Shared care for patients with chronic kidney disease in nephrology and general practice.

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The hypothesis is that patients with chronic kidney disease will meet treating goals better when they are treated in a shared care model by a general practitioner, a practice nurse and with online consultation of a nephrologist.

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON20375

Bron
Nationaal Trial Register

Verkorte titel
SHARING

Aandoening

1. Chronic kidney disease;

2. Diabetes mellitus;

3. Hypertension;

(NLD: verminderde nierfunctie, diabetes mellitus, hypertensie).

Ondersteuning

Primaire sponsor: Department of General Practice
Radboud University Medical Center Nijmegen (UMCN)
Department of Nephrology, Radboud University Medical Center Nijmegen

Overige ondersteuning: Dutch Kidney Foundation (Nierstichting Nederland).

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

A blood pressure below 130/80 mmHg or decline in blood pressure of 5 mm Hg.

Toelichting onderzoek

Achtergrond van het onderzoek

A randomized controlled trial will be performed: 9 GP practices will be randomised to control or intervention. Patients with hypertension and/or diabetes mellitus with an estimated glomerular filtration rate < 60 ml/min/1.73 m² (MDRD)will be included in the study with a minimum of 20 and a maximum of 28 patients per practice.

The patients in intervention practices will be monitored:

1. Cardiovascular risk (smoking, blood pressure, cardiovascular co-morbidity);

2. Laboratory: creatinine, ureum, sodium, potassium, calcium, phosphate, Hb, MCV, lipids, fasting glucose, glyHb;

3. Urine: albumin, protein, creatinine;

4. Important co morbidity;

5. Medication;

6. UKPDS or SCORE riskengine score.

After 12 months this monitoring will be repeated.
The intervention patients will be treated by GP and practice nurse according to a shared care model. Patients with a GFR < 30 ml/min/1.73 m² or a GFR between 30 ¨C60 GFR /min/1.73 m² and proteinuria will be presented to a nephrologist by web based consultation.

In control practices of the NMP project patients will receive usual care (according to the diabetes- and cardiovascular risk-guidelines of the Dutch College of General Practitioners).

Doel van het onderzoek

The hypothesis is that patients with chronic kidney disease will meet treating goals better when they are treated in a shared care model by a general practitioner, a practice nurse and with online consultation of a nephrologist.

Onderzoeksopzet

Blood sample and blood pressure when included (baseline) and after 12 months.

Onderzoeksproduct en/of interventie

In intervention practices patients will be treated conform a shared care model by a practice nurse, a GP and a nephrologist. A treatment protocol and web based consultation will be part of this shared care model.

Goals are optimal management of cardiovascular risk.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Patients with hypertension and/or diabetes mellitus with an estimated glomerular filtration rate < 60 ml/min/1.73 m² (MDRD).

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Patients with serious medical or psychiatric conditions or drug or alcohol abuse;

2. patients under specialist care for chronic kidney disease in the last year;

3. analphabetism or not being able to read/understand Dutch language (including cognitive disorders);

4. participation in another intervention trial within 30 days before the start of the study.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Actieve controle groep

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-04-2008
Aantal proefpersonen:	225
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	25-11-2007
Soort:	Eerste indiening

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	NL1105
NTR-old	NTR1140
Ander register	Department of General Practice, Nijmegen : PV 35 (dutch kidney foundation)
ISRCTN	ISRCTN wordt niet meer aangevraagd

Resultaten

Samenvatting resultaten
N/A