

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

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

### Contact name

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### Contact details

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## Additional identifiers

### Protocol serial number

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).

**Primary study design**

Interventional

**Study design**

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

**Study type(s)**

Other

**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(s)**

The rate of antibiotic prescribing for URTIs.

**Key secondary outcome(s)**

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

**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

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

All

**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**

United Kingdom

Northern Ireland

**Study participating centre**

**Queen's University Belfast**  
Belfast  
United Kingdom  
BT9 7BL

## **Sponsor information**

### **Organisation**

Queen's University Belfast (UK)

### **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**

### **Individual participant data (IPD) sharing plan**

### **IPD sharing plan summary**

Not provided at time of registration