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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	[_] Prospectively registered [_] Protocol
Registration date 05/09/2007	**Overall study status** Completed	[_] Statistical analysis plan [_] Results
Last Edited 17/09/2008	**Condition category** Other	[_] 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

NTR1036

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