

Does an intensive development procedure of multidisciplinary guidelines improve prescribing behaviour: a pre/post study with concurrent control group and a randomised subgroup

Submission date 20/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 28/09/2005	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 10/09/2009	Condition category Other	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

Study information

Scientific Title

Study objectives

Two hypotheses:

1. Dissemination of locally and multidisciplinary developed guidelines can lead to a modest but relevant change of volumes of prescriptions in the desired direction
2. What is the additional effect on change of volumes of prescriptions because of involving the target group in the preparation and development of the guidelines

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

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Not Specified

Participant information sheet

Health condition(s) or problem(s) studied

Improving rational prescribing behaviour among GPs in the Netherlands

Interventions

The randomised intervention concerns the intensified involvement of GPs in the development procedure of a set of prescription guidelines. A randomised subgroup of GPs were invited for a more intense role and received conceptual guidelines to comment on them. The other GPs only received the final version of the prescription guidelines. The second design of our study, the quasi experiment, concerns the dissemination of locally and multidisciplinary guidelines in the south of the Netherlands, controlled by a comparable region elsewhere in the Netherlands. The guidelines contained 14 recommendations on antibiotics, asthma/COPD drugs and cholesterol drugs.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Prescription data, gathered retrospectively per GP per month during the period 2001-2004. Expected directions of change have been defined based on the detailed recommendations contained in the guidelines, in combination with estimates based on the expertise of the initially involved key regional representatives.

Secondary outcome measures

Drug volumes and pre/post changes between groups on short-term and long term (one and two years after).

Overall study start date

01/02/2001

Completion date

01/02/2004

Eligibility**Key inclusion criteria**

Completeness of the GPs data (no missing data per GP for more than one year) and at least 500 patients in the GPs practice

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

All GPs in the region Maastricht (n = 53)

Key exclusion criteria

GPs outside the region

Date of first enrolment

01/02/2001

Date of final enrolment

01/02/2004

Locations**Countries of recruitment**

Netherlands

Study participating centre

Department of Health Organisation, Policy and Economics

Maastricht

Netherlands

6200 MD

Sponsor information

Organisation

Care and Public Health Research Institute (CAPHRI) (Netherlands)

Sponsor details

P.O. Box 616

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Sponsor type

Research organisation

Website

<http://www.caphri.unimaas.nl>

ROR

<https://ror.org/02jz4aj89>

Funder(s)

Funder type

Industry

Funder Name

The two local insurance companies (VGZ and CZ) provided funding sources for this study (Netherlands).

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	02/11/2006		Yes	No