

Category	Information
Primary registry and trial identifying number	ISRCTN14340536
Date of registration in primary registry	23 June, 2015
Secondary identifying numbers	N/A
Source(s) of monetary or material support	Department for International Development of the UK Government
Primary sponsor	China Global Health Research and Development
Secondary sponsor(s)	N/A
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Public title	Reducing irrational antibiotic prescribing among children with upper respiratory infections in rural China
Scientific title	A pragmatic cluster randomized controlled trial for reducing irrational antibiotic prescribing among children with upper respiratory infections in rural China
Countries of recruitment	China
Health condition(s) or problem(s) studied	Antibiotic treatment, Upper respiratory infections
Intervention(s)	Operational guidelines Systematic training Peer review of antibiotic prescribing Health education to patient caregivers with printed educational materials and educational videos provided
Key inclusion and exclusion criteria	Ages eligible for study: 2-14 years Sexes eligible for study: both Accepts healthy volunteers: no Inclusion criteria: All outpatient prescriptions for children aged between 2 and 14 years old, diagnosed with URIs during the baseline and intervention data collection period will be included for analysis.

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	Exclusion criteria: Prescriptions for children diagnosed with pneumonia or severe diseases such as cancer, tuberculosis, HIV/AIDS/immunodeficiency, chronic heart diseases or others who need long term antibiotic treatment or as prophylaxis
Study type	Interventional Allocation: randomized intervention model. Parallel assignment masking: blinded outcome evaluation, but un-blinded treatment. Primary purpose: prevention
Date of first enrolment	June 2015
Target sample size	5000
Recruitment status	Completed
Primary outcome(s)	Antibiotic prescription rate for childhood URIs
Key secondary outcomes	Childhood URI prescription rate for multiple antibiotics, broad-spectrum antibiotics and quinolones; mean cost of childhood URI prescriptions