

Welcome!

Welcome to the September edition of the TARGET antibiotics newsletter.

TARGET are busy preparing for World Antibiotic Awareness Week in November. TARGET will have a re-designed logo and re-skinned resources to fit in with Public Health England Keep Antibiotic Working campaign and ensure national brand recognition. Visit us at conferences and exhibitions in September and October to sample our resources for primary care health professionals and read our research.

World Antibiotic Awareness Week (12-18 Nov)

During WAAW TARGET aim to promote:-

- The TARGET patient resources via the Keep Antibiotics Working national campaign
- The TARGET workshop and trainer workshops
- Fantastic new UTI resources
- Our exciting new research publications



European Centre for Disease Prevention & Control visit us

European Centre for Disease Prevention and Control (ECDC) representatives visited the TARGET team on the 25th May 2018 to see what and how the Primary Care Unit and the TARGET toolkit are contributing to antimicrobial stewardship. This was part of the ECDC UK visit to assess antimicrobial stewardship. ECDC were very impressed by the reduction in antibiotic prescribing, the free access to all of prescribing, the multitude and breadth of antimicrobial resistance (AMR) research, the Quality Premiums effectiveness in driving improved antibiotic use.



Research updates

TARGET hope to have some exciting research published for the next newsletter regarding a qualitative C-reactive protein study and a systematic review looking at prevention of catheter associated urinary tract infections. Keep a look out!

To remove your name from our mailing list, please [click here](#).

Come meet the team

We will be attending the following meetings/conferences.

- ◆ PHE Conference
Warwick University, 12-13 Sept '18
- ◆ IPS Conference
Glasgow, 30 Sep-2 Oct '18
- ◆ GRIN Conference
Utrecht, 5-6 Oct '18

Read more about what we are presenting [here](#).

[Mail us](#) if you are attending any of these events and would like to have a chat about the presentations, TARGET or just to say hi.

Antibiotic Guardian Conference & Awards

TARGET exhibited at the Antibiotic Guardian Conference on the 27th June 2018 showcasing TARGET resources.

The Antibiotic Guardian team hosted the second Antibiotic Guardian Awards championing those organisations and individuals who have demonstrated achievement in tackling antimicrobial resistance at a local, regional or national level. Find out who won [here](#).



 Follow us

[Twitter](#) @TARGETabx

It is time to start thinking about World Antibiotic Awareness Week, 12th - 18th November 2018

This month the TARGET team are making plans for this year's World Antibiotic Awareness Week (WAAW). In 2018, TARGET's main focus is to promote:

- The TARGET patient resources via the Keep Antibiotics Working national campaign
- The TARGET workshop and trainer workshops
- Fantastic new UTI resources
- Our exciting new research publications



The TARGET logo and resources are being re-branded in the style of the Keep Antibiotics Working campaign



TARGET have exciting news, we are going to have a new look!

The TARGET logo and resources are being re-skinned to be in line with the Public Health England Keep Antibiotics Working (KAW) campaign which launches on the 23rd October 2018. The redesigned logo (see left) and branding will be officially launched in October. The content of the leaflets will remain the same but the colour scheme and design will resemble the look and feel of the KAW campaign. This will help with greater brand recognition and continuity nationally and internationally.

Action for you: Make sure you download the latest leaflets in October.

New to TARGET or need a refresher of the toolkit?

Ahead of WAAW, TARGET will be hosting an interactive webinar via skype, giving an overview of the resources and ideas for implementation.

When: Tues 23rd October, 12:30-13:30pm

Action for you: Put the date in your diary and make sure you've signed up to the TARGET mailing list [here](#) to be sent further details nearer the time.

Promotion of the TARGET AMS workshop and the TARGET Train the Trainer workshops

The TARGET team are offering a TARGET antimicrobial stewardship (AMS) workshop and TARGET train the trainer workshops to a high prescribing CCG in England to coincide with WAAW. We will also be communicating with CCGs during WAAW to promote the TARGET AMS workshops and TARGET train the trainer workshops to actively encourage CCG's and general practices to run their own TARGET workshops.

Action for you: Are you struggling to reach your quality premium - contact us.

Promote TARGET leaflets being made available on GP systems

The TARGET team are working closely with the GP clinical system EMIS providers and SystmOne to ensure the Treating Your Infection RTI and UTI leaflets are made available on the GP computers. TARGET plan to launch these before WAAW.

Action for you: Activate access to the TARGET leaflets directly from your CCG GP systems.

What you can do to get involved with WAAW

- Visit the [TARGET antibiotics website](#) to download presentations and audits.
- Attend our interactive webinar on the 23rd October 2018.
- Conduct a TARGET workshop for local clinicians - using the new UTI TARGET presentation.
- Complete the self assessment checklist - the templates make this easy to do!
- Promote the use of TARGET audits, or conduct one yourself - the templates make this easy to do!
- Display some of the TARGET posters in waiting rooms - make a big WAAW display to raise awareness!
- Spread the message of antimicrobial stewardship - encourage practices to sign up to [Antibiotic Guardian](#)!

TARGET antibiotics Newsletter

Treat Antibiotics Responsibly: Guidance, Education, Tools.

www.rcgp.org.uk/TARGETantibiotics/

TARGET Training Update

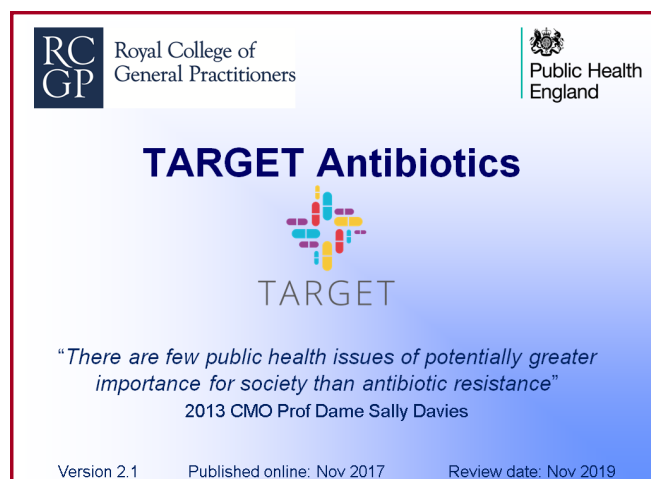
TARGET workshop and train the trainer for primary-care healthcare professionals

TARGET delivered two workshops to nurse prescribers in Gloucestershire CCG in June 2018.

- The TARGET antimicrobial stewardship (AMS) workshop for primary care clinicians to deliver to colleagues.
- The TARGET train the trainer workshop which provides clinical staff with the knowledge, confidence and skills to facilitate their own TARGET AMS workshop locally in their general practice.
- The evaluation feedback was very positive for both workshops; 5/5 for presentation & presenter knowledge.

We have developed a training package which can be used by other CCG's and is available on the TARGET website.

TARGET aim to deliver another pilot of the TARGET antimicrobial stewardship workshop and TARGET Train the Trainer workshops to a high prescribing CCG in England to coincide with WAAW. If you are interested please contact TARGETantibiotics@phe.gov.uk



TARGET training video

The TARGET workshops delivered to nurse prescribers in June 2018 were recorded and it is currently being developed into a series of videos that primary-care clinicians and commissioners can access from the [TARGET website](#). The online videos will help more primary-care professionals understand how the training is designed to be delivered and feel more confident to disseminate the training in their practice and CCG. **Action:** Please promote the training within your practice and CCG.

TARGET webinars on Virtual Learning Environment

The TARGET webinars developed in collaboration with the British Society of Antimicrobial Chemotherapy (BSAC) were launched in November 2016 and have been successfully evaluated. TARGET are currently collaborating with BSAC to launch the 7 TARGET webinars as an e-Learning on the [Virtual Learning Environment](#) (VLE) platform and we hope to launch by WAAW. This platform will enable us to monitor traffic to the e-Learning and usage. CPD points are available for completing the TARGET webinar e-Learning that covers; audit, communicating with patients, back up presenting, UTI, assessing children, involving the whole practice, using feverPAIN for acute sore throat.

Training promotion during WAAW

During World Antibiotic Awareness Week (12-18 Nov), TARGET will be actively promoting the TARGET training resources. The toolkit is promoted by 99% of CCG's; therefore during WAAW we will be communicating with CCG's to promote the TARGET AMS workshops, TARGET train the trainer workshops, and the TARGET webinar series on the Virtual Learning Environment to actively encourage CCG's and general practices to run their own TARGET workshops. All TARGET training resources are freely available on the website at www.rcgp.org.uk/TARGETantibiotics

TARGET website updates

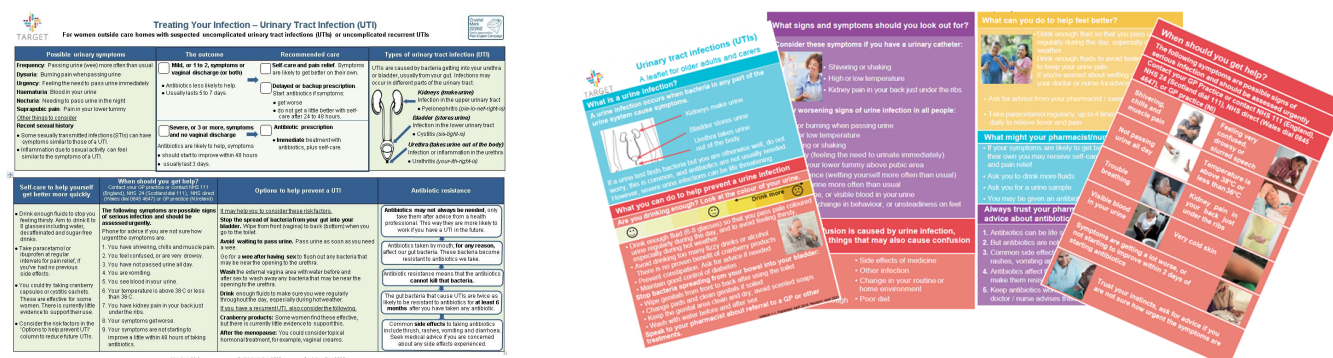
The TARGET website has been updated with two NEW sliders: UTI Resource Suite and TARGET Approved Trainers.

UTI Resource Suite

The dedicated UTI section means primary care clinicians and commissioners can find all the UTI resources in one place. The TARGET UTI resources can assist CCGs and primary care providers achieve a reduction in Gram Negative Bloodstream Infections (GNBSIs) and inappropriate antibiotic prescribing in at risk groups. These resources support the 2017-19 Quality Premium Measures for a reduction in GNBSIs as they were designed to sustainably reduce inappropriate antibiotic prescribing for UTIs in primary care and improve the diagnosis and management of UTIs in vulnerable groups. They have been developed using behaviour change models to target key areas of the care pathway specific to UTI prevention, diagnosis, management, and safety netting.

Key resources include:

- The TARGET treating your infection leaflets address management, safety netting and self-care for key groups at risk of UTIs including:
 - a leaflet for women with uncomplicated UTI
 - a newly published leaflet that targets older adults who are at risk of a UTI



- Coming soon will be the updated UTI diagnostic flowcharts which provide a quick reference algorithm for diagnosis in Primary Care in key patient groups including women under 65 years, older adults, and children.
- The Antibiotic Quick Reference Implementation Tool provides succinct information on antibiotic and treatment options for various types of UTI as well as other common infections.
- The audit template for the common infections including UTI allows clinicians to determine how their management of urinary symptoms compares to national guidance. It includes common Read codes and formulas to calculate an individual's compliance with the management and antibiotic guidance for UTIs.
- The TARGET presentation provides UTI training scenarios that can be used by staff to improve their case management and earn accredited CPD.
- The TARGET RCGP UTI clinical course allows clinicians to undertake personal online training to the RCGP portfolio.

TARGET Approved Trainers



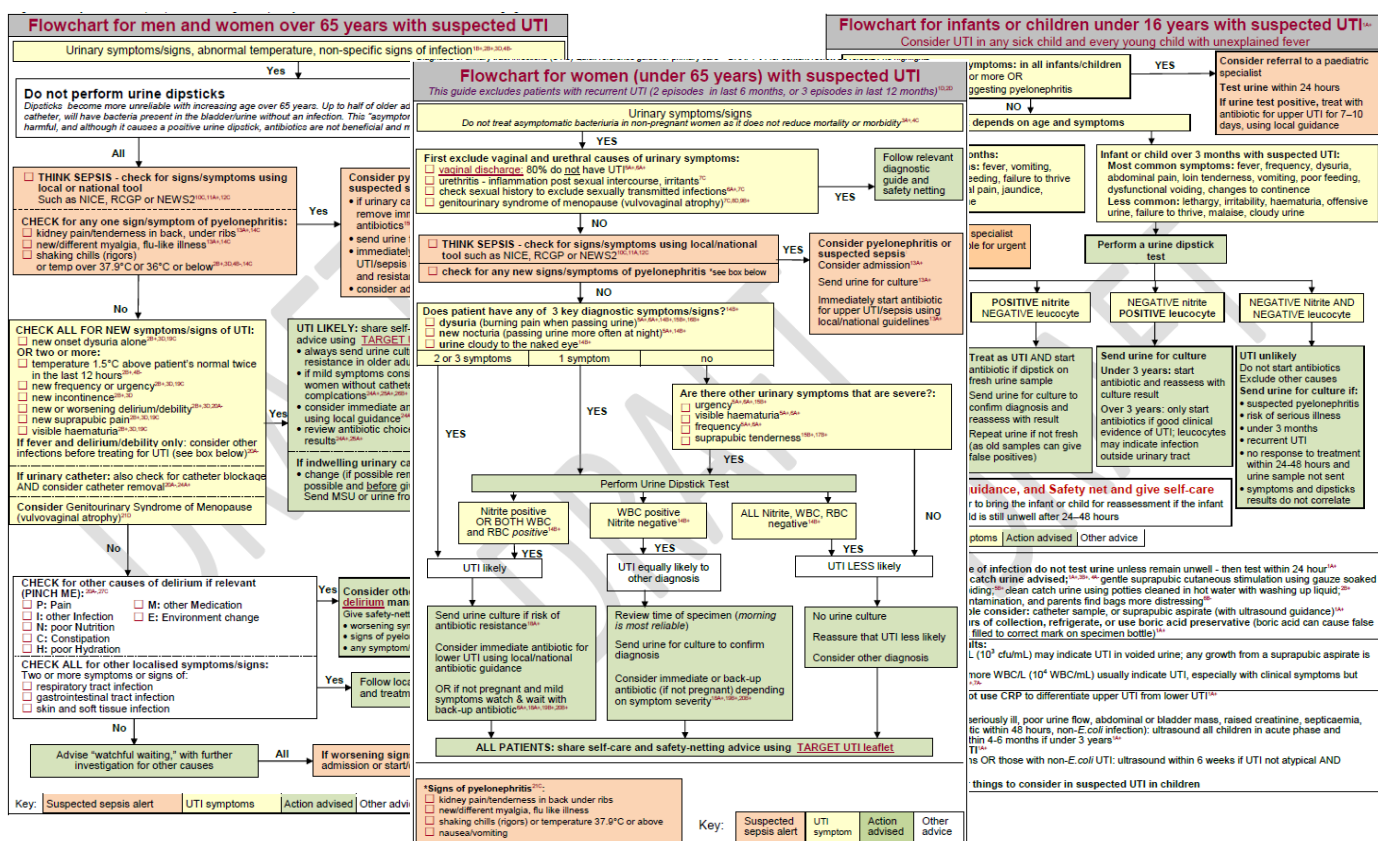
There is now a dedicated section of the website for TARGET approved trainers, individuals who want to become approved trainers and where you can find your local trainer to run a workshop for you. This section of the website is in development and we would welcome any feedback on this: TARGETantibiotics@phe.gov.uk

Diagnosis of UTIs - UTI quick reference diagnostic tools

Errors in diagnosing and treating Urinary Tract Infections contributes to overuse of antibiotics in some patients unnecessarily increasing AMR. Incorrect antibiotics contributes to increasing gram-negative blood stream infections and improper antibiotic use across the country. The TARGET team has worked with multiple stakeholders to review and improve the PHE UTI diagnostic quick reference tools. This has included qualitative research that assessed what GP surgery and care home staff think about UTI management and antibiotic use in general, an extensive literature review, and multiple stakeholder workshops and reviews of working drafts. This process has led to new flowcharts for women under the age of 65 years, children and older adults. Some of the highlights within this resource include:

- Findings from the qualitative data showed that a lack of knowledge about asymptomatic bacteriuria in care homes staff causing many to use urine dipsticks to detect a UTI. GPs in turn felt pressured to diagnose a UTI based on a positive dipstick, even though some knew this was unhelpful for older adults. In the new flowcharts we have clarified when dipsticks should be used for each age group and flagged that asymptomatic bacteriuria should not be treated.
- Stakeholder interviews in the development process highlighted the need to improve the early identification and treatment of suspected sepsis and pyelonephritis in the diagnostic process. These two conditions are flagged in the flowcharts. Key resources to help in the diagnosis of sepsis are explained more extensively in the flowchart rationale (NICE, NEWS2, and RCGP).
- Effective behaviour change tools need to target all key members of the care pathway. This is especially true for older adults where friends, family members and untrained carers may play a key role in identifying the early signs of a UTI. With this in mind we developed the UTI leaflet for older adults in parallel to the diagnostic flowcharts. This leaflet can be used by those following the flowchart to communicate key messages around prevention, signs/symptoms, management and safety netting with older adults at risk of having a Urinary Tract Infection.

We are currently working on the final edits to the resources which will be re-skinned to align with the Keep Antibiotics Working Campaign and launched in October in line with the NICE UTI antibiotic guidelines and PHE UTI patient leaflets.



Come meet the team: Meetings and Conferences

Public Health England Annual Conference For full programme [click here](#)



The TARGET team will have an exhibition stand at the Public Health England conference exhibition area. Please come along and say hello to Emily and Rosie and find out about the exciting TARGET updates planned for World Antibiotic Awareness Week.



Exhibiting: TARGET and e-Bug resources
Exhibitors : Emily Cooper and Rosie Allison
When: Tuesday 11th – Wednesday 12th September 2018
Stand Number: 43, Mead Gallery.
Where: University of Warwick

Infection Prevention Conference For full programme [click here](#)



Presenter: Charlotte Eley
Satellite symposium: The TARGET toolkit—how can it help your antimicrobial stewardship initiatives
Exhibiting: TARGET and e-Bug resources
When: Sunday 30th September – Tuesday 2nd October 2018
Where: Scottish Event Campus, Glasgow



Presenter: Emily Cooper
Presentation title: Development of resources for the management of urinary tract infections (UTIs) in older adults – qualitative findings specific to decision making and current practice in primary care
When: 30th September 2018

General Practice Research on Infections Network (GRIN) Conference For full programme [click here](#)



Presenter: Clodna McNulty will be presenting two oral presentations
Presentation title: Is C-reactive protein point-of-care testing feasible in routine general practice, improving diagnostic certainty and antibiotic use? A mixed methods study.
When: 11:38-11:46, Session 3—CRP, 5th October
Presentation title: Infectious disease and primary care research – what GP staff say they need.
When: 14:40-14:45, Session 4—Invited speaker, 5th October



Presenter: Rosie Allison will be presenting two oral presentations
Presentation title: Development of resources for the management of urinary tract infections in older adults—qualitative findings specific to decision making and current practice in primary care
When: 10:00-10:10, Session 7—UTI, 6th October
Presentation title: Local implementation of national AMS initiatives across Medicines Management teams: a mixed-methods study
When: 14:55-15:00, Session 4—Invited speaker, 5th October

TARGET antibiotics Newsletter

Treat Antibiotics Responsibly: Guidance, Education, Tools.

www.rcgp.org.uk/TARGETantibiotics/

The TARGET Team

Professor Clodna McNulty, TARGET Programme Lead



Clodna, a clinical microbiologist, leads the Public Health England Primary Care Unit. She has led numerous large surveys on the public's use of and attitudes to antibiotics and resistance and is an expert advisor to the ECDC Advisory Committee on AMR and HCAs.

Dr Donna Lecky, TARGET Programme Manager (*on maternity leave*)



Donna has a background in microbiology research, programme management and resource development having previously managed the development of the e-Bug educational resources for school aged children, the PHE stool collection leaflet and the TARGET Urinary Tract

Charlotte Eley, TARGET Programme Manager (*maternity cover*)



Charlotte is TARGET Programme Manager until March 2019. Charlotte will also manage various projects within the TARGET Programme including a point-of-care C-reactive protein study in Oldham CCG and an evaluation of UTI leaflets in the Pharmacy setting. Previously been involved in developing the TARGET TYI-RTI pictorial leaflet for patients with lower literacy levels.

Emily Cooper, TARGET Project Manager



Emily has a background in nursing and public health. She works part time supporting resource development projects within TARGET and is currently involved in activities that focus on prevention and management of urinary tract infections in older adults.

Leah Jones, TARGET Research Assistant



Leah has a background in Psychology and is currently studying for a Professional Doctorate in Health Psychology. Leah's current work includes the development of a urinary tract infection patient leaflet for older adults, and exploratory work in community pharmacies with the view of developing resources for the pharmacy setting.

Rosie Allison, TARGET Research Assistant



Rosie is a TARGET Research Assistant with a background in Biology and Public Health. Rosie has previously been involved in qualitative research studies and her current work involves liaising with medicines management teams to collect data on local implementation of antimicrobial stewardship initiatives via a national questionnaire.

Rosie Alouat, Project Manager (RCGP)



Rosie is a Project Manager for the RCGP's Clinical Innovation and Research Centre, focusing on the College's quality improvement projects. Her portfolio of work includes the maintenance of the TARGET Toolkit on the RCGP website and managing QI Ready.