ISRCTN66700837 https://doi.org/10.1186/ISRCTN66700837

A randomised controlled trial of a pharmacy care plan for elderly patients discharged from hospital.

Submission date
23/01/2004

Recruitment status
No longer recruiting

Registration date
23/01/2004

Overall study status
Completed

Last Edited
01/12/2009

Condition category
Other

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

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
PSI02-25

Study information

Scientific Title

Study objectives
1. Evaluate the efficacy of a pharmacy care plan for elderly patients above the age of 75 on four or more medications, discharged from hospital.
2. Assess the views of the hospital and community pharmacist on the service provided.
3. Assess the time taken by the hospital and community pharmacists in developing the pharmacy care plans.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Randomised controlled trial

Study type(s)
Other

Health condition(s) or problem(s) studied
Pharmacy care for the elderly

Interventions
A pharmacy care plan (PCP), specific to the needs of each patient was designed to co-ordinate and rationalise their medications. The PCP was then sent to all community professionals involved in the care of the patient. All patients were visited twice by a community pharmacist within two weeks of discharge from hospital to ensure that the care plan had been implemented.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
Patient outcomes: The outcomes measured at 3 and 6 months were:
1. Mortality: total numbers of deaths
2. Morbidity: change in total scores of global well being as measured by the General well being questionnaire
3. Satisfaction with services: changes in total scores of the client satisfaction questionnaire
4. Knowledge of and compliance and hoarding of medication: changes in outcomes derived from the prescribed medicine questionnaire
5. Labelling of prescribed medication and drug interactions: derived from information contained

in the prescribed medicine questionnaire
6. Hospital admission and outpatient attendance rates: changes in total numbers
7. General practice attendances and home visits: changes in total numbers

Pharmacist outcomes: The views of all participating hospital and community pharmacists involved in the delivery of the care plans were assessed using a nominal group process and a questionnaire respectively. In addition the time taken to deliver each intervention was assessed using the random bleeper method for the hospital pharmacists and a self report questionnaire for the community pharmacist.

Key secondary outcome(s)
Not provided at time of registration

Completion date
01/05/1998

Eligibility

Key inclusion criteria
Patients living in Camden and Islington, aged over 75 years and taking four or more medicines due to be discharged between June 1995 to March 1997, were recruited to the study. The hospital pharmacists at all four hospitals and the community pharmacists allocated to each patients on discharge also participated in this study.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Senior

Sex
All

Key exclusion criteria
Does not match inclusion criteria

Date of first enrolment
01/04/1995

Date of final enrolment
01/05/1998

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Department of Primary Care / Population Sciences
London
United Kingdom
NW3 2QG

Sponsor information

Organisation
Record Provided by the NHS R&D 'Time-Limited' National Programme Register - Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
NHS Primary and Secondary Care Interface National Research and Development Programme (UK)

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?
Results article	results	01/01/2001		Yes	No