

A collaborative primary care-based approach to managing upper respiratory tract infections as a strategy to reduce antibiotic prescribing

Submission date 20/06/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 21/09/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 06/02/2014	Condition category Respiratory	<input type="checkbox"/> Individual participant data <input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

COM/2732/04

Study information

Scientific Title

Study objectives

Can a collaborative primary care-based approach between community pharmacists and general practitioners decrease antibiotic prescribing for Upper Respiratory Tract Infections (URTIs).

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethical approval was granted 20th July 2005 by the Office for Research Ethics Committee Northern Ireland No 3. REC (reference number: 05/NIR03/154).

Study design

Phase 1 is a cluster randomised control trial. Phase 2 is a qualitative approach including focus groups and semi-structured interviews.

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Other

Study type(s)

Other

Participant information sheet

Health condition(s) or problem(s) studied

Upper Respiratory Tract Infections

Interventions

Intervention community pharmacists will assess patients referred from General Practitioner (GP) practices using the Network Organisation Technology Research Center (CENTOR) algorithm to assist them in making an appropriate treatment choice with a non-prescriptive medicine.

Control pharmacists will provide usual care.

Intervention Type

Other

Phase

Phase I/II

Primary outcome measure

The rate of antibiotic prescribing for URTIs.

Secondary outcome measures

1. Comparison of treatment success rates of URTIs between Intervention and Control groups
2. Patient satisfaction with URTI management
3. Economic analysis of the cost of the new pharmacy service

Overall study start date

01/03/2005

Completion date

28/02/2007

Eligibility**Key inclusion criteria**

1. General practices with between 3,000 to 8,000 and over 8,000 patients and complete computerised prescribing
2. Community pharmacists who dispense 80% of issued prescriptions
3. Patients:
 - a. aged over five years
 - b. who request an appointment or prescription for an URTI
 - c. who use one of the participating pharmacies
 - d. who do not have a history of chronic respiratory or cardiac disease
 - e. who have not previously consulted with a pharmacist about their current symptoms

Participant type(s)

Patient

Age group

Not Specified

Sex

Both

Target number of participants

General Practices: 30; Pharmacies: 90; Patients: 7,500

Key exclusion criteria

1. General Practices with less than 2,500 patients and incomplete computerised prescribing
2. Community pharmacists who dispense less than 80% of issued prescriptions
3. Patients:
 - a. aged under 5 years
 - b. who do not use one of the participating pharmacies
 - c. who have a history of chronic respiratory or cardiac disease
 - d. who have previously consulted with a pharmacist about their current symptoms

Date of first enrolment

01/03/2005

Date of final enrolment

28/02/2007

Locations

Countries of recruitment

Northern Ireland

United Kingdom

Study participating centre

Queen's University Belfast

Belfast

United Kingdom

BT9 7BL

Sponsor information

Organisation

Queen's University Belfast (UK)

Sponsor details

Lanyon Building

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Sponsor type

University/education

ROR

<https://ror.org/00hswnk62>

Funder(s)

Funder type

Government

Funder Name

Research and Development Office, National Institutes of Health Stroke Scale (NIHSS) Central Services Agency (ref: COM/2732/04)

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