

Pharmacists' review of medicine during admission to hospital

Submission date 04/03/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 06/04/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 17/11/2010	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

Study information

Scientific Title
Pharmaceutical optimization of the medication process during admission to hospital: A multicentre, randomised, controlled trial

Acronym
POMP

Study objectives

A pharmaceutical intervention consisting of: review and use of patient 's own drugs, secondary medication history, medication review and entry of proposed prescriptions in the electronic medication system will reduce the number of adverse drug events during hospital stay.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approval by the Danish Ethics Committee is not applicable since the study is not of biomedical nature

Study design

Multicentre interventional prospective randomised clinical controlled trial

Primary study design

Interventional

Study type(s)

Prevention

Health condition(s) or problem(s) studied

In-hospital adverse drug events

Interventions

Please note that the anticipated end date for this trial has been extended from 01/11/10 to 31/03/10.

Intervention Group

1. Review and use of patient own drugs by clinical pharmacist.
2. Clinical pharmacist taking secondary medication history.
3. Medication review by clinical pharmacist.
4. Entry of proposed prescriptions in the electronic medication system by pharmacist, ready for approval by doctor.

The intervention takes place on the day the patient is admitted, and the duration of the intervention is approximately 1.5 hours.

Control Group

Standard care with no pharmacist involvement

There is no follow up examination, but re-admission rates will be noted for 1 year post intervention.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Number of patients with in-hospital adverse drug events, detected by Adverse Drug Event Trigger Tool.

Key secondary outcome(s)

1. Length of hospital stay
2. Number of readmissions during the first year after admission
3. Direct cost for the hospital

Completion date

31/03/2011

Eligibility

Key inclusion criteria

1. Patients being admitted to an internal medicine ward
2. Age 18 years or more
3. Taking 4 types of medicine or more each day
4. Able to understand participant's information written in Danish

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

1. Patients transferred from other hospitals in the area
2. Dying or terminally ill patients
3. Patients being discharged within 48 hours from admission

Date of first enrolment

08/03/2010

Date of final enrolment

31/03/2011

Locations

Countries of recruitment

Denmark

Study participating centre
Ringstedgade 63
Naestved
Denmark
DK-4700

Sponsor information

Organisation

Region Zealand Hospital Pharmacy (Region Sjælland Sygehusapoteket) (Denmark)

ROR

<https://ror.org/01dtyv127>

Funder(s)

Funder type

Government

Funder Name

Region Zealand (Region Sjælland) (Denmark)

Funder Name

Region Zealand Hospital Pharmacy (Region Sjælland Sygehusapoteket) (Denmark)

Funder Name

Hospital pharmacists and Amgros' Research and Development (Sygehusapotekernes- og Amgros Forsknings- og udviklingsfond) (Denmark)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration