

Shared Care Guideline

Fosfomycin (oral) for UTI (Adults)

It is vital for safe and appropriate patient care that there is a clear understanding of where clinical and prescribing responsibility rests between Consultants and General Practitioners (GPs). This guideline reinforces the basic premise that:

When clinical and / or prescribing responsibility for a patient is transferred from hospital to GP, the GP should have full confidence to prescribe the necessary medicines. Therefore, it is essential that a transfer of care involving medicines that a GP would not normally be familiar with, should not take place without the “sharing of information with the individual GP and their mutual agreement to the transfer of care.”

These are not rigid guidelines. On occasions, Consultants and GPs may agree to work outside of this guidance. As always, the doctor who prescribes the medication has the clinical responsibility for the drug and the consequences of its use.

Indications:

Oral fosfomycin (Monuril) is indicated in the treatment of acute lower uncomplicated urinary tract infections, caused by pathogens sensitive to fosfomycin in adult and adolescent females.

Oral fosfomycin may also be used in the treatment of acute lower uncomplicated urinary tract infections, caused by pathogens sensitive to fosfomycin in males. Please note: this is an unlicensed indication.

Dosage and administration:

Adult and adolescent females (>12 years of age): 1 sachet (3 g) once

For male patients: To be discussed with Medical Microbiology (one 3g sachet to be taken on day 1 and day 4)

Additional Information

- Please refer to www.bnf.org or [SPC](#) for further prescribing information.
- Oral fosfomycin should be taken on an empty stomach (about 2-3 hours before or 2-3 hours after a meal), preferably before bedtime and after emptying the bladder.
- The dose should be dissolved into a glass of water and taken immediately after its preparation

Monitoring requirements: None required

Action to be taken if abnormal results/adverse effects: Refer back to Medical Microbiologist.

Contraindications:

Hypersensitivity to the active substance or to any of the excipients.
 Patients with severe renal insufficiency (creatinine clearance < 10 ml/min).
 Patients undergoing haemodialysis.

Drug interactions:

Concomitant administration of metoclopramide has been shown to lower serum and urinary concentrations of fosfomycin and should be avoided.
 Other drugs that increase gastrointestinal motility may produce similar effects.

Cautions:

Patients should be informed that dizziness has been reported. This may influence some patients' ability to drive and use machines.

Adverse Effects:

The most common adverse reactions following the single-dose administration of fosfomycin involve the gastrointestinal tract, mainly diarrhoea. Other adverse effects commonly reported include headache, dizziness, nausea and vulvovaginitis.

Medical Microbiologist responsibilities:

1. Recommend treatment with oral fosfomycin on the basis of culture and sensitivity results.
2. Communicate promptly with the GP that oral fosfomycin is required and share any additional relevant information about the patient.
3. Provide advice to the GP about treatment failures.
4. Ensure clear backup arrangements exist for GPs for advice and support.
5. Report serious adverse events to the Committee on Safety of Medicines (CSM).

GPs responsibilities:

1. Provide the patient with a prescription for oral fosfomycin promptly.
2. Ensure practice computer is updated.
3. Advise the patient about the recommended treatment regimen as well as advice if symptoms do not improve (safety net advice).
4. Report any adverse effects to the Medical Microbiologist.
5. Consult with the Medical Microbiologist if the patient's condition deteriorates.
6. Contact the consultant if they do not agree with the treatment recommendation, or if there is a perceived problem with compliance or concordance, or if they have any questions about the management plan.

Patient's responsibilities:

1. Read the written information provided about the drug.
2. Report any adverse effects, concerns or lack of understanding of the treatment to the GP.
3. Discuss any deterioration in condition with GP.

Monuril 3g granules for oral solution - Profile Pharma 0800 1300855. £4.86 for 1 x sachet (February 2017). Can be ordered by Community Pharmacy via main wholesalers. Profile Pharma advise no handling charge for ordering. Listed on GP computer systems.

Back up advice and support:**Telephone: 01244 362 500**

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