

Issue 10 2017

# the T@blet

News from Medicines Management at Doncaster Clinical Commissioning Group

## Urinary tract infections (UTIs) – antibiotic stewardship to reduce *E. coli* bacteraemia

For cases of *E. coli* bacteraemia where an underlying focus of infection is reported, about half implicate a UTI. Thus, better management of UTIs could reduce the incidence of *E. coli* bacteraemia.

[Local guidance](#) on the treatment of uncomplicated UTIs recommends nitrofurantoin as the preferred first-line therapy. However, analysis of prescribing data indicates that trimethoprim continues to be widely used.

The median resistance rate to trimethoprim in *E. coli* from community UTIs for CCGs was 29.1% in Q2 2016: reassuringly median susceptibility to nitrofurantoin was 96.4%

### **Advice:**

- Ensure prescribing in line with local [Antimicrobial Guidelines for Primary Care](#).
- In general use nitrofurantoin first line: trimethoprim and pivmecillinam are alternatives.
- Nitrofurantoin is [contraindicated](#) in most patients with an eGFR less than 45 ml/min.
- If increased resistance risk and eGFR less than 45ml/min consider [pivmecillinam](#):
  - Contra-indications include penicillin hypersensitivity.
  - Do **not** prescribe to patients taking sodium valproate/valproic acid – risk of hyperammonaemic encephalopathy.
  - Swallow whole with plenty of fluid during meals while sitting or standing.
- Do not prescribe trimethoprim to patients on methotrexate – risk of haematological toxicity.

### References:

[PHE](#). English surveillance programme for antimicrobial utilisation and resistance (ESPAUR): [report 2016](#).

[PHE](#). [AMR local indicators](#).

## **New Traffic Light entries**

Sodium hydrogen carbonate/sodium dihydrogen phosphate (Lecicarbon A Suppository) used in constipation has been categorised as Green-G non-formulary

Ferric maltol (Fracru) used in iron deficiency anaemia has been categorised as Amber-G. It will be initiated and stabilised in Secondary Care.

### Risk minimisation materials: Differentiation of Mirena, Jaydess and Kyleena levonorgestrel intrauterine delivery systems (IUS)

[Kyleena](#) is a newly licensed levonorgestrel IUS, providing contraception for up to five years. This [education pack](#) highlights the differences between this and the other two Bayer IUS currently available in the UK (Jaydess and Mirena).

### Hepatitis B added to Routine Immunisation Schedule

PHE has [announced](#) that a hexavalent vaccine will be used for routine immunisation of babies born on or after 1st August 2017. The introduced vaccine provides protection against diphtheria, tetanus, pertussis, *Haemophilus influenzae* type b, polio and now hepatitis B.

### Risk management - addition of specialist drugs on clinical systems

Practices are reminded that a [smart guide](#) is available, which outlines the processes for recording medication prescribed by secondary/tertiary care on GP clinical support systems.

Adding medication classified as [Red](#) or [Amber](#) to a patient's medication record, in line with the guidance, reduces risk by ensuring any safety alerts are generated when prescribing a new medication and facilitating identification of side effects.

### NHS immunisation programmes - authorised Patient Group Directions (PGDs)

NHSE has recently developed a [website](#) hosting all the PGDs authorised by them for use in/by services commissioned within the Yorkshire and Humber region.

PGD templates listed on the PHE [imms.gov.uk](#) website must **not** be used as these have not been authorised and are therefore not legal documents.

### **Fosfomycin 3g oral sachets**

Fosfomycin 3g oral sachets are an option for patients with urinary tract infection, to be prescribed on the recommendation of a consultant microbiologist, when alternative options have been considered and are not clinically appropriate for the patient.

The Green G guidance has been updated and is available on the medicines management website. The main difference is that the prescription should be taken to Community Pharmacy in normal working hours. . The main dispensary at DRI is an option during weekends and bank holiday periods. [Medicines Management Website - guidelines](#)

### Which vitamin D preparations are suitable for a vegetarian or vegan diet?

This updated [Medicines Q&A](#) includes information from the manufacturers or importers regarding the suitability of licensed and unlicensed vitamin D products in vegans and vegetarians.

### **Dalteparin Shared Care paperwork**

The Sheffield Teaching Hospital Shared Care Protocol has been updated. The new version is available on the medicines management website.

The main change is that there is no requirement for Primary Care to consider monitoring for Heparin induced thrombocytopenia (HIT).