

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

<b>Submission date</b> 26/06/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 22/08/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 22/05/2012	<b>Condition category</b> Infections and Infestations	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

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

## Study design

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

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

GP practice

## Study type(s)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

## 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 measure**

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.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/06/2006

**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

**Age group**

Adult

**Sex**

Both

**Target number of participants**

Up to 60 practices (approximately 140-180 clinicians)

**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)

**Sponsor details**

Heath Park

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United Kingdom

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**Sponsor type**

University/education

**Website**

<http://www.cardiff.ac.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, MRC

## Funding Body Type

Government organisation

## Funding Body Subtype

National government

## Location

United Kingdom

# 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?
<a href="#">Results article</a>	results	07/05/2010		Yes	No
<a href="#">Results article</a>	results	02/02/2012		Yes	No