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Stemming the Tide of Antibiotic Resistance: a trial of an intervention addressing the 'why' and 'how' of appropriate antibiotic prescribing in general practices

Submission date
26/06/2006

Recruitment status
No longer recruiting

Registration date
22/08/2006

Overall study status
Completed

Last Edited
22/05/2012

Condition category
Infections and Infestations

[_] 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

Protocol serial number
G0500956

Study information

Scientific Title

Acronym
STAR

Study objectives
To examine if exposing prescribers in general practices to the STAR Educational Programme results in fewer antibiotics being dispensed to the practice's patients.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Cluster-randomised trial with randomisation and analysis at the level of general practice/general practitioner.

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Infections

Interventions
Clinicians in practices randomised to the experimental condition will be exposed to the STAR Educational Program. This involves unique use of practices' own prescribing and resistance data and novel consulting strategies. Both the 'why' and 'how' of change will be addressed. Training methods will include: seminars, software supported, self-directed learning, and reflecting on video and actual consultations.

Control practices will be offered the intervention after the initial one year follow-up of the experimental practices is complete.

Intervention Type
Drug

Phase
Not Specified

Drug/device/biological/vaccine name(s)
Oral Antibiotics

Primary outcome(s)

Change in the total number of dispensed oral antibiotics (with examination of trend by quarter) per 1000 registered patients, for the year subsequent to the practice being exposed to the STAR programme, compared to the previous year, using PARC data.

Key secondary outcome(s)
Not provided at time of registration

Completion date
30/11/2009

Eligibility

Key inclusion criteria
There are no inclusion or exclusion criteria, other than that we aim for two thirds of prescribers in each practice must agree to take part in the study. Practices will be approached at random and randomised in a way that balances for practice size and prior antibiotic prescribing.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
N/A

Date of first enrolment
01/06/2006

Date of final enrolment
30/11/2009

Locations

Countries of recruitment
United Kingdom

Wales

Study participating centre

Dept of General Practice
Cardiff
United Kingdom
CF14 4XN

Sponsor information

Organisation
Cardiff University (UK)

ROR
https://ror.org/03kk7td41

Funder(s)

Funder type
Research council

Funder Name
Medical Research Council (MRC)(ref. no: G0500956) (UK)

Alternative Name(s)
Medical Research Council (United Kingdom), UK Medical Research Council, Medical Research Committee and Advisory Council, MRC

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location
United Kingdom

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	07/05/2010		Yes	No
Results article	results	02/02/2012		Yes	No