

A randomised, controlled trial of clinical outreach education to rationalise antibiotic prescribing for dental conditions in the primary care setting.

Submission date 23/01/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 23/01/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 02/06/2010	Condition category Oral Health	☐ Individual participant data

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

RDO/90/17

Study information

Scientific Title

Study objectives

Rationalisation of antibiotic prescription for acute dental conditions in the primary care setting.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Oral health/stomatognathic diseases

Interventions

1. Development and piloting of the educational package
2. Training of academic detailer
3. Recruitment of the study population of general dental practitioners and general medical practitioners randomised into a test and a control group
4. Data collection and statistical analysis by questionnaires to collect patient and prescribing data at baseline for six months
5. Test group will receive patient and professionals-mediated educational materials and academic detailing visitation on prescribing antibiotics for dental conditions. The control group will continue with data collection as described in (4) above and will receive no additional intervention. Data collection will be maintained for both groups for at least 3 months.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Changes in the prescribing habits of general medical and general dental practitioners resulting in:
 - 1.1 A reduction in the overall prescription of antibiotics.
 - 1.2 A reduction in the unnecessary prescription of broad-spectrum antibiotics which contribute to the increase in

microbial resistance evident in the community.

1.3 Cost savings.

1.4 An indirect reduction of morbidity and mortality associated with anti-microbial resistant organisms.

2. A rationale for antibiotic prescribing

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/03/2002

Eligibility

Key inclusion criteria

Not provided at time of registration

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/11/1998

Date of final enrolment

31/03/2002

Locations

Countries of recruitment

United Kingdom

Wales

Study participating centre

Dept of Oral Surgery Medicine

Cardiff

United Kingdom
CF4 4XY

Sponsor information

Organisation

Record Provided by the NHS R&D 'Time-Limited' National Programme Register - Department of Health (UK)

Funder(s)

Funder type

Government

Funder Name

NHS National Programme for Primary Dental Care (UK)

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	26/08/2006		Yes	No