

Homebased Medication Review: evaluation of homebased medication review by community pharmacists in elderly people: a randomised controlled trial

Submission date 05/09/2007	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 05/09/2007	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 17/09/2008	Condition category Other	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

Study information

Scientific Title

Study objectives

An home-based medication review intervention conducted by a community pharmacists in close collaboration with the General Practitioner (GP) and patient improves the quality of pharmacotherapy in elderly patients.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval received from the Medical Ethics Board of UMC Utrecht (University Medical Centre in Utrecht) (The Netherlands) on the 7th August 2007 (ref: 07-120/E; CCMO no.: 16412.041.07).

Study design

Multicentre, randomised, placebo-controlled, parallel group trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

GP practice

Study type(s)

Quality of life

Participant information sheet

Health condition(s) or problem(s) studied

Home-based medication review

Interventions

A medication review will be performed by the patients pharmacist, using the medication list and GP clinical records. The medication review is evaluated and, if necessary, completed by an independent pharmacist panel. All potential drug related problems are identified and classified. The pharmacist visits the patient at home for an interview about the patient's medicines and to identify other possible drug related problems. The medication review will be completed using the information from the patient's interview. Adjustments in pharmacotherapy will be proposed and discussed with the patients GP. A treatment plan will be formulated. The GP or pharmacist will discuss the treatment plan with the patient.

Patients in the control group receive regular care.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

1. The number of drug related problems per patient
2. The number of patients achieving target levels concerning blood pressure, cholesterol and HbA1C

Outcomes will be measured at baseline ($t = 0$), and after 6 and 12 months after the intervention.

Secondary outcome measures

1. The number of patient being treated optimally according to clinical guidelines
2. The number of medicines per patient
3. The number unplanned hospital admissions
4. Change in mean values for HBA1C, cholesterol level and/or blood pressure
5. Quality of life
6. Satisfaction of GPs, pharmacists and patient with the intervention
7. The capability of pharmacists to perform a comprehensive medication review

Outcomes will be measured at baseline ($t = 0$), and after 6 and 12 months after the intervention.

Overall study start date

01/09/2007

Completion date

01/09/2009

Eligibility**Key inclusion criteria**

1. Persons aged 65 years or older
2. Prescribed five or more regular medicines, including at least one cardiovascular or anti-diabetic drug

Participant type(s)

Patient

Age group

Senior

Sex

Both

Target number of participants

400

Key exclusion criteria

Persons receiving repeat prescriptions solely from a specialist.

Date of first enrolment

01/09/2007

Date of final enrolment

01/09/2009

Locations**Countries of recruitment**

Netherlands

Study participating centre

SIR Institute for Pharmacy Practice and Policy

Leiden

Netherlands

2331 JE

Sponsor information**Organisation**

Lloyds Apotheken (The Netherlands)

Sponsor details

Postbus 191

Baarn

Netherlands

3740 AD

info@lloydsapotheken.nl

Sponsor type

Industry

Website

<http://www.lloydsapotheken.nl/>

ROR

<https://ror.org/04ph6g561>

Funder(s)

Funder type

Industry

Funder Name

AstraZeneca (The Netherlands)

Alternative Name(s)

AstraZeneca PLC, Pearl Therapeutics

Funding Body Type

Government organisation

Funding Body Subtype

For-profit companies (industry)

Location

United Kingdom

Funder Name

Menzis Healthcare Insurance (Menzis Zorgverzekeraar) (The Netherlands)

Funder Name

Lloyds Apotheken (The Netherlands)

Funder Name

Achmea (The Netherlands)

Funder Name

Royal Dutch Pharmaceutical Society (Koninklijke Nederlandse Maatschappij ter bevordering der Pharmacie [KNMP]) (The Netherlands)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date**Individual participant data (IPD) sharing plan**

IPD sharing plan summary
Not provided at time of registration