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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	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 21/09/2006	**Overall study status** Completed	
Last Edited 06/02/2014	**Condition category** Respiratory	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Prof James McElnay

Contact details
Queen's University Belfast
Medical Biology Centre
97 Lisburn Road
Belfast
United Kingdom
BT9 7BL

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 betwen 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
University Road
Belfast
Northern Ireland
United Kingdom
BT9 7BL
+44 (0)28 9097 5800
g.mcaleavey@qub.ac.uk

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