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Cluster randomised controlled trial of an educational intervention to optimise antibiotic prescribing for acute cough

Submission date	Recruitment status	[_] Prospectively registered
15/10/2002	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
15/10/2002	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
09/10/2007	Respiratory	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Mr Samuel Coenen

Contact details
Centre for General Practice
University of Antwerp
Universiteitsplein 1
Antwerp
Belgium
B-2610
+32 (0)3 820 25 25
samuel.coenen@ua.ac.be

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

Study information

Scientific Title

Study objectives
This study aims to establish a valid estimate of the effect of perceived patient demand on General Practitioners (GPs) antibiotic prescribing, specifically for patients consulting with acute cough as one of the most prominent complaints, and to contribute to the necessary understanding of this complex prescription decision.

Ethics approval required
Old ethics approval format

Ethics approval(s)
This study was approved by the medical ethics committee of the University of Antwerp (A99-088).

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
GP practice

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Acute cough

Interventions
Only the GPs in the intervention group received our guideline for the management of acute cough, followed by an educational outreach visit to discuss the implementation of the guideline and a postal reminder with the key message of the guideline.

Intervention Type
Other

Phase
Not Specified

Primary outcome measure
The antibiotic prescribing rate by GPs for adult patients with acute cough.

Secondary outcome measures
1. Type of antibiotics prescribed, if any
2. Change in antibiotic prescribing affecting symptom resolution

Overall study start date
01/01/2000

Completion date
01/01/2002

Eligibility

Key inclusion criteria
Flemish GPs randomised participants into an intervention and a control group including:
1. Immunocompetent patients
2. Aged 18 - 65 years old
3. With a new or worsening cough present for less than 30 days as (one of the) most prominent complaint(s) and as the reason for a first encounter at the GPs practice

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
85 Flemish GPs

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/01/2000

Date of final enrolment
01/01/2002

Locations

Countries of recruitment

Belgium

Study participating centre
Centre for General Practice
Antwerp
Belgium
B-2610

Sponsor information

Organisation
University of Antwerp (Belgium)

Sponsor details
Centre for General Practice
Universiteitsplein 1
Antwerp
Belgium
B-2610

Sponsor type
University/education

Website
http://www.ua.ac.be/

ROR
https://ror.org/008x57b05

Funder(s)

Funder type
Research organisation

Funder Name
Fund for Scientific Research, Flanders (Belgium) - Samuel Coenen was research assistant

Funder Name
The Scientific Society of Flemish General Practitioners (Belgium) - funded the development of the guideline for the management of acute cough

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	01/03/2006		Yes	No