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Evaluation of the effect of the diagnostic and therapeutic advices given by an Asthma/chronic obstructive pulmonary disease (COPD) service on the referring general practitioners and their patients

Submission date 20/12/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol
Registration date 20/12/2005	**Overall study status** Completed	[_] Statistical analysis plan [_] Results
Last Edited 10/10/2008	**Condition category** Respiratory	[_] Individual participant data [_] 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

Protocol serial number
Internal budget number 30.95.01.04.b

Study information

Scientific Title

Study objectives
Not provided at time of registration

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Multicentre, randomised, active controlled, parallel group trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Asthma, chronic obstructive pulmonary disease (COPD)

Interventions
The intervention in the trial was the diagnostic and therapeutic advice offered to the general practitioners by the Asthma/COPD-service in Eindhoven. These advices are a new but already introduced facility for general practitioners and their patients. This facility is in the process of implementation. General practitioners in the research project who, after randomisation, are eligible to first use the facility are considered to be the intervention group (N=17). General practitioners who dont get the full support of the Asthma/COPD-service yet (N=17) are considered to be the control group.

Each general practice participates in the research project for two years. In this period the patients of the intervention group receive two yearly follow-up consultations at the Asthma /COPD service, on request of their general practitioner. Medical history and spirometry is performed. A lung specialist assesses by protocol the written results of these measurements and sends a structured report to the general practitioner. This report includes a diagnosis or an advice for further diagnostic examinations, and advices for treatment.

In the control group the general practitioners can have spirometry performed for their patients in the way they are used to. However, they dont get the full report of the Asthma/COPD-service, only the description of the lung function.

Intervention Type
Other

Phase

Not Specified

Primary outcome(s)
1. Do general practitioners assess better diagnoses, according tot the NHG-standards, in Asthma /COPD-patients: do more patients have a correct diagnosis, do less patients have a wrong or incomplete diagnosis or no diagnosis at all?
2. Do general practitioners give their patients a better treatment, according to the NHG-standards: do more patients get the right medication, do less patients get wrong or unnecessary medication. Do patients receive more information about their disease and about self management?
3. Do patients have a better compliance, do they better follow the advices about stop smoking, exercise, do they have fewer complaints and a better quality of life?

Key secondary outcome(s))
1. Validity and reliability of the assessment and the reports of the Asthma/COPD-service
2. Epidemiological data about the prevalence of Asthma/COPD in general practices, the (incorrect) use of medication of in general practice
3. Costs of a support as given by the Asthma/COPD-service, related to the diagnostic and therapeutic gain in patient care

Completion date
31/12/2005

Eligibility

Key inclusion criteria
All general practices in and around the city of Eindhoven could be included as long as they used the facilities of the Diagnostic Centre, which the Asthma/COPD-service is a part of. Although they should not have any experience with the support of the Asthma/COPD-service. They were also excluded in case they had employed a "praktijkondersteuner" (specialised nurse or assistant) for the Asthma/COPD disease management.

In the intervention as well as in the control practices, all patients 12 years and older that have airway complaints could participate as long as they were not treated by a lung specialist.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Other

Sex
All

Key exclusion criteria
See inclusion criteria.

Date of first enrolment
01/01/2003

Date of final enrolment
31/12/2005

Locations

Countries of recruitment
Netherlands

Study participating centre
Onderzoeksinstituut Caphri
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Sponsor information

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

ROR
https://ror.org/02jz4aj89

Funder(s)

Funder type
Research organisation

Funder Name
Partners in Care Solutions (PICASSO) (The Netherlands)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration