# Randomised controlled trial and economic evaluation of domiciliary medication review by pharmacists in Norfolk & Suffolk

Submission date Recruitment status Prospectively registered 11/02/2003 No longer recruiting [ ] Protocol Statistical analysis plan Registration date Overall study status 11/02/2003 Completed [X] Results [ ] Individual participant data Last Edited Condition category 07/09/2009 Other

## 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** G106/991

# Study information

#### Scientific Title

#### Acronym

The HOMER trial

#### **Study objectives**

To determine whether domiciliary medication review leads to reductions in emergency hospital admissions and an improvement in quality of life compared to standard care among elderly subjects (80 years old and over).

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Not provided at time of registration.

#### Study design

Randomised controlled trial

#### Primary study design

Interventional

#### Study type(s)

Quality of life

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

Not Applicable

#### **Interventions**

Two groups:

Control group received standard care (whatever that entails).

Intervention group are referred to a review pharmacist. The review pharmacist will complete a standard medication review form and will then arrange a home visit at a time when they can meet the patient and any carers helping them with their drugs. The home visit will include a brief assessment of their ability to self-medicate and an assessment of drug compliance. The review pharmacist will, where appropriate:

- a. Educate the patient/carer
- b. Remove out-of-date drugs (with the patient's consent)
- c. Feedback to the GP possible drug reactions/interactions
- d. Feedback to the local pharmacist the need for a compliance aid.

One follow-up visit will occur at 6-8 weeks post-recruitment to allow reinforcement of the original advice.

#### Intervention Type

Other

#### **Phase**

#### Not Applicable

#### Primary outcome(s)

Total number of emergency hospital admissions by 6-months

#### Key secondary outcome(s))

- 1. Total number of emergency hospital admissions by 3 months
- 2. Hospital/nursing/residential home admissions for respite care by 3 & 6 months
- 3. Admissions to nursing/residential care for long-term care by 3 & 6 months
- 4. Deaths by 3 & 6 months
- 5. Self-assessed quality of life at 3 & 6 months (using EQ-5D)
- 6. Average medication costs at 6 months

## Completion date

31/12/2004

## Eligibility

#### Key inclusion criteria

- 1. Discharged after an emergency hospital admission
- 2.80 years and over
- 3. Prescribed two or more daily medications
- 4. Living in own home or warden controlled accommodation
- 5. Norfolk or Suffolk resident

### Participant type(s)

Patient

## Healthy volunteers allowed

No

#### Age group

Senior

#### Sex

All

## Key exclusion criteria

Living in a residential or nursing home.

#### Date of first enrolment

01/01/2001

#### Date of final enrolment

31/12/2004

## Locations

#### Countries of recruitment

United Kingdom

Study participating centre School of Medicine Norwich United Kingdom NR4 7TJ

# Sponsor information

#### Organisation

Medical Research Council (MRC) (UK)

# Funder(s)

## Funder type

Research council

#### **Funder Name**

NHS Eastern Region R&D (reference number: HSR/1199/2) (UK)

#### **Funder Name**

Medical Research Council (reference number: G106/991) (UK)

#### Alternative Name(s)

Medical Research Council (United Kingdom), UK Medical Research Council, MRC

#### **Funding Body Type**

Government organisation

#### **Funding Body Subtype**

National government

#### Location

United Kingdom

#### **Funder Name**

Norfolk Health Authority (no reference number allocated) (UK)

#### Funder Name

Norfolk Social Services (no reference number allocated) (UK)

#### Funder Name

Suffolk Social Services (no reference number allocated) (UK)

#### Funder Name

Pharmacy Practice Unit, UEA (no reference number allocated) (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	05/02/2005		Yes	No