

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

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

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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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

Primary study design

Interventional

Study design

Multicentre single blinded randomised active controlled parallel group trial

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