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Pharmacists' review of medicine during admission to hospital

Submission date	Recruitment status	[ ] Prospectively registered
04/03/2010	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
06/04/2010	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
17/11/2010	Other	[ ] 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
N/A

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 'sown 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

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Prevention

Participant information sheet
Not available in web format, please use contact details below to request a patient information sheet.

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

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

Overall study start date
08/03/2010

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

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
648 (across 3 centres)

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 Sjaelland Sygehusapoteket) (Denmark)

Sponsor details
Ringstedgade 63
Naestved
Denmark
DK-4700

Sponsor type
Other

ROR
https://ror.org/01dtyv127

Funder(s)

Funder type
Government

Funder Name
Region Zealand (Region Sjaelland) (Denmark)

Funder Name
Region Zealand Hospital Pharmacy (Region Sjaelland Sygehusapoteket) (Denmark)

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

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