PCAD (Pharmaceutical Consultation At Discharge)

Gepubliceerd: 03-11-2008 Laatst bijgewerkt: 18-08-2022

N/A

Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON25210

Bron
NTR

Verkorte titel
PCAD

Aandoening

Drug related problems (medicijn gerelateerde problemen)

Ondersteuning

Primaire sponsor: N/A
Overige ondersteuning: Sint Lucas Andreas Hospital

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Re-hospitalisations after six months will be the primary outcome measure.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale:

Hospital admissions are a risk factor for the occurrence of discontinuity in medication use, which may lead to suboptimal outcomes of instituted pharmacotherapy.
This may be caused by: unintended discrepancies in the hospital medication versus the medication used at home, insufficient patient counselling and insufficient communication to primary care about for example changes in pharmacotherapy. At present it is unknown whether interventions aimed at these aspect indeed result in less discontinuity and thus in less harm.

Objective:

The objective is to determine the effect on re-admission rates of specific interventions aimed at improving hospital discharge with respect to medication transfer within a multicultural patient population.

Study design:

An observational study will be performed in which the effects of the interventions will be compared between the usual care group (pre-intervention phase) and the study group (post-intervention phase).

Study population:
The study will be performed at the internal medicine ward. All patients being discharged with at least one prescribed drug will be included in the study unless they meet one of the following exclusion criteria: no informed consent given, discharged within 24 hours, terminally ill according to their treating physician, physically/mentally unable to be counseled, discharged out of office hours, the patient nor his family can be informed in a language spoken by the counselors, and discharged to a nursing home.

Intervention:
The intervention will consist of: medication reconciliation at admission and discharge, individualized patient counseling at discharge and structured communication between the hospital and primary care.

Main study parameters/endpoints:
The primary outcome measure is the readmission rate. In addition several secondary

outcome measures with respect to medication safety will be analysed, such as compliance, change in attitude about medication, satisfaction with medication information, quality of life and costs. Interrupted time series analysis will be used for data-analysis.

Doel van het onderzoek

N/A

Onderzoeksopzet

- counseling at discharge and questionnaire on compliance, change in attitude about medication, satisfaction with medication information.

- Patient fills in the questionnaire again at one month after discharge.

- Patient fills in a cost diary during three months.

- Re-hospitalisation within 6 months after hospitalization are checked.

Onderzoeksproduct en/of interventie

The PCAD project consists of the following three interventions:

- medication reconciliation at admission and discharge (i.e. correcting discrepancies and checking quality of pharmacotherapy),

- individualized patient counseling at discharge, also for non-native Dutch patients

- structured communication between the hospital and primary care.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Patients at the department of internal medicine who are prescribed at least one medication.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. No informed consent given

2. Discharged within 24 hours

3. Terminally ill according to their treating physician

4. Unable to be counseled (physically/mentally/language restrictions only if familiy can't be counseled also)

5. Discharged out of office hours

6. Discharged to a nursing home.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-04-2009
Aantal proefpersonen:	720
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing

Soort:	Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL1458
NTR-old	NTR1519
Ander register	ABR-form : 25519
ISRCTN	ISRCTN wordt niet meer aangevraagd

Resultaten

Samenvatting resultaten

N/A