

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

Submission date	Recruitment status	<input type="checkbox"/> Prospectively registered
15/10/2002	No longer recruiting	<input type="checkbox"/> Protocol
Registration date	Overall study status	<input type="checkbox"/> Statistical analysis plan
15/10/2002	Completed	<input checked="" type="checkbox"/> Results
Last Edited	Condition category	<input type="checkbox"/> Individual participant data
09/10/2007	Respiratory	

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

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

Study type(s)

Treatment

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(s)

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

Key secondary outcome(s)

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

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

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

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)

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

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