

Antibiotics Resistance Support Pack

1. Background

- Primary care prescribes four fifth of antibiotics and there are substantial barriers to improving antimicrobial stewardship in this setting. ^[1]
- In terms of prescribing there is considerable local variation in prescribing that is not explained by case-mix and may be attributed to behavioural factors ^[1]
- In the UK ‘Stemming the Tide of Antibiotic Resistance’ (STAR) ^[2] programme has been developed. Building on behaviour change theories, the programme integrates a blend of learning techniques online and within the general practice setting, including promotion of the evidence base and reflection on practice. Initial feedback from GPs has demonstrated the structure to be feasible and associated with self-reported improvement in knowledge. A recently reported randomised controlled trial shows a reduction of 4% in overall antibiotic prescribing in practices receiving the STAR training package. STAR now forms a central component of the Royal College of General Practitioner’s (RCGP) multifaceted intervention known as ‘TARGET’ ^[1]

2. Aim

- Encourage antibiotic prescribing in accordance with existing local antibiotic formulary <http://tinyurl.com/Antibiotics2015>
- Support clinicians in promoting quality improvement by reviewing antibiotic prescribing within their practices.
- Encouraging clinicians to take up RCGP antibiotics training known as ‘TARGET’

3. Resources

3.1. **Self-assessment checklist** click [here](#)

This tool is a short questionnaire for use by GP practices to assess antibiotic prescribing.

3.2. Audit Toolkits

Templates for accurate and easy auditing, including read codes, current guidance and action plans.

3.2.1. Sore Throat Audit

Use this audit template to evaluate antibiotic prescribing for sore throat symptoms against NICE and PHE clinical guidelines or local infection management guidelines [Sore Throat Audit](#) [DOC]

3.2.2. Urinary Tract Infection Audit

Use this audit template to evaluate the diagnosis of uncomplicated urinary tract infections using urine dipsticks and/or urine cultures and to assess antibiotic prescribing using Public Health England guidance on the diagnosis and antibiotic treatment of UTIs [Urinary tract infection audit](#) [DOC]

3.2.3. Otitis Media Audit

Use this audit template to evaluate antibiotic prescribing for otitis media symptoms against NICE and PHE clinical guidelines or local infection management guidelines. [Otitis media audit](#) [DOC]

3.2.4. Acute Cough Audit

Use this audit template to evaluate antibiotic prescribing for acute cough symptoms against NICE and PHE clinical guidelines or local infection management guidelines. [Acute cough audit](#) [DOC]

3.3. Training Resources

- **TARGET Antibiotics Presentation CPD (1 Hour)**

The presentation lasts 40 – 60 minutes and includes slide notes and references [TARGET antibiotics presentation template](#) [PPT]

Link to module below

[Summary of Antibiotic Resistance in Primary Care](#)

- **Managing Acute Respiratory Tract Infections (MARTI) CPD (2 Hours)**

The MARTI series of training modules enables you to improve the care you provide to patients presenting with acute ear pain, acute sore throat, sinusitis and acute cough.

The module equates to two hours of CPD and can be imported into the RCGP Revalidation portfolio.

This online course has been developed through a partnership between the RCGP and Public Health England's Primary Care Unit. It was led by Dr Clodna McNulty and funded by an educational grant from the British Society for Antimicrobial Chemotherapy.

[Access to the e-Module](#)

- **Urinary Tract Infection CPD (1.5 Hours)**

This course explains the importance and appropriateness of diagnostics and offers advice on how to assess and treat patients with a range of urinary symptoms. It encourages reflection on how to minimise antibiotic resistance and offers 'real-life' cases. The module equates to 1.5 hours of CPD and can be imported into the RCGP Revalidation portfolio.

This course has been developed in partnership with Public Health England's Primary Care Unit. It was funded by an educational grant from Public Health England.

[Access to the e-Module](#)

- STAR is a theory based 'blended learning' program to promote appropriate antibiotic prescribing. The STAR program was led by Professor Chris Butler and developed by a team at Cardiff University

[Access to the e-Module](#)

3.4. Patient information leaflets

- **Treating your infection patient information Leaflet**

****Delay Antibiotic Patient Leaflet****

The Patient 'treating your infection' leaflet is a useful tool for clinicians to use within consultations for patients who do not require an antibiotic prescription for their infection. It includes information on illness duration, self-care advice and advice on when to re-consult. Use of this leaflet has been approved by PHE, RCGP, BSAC, NHS Scotland, RCN, IPS and BIA.

[Access here](#)

- **When should I Worry?**

The 'When Should I Worry?' booklet provides information for parents about the management of respiratory tract infections such as coughs, colds, sore throats and ear aches in children. It is designed to be shared in consultations.

[Access here](#)

- **Get well soon without antibiotics leaflet**

This leaflet, produced by the Department of Health, explains the need to get the right treatment for common illnesses such as colds and coughs without encouraging antibiotic resistance. It is available in different languages and is suitable for distribution in waiting areas.

[Access here](#)

3.5. Additional Information

- Resources for clinical and waiting areas

There are several resources for clinical waiting areas that can be used and accessed by clicking [here](#)

- Additional useful links can be accessed by clicking [here](#)

Bibliography

- [1] Public Health England, “Behaviour change and antibiotic prescribing in healthcare settings. Literature review and behavioural analysis,” PHE publications gateway number: 2014719, Feb 2015.
- [2] B. C. H. K. a. Simpson SA, “Stemming the Tide of Antibiotic Resistance (STAR):A protocol for a trial of a complex intervention addressing the 'why' and ‘how’ of appropriate antibiotic prescribing in general practice.,” *BMC Family Practice*, vol. 10, no. 20, 2009.
- [3] <http://www.rcgp.org.uk/TARGETantibiotics> Accessed June 2015