ISRCTN51223556 https://doi.org/10.1186/ISRCTN51223556

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

Registration date
23/01/2004

Overall study status
Completed

Last Edited
02/06/2010

Condition category
Oral Health

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
GP practice

Study type(s)
Not Specified

Participant information sheet

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 measure
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

Secondary outcome measures
Not provided at time of registration

Overall study start date
01/11/1998

Completion date
31/03/2002

Eligibility

Key inclusion criteria
Not provided at time of registration

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
Not provided at time of registration

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)

Sponsor details
The Department of Health
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

Sponsor type
Government

Website
http://www.doh.gov.uk

Funder(s)

Funder type
Government

Funder Name

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	26/08/2006		Yes	No