16/08/2010	Eye Diseases	Record updated in last year

# Plain English summary of protocol

Not provided at time of registration

# Contact information

# Type(s)

Scientific

#### Contact name

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#### Contact details

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# Additional identifiers

Protocol serial number

NTR1031; 94305005

# Study information

Scientific Title

#### Study objectives

The most important objectives in this study are:

- 1. The actual process of counselling, prescribing and delivering a Closed Circuit Television (CCTV) to visually impaired adults
- 2. The development of a standardised method to instruct and train patients how to use a CCTV
- 3. The effectiveness of this instruction and training program in the use of a CCTV, and
- 4. The feasibility of this instruction and training program

It is to be expected that a standardised instruction program on how to use a CCTV will improve acceptance and that the frequency and time and number of tasks this aid is used by visually impaired people as well as reading speed, compared to those who only get the usual delivery instruction will be higher.

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Approved by the Medical Ethics Committee of the VU University Medical Center, Amsterdam

#### Study design

Multicentre single blinded randomised active controlled parallel group trial

#### Primary study design

Interventional

## Study type(s)

Quality of life

# Health condition(s) or problem(s) studied

Eye conditions, Visual impairment

#### **Interventions**

The intervention will consist of the newly developed standardised training program in the use of the CCTV for those persons who were counselled for this use in the three national Dutch rehabilitation centres.

## Intervention Type

Other

#### Phase

**Not Specified** 

#### Primary outcome(s)

The development of an optimal rehabilitation protocol for the instructions of the use of CCTVs for visually impaired adults. It will focus on several specific objectives:

- 1. To study the present process of counselling, prescribing and delivering a CCTV to visually impaired patients
- 2. To develop a standardized method to instruct and train visually impaired patients in using a CCTV

- 3. To study the effectiveness of this instruction and training program in the use of a CCTV
- 4. To study the feasibility of this instruction and training program

## Key secondary outcome(s))

- 1. Reading speed (LEO test)
- 2. Understanding of texts (Aarnoutse test)
- 3. Activity inventory, frequency, nature and time of the use of a CCTV

#### Completion date

01/10/2009

# **Eligibility**

#### Key inclusion criteria

- 1. Visually impaired according to the Dutch guidelines
- 2. Acceptance of the conditions of the study (informed consent)
- 3. Above age of 18 years
- 4. Sufficient understanding of the Dutch language (Cito-NT2 level higher than or equal to 3)
- 5. Competence to understand the questions of the questionnaires (adequate cognitive ability)

#### Participant type(s)

**Patient** 

## Healthy volunteers allowed

No

#### Age group

Adult

## Lower age limit

18 years

#### Sex

All

#### Key exclusion criteria

Patient stays (or stayed before) in a psychogeriatric institution.

#### Date of first enrolment

01/12/2007

#### Date of final enrolment

01/10/2009

# Locations

#### Countries of recruitment

Netherlands

Study participating centre
Vrije University Medical Centre
Amsterdam
Netherlands
1007 MB

# Sponsor information

#### Organisation

Vrije University Medical Centre (VUMC) (Netherlands)

#### **ROR**

https://ror.org/00q6h8f30

# Funder(s)

#### Funder type

Research organisation

#### **Funder Name**

The Netherlands Organisation for Health Research and Development (ZonMw) (Netherlands)

# **Results and Publications**

Individual participant data (IPD) sharing plan

# IPD sharing plan summary

Not provided at time of registration

## **Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol article	protocol	10/03/2010		Yes	No