

**NATIONAL INSTITUTE FOR HEALTH AND CARE
EXCELLENCE**

Public Health & Social Care Centre

Supplementary evidence review – patient/public education antimicrobial resistance and infection prevention interventions with prescribing rates and incidence of infection as outcome measures

Review protocol: June 2015

Details	
Guideline details	
Guideline	Antimicrobial stewardship - changing risk-related behaviours in the general population
Objective of review	To screen the list of studies excluded at full paper stage from the Antimicrobial stewardship Review 1 and to review any patient/public education-only studies that were excluded on the basis that they reported prescribing rates or changes in incidence of infection (and no direct measures of patient knowledge or behaviour).
Review details	
Review title	Supplementary evidence review – patient/public education antimicrobial resistance and infection prevention interventions with prescribing rates and incidence of infection as outcome measures
Review methods	
Review question(s)	<p>Are educational interventions concerning antimicrobial use, misuse or resistance that target patients/the general public effective at reducing antimicrobial prescribing?</p> <p>Are infection prevention educational interventions targeting patients/the general public effective at reducing the incidence of infection?</p>
Searches and search strategy	See Antimicrobial stewardship Review 1 protocol
Condition or domain being studied	Antimicrobial use and misuse, antimicrobial resistance, infection prevention
Participants/ population	<p>Included:</p> <ul style="list-style-type: none"> • General public or patients of all ages, including children and young people, living at home, in the community and who are in hospital <p>Excluded:</p> <ul style="list-style-type: none"> • Healthcare professionals/prescribers only interventions • People living in low income countries
Intervention(s), exposure(s)	Educational interventions for the general public/patients
Comparator(s)/ control	<p>Included:</p> <ul style="list-style-type: none"> • no intervention • a comparison group (e.g. baseline comparison, different educational strategies, or different modes of delivery).
Types of study	<p>Included:</p> <ul style="list-style-type: none"> • quantitative study designs <p>Excluded:</p> <ul style="list-style-type: none"> • qualitative • editorials • abstracts

Primary/Critical outcomes	Changes in: <ul style="list-style-type: none"> antimicrobial prescribing incidence of infection
Risk of bias (quality) assessment	Quality assessment will be undertaken using the relevant checklist recommended in the NICE guidelines manual
Strategy for data synthesis	Data will be synthesised in tabular form and in evidence statements
General information	
Type of review	Effectiveness review