

Brighton & Hove Community Intravenous Therapy Guidelines for Urinary Tract Infection

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1. Introduction

1.1 Inclusion Criteria

- 18 years or older
- Registered with a GP within Brighton and Hove area of Sussex Community Trust
- Patient has capacity, is fully informed of planned treatment and is able to give consent, except in the case of nursing home residents where the patient may lack capacity but the prescribing doctor may decide to treat in the patient's best interest
- Has 24 hour access to a telephone at home
- Has access to a carer/relative/friend who understands planned treatment
- Recent MSU available (if not, speak to Microbiologist if considering IV therapy)

1.2 Exclusion Criteria

- Signs of systemic instability: Any of:
 - Hypotension: systolic blood pressure < 90 mmHg or a reduction of ≥ 40 mmHg from baseline
 - New confusion
- Signs of systemic upset: >1 of:
 - Temperature $>38^{\circ}\text{C}$ or $< 36^{\circ}\text{C}$
 - Respiratory rate > 20 breaths per minute
 - Pulse > 90 beats per minute
 - Dehydration requiring intravenous fluids
- Diarrhoea or vomiting
- Previous anaphylactic reaction to intended antibiotic
- Immunocompromised patients (see page 3)
- History of intravenous drug use
- Pregnancy, unless there is prior hospital consultant approval
- Do not treat elderly patients >75 yrs who have asymptomatic bacteriuria - follow guidelines in Appendix A

2. Immunocompromised Patients

The following groups of patients should be considered to be immunocompromised and therefore not suitable for Community Intravenous Antimicrobial Therapy:

Patients with:

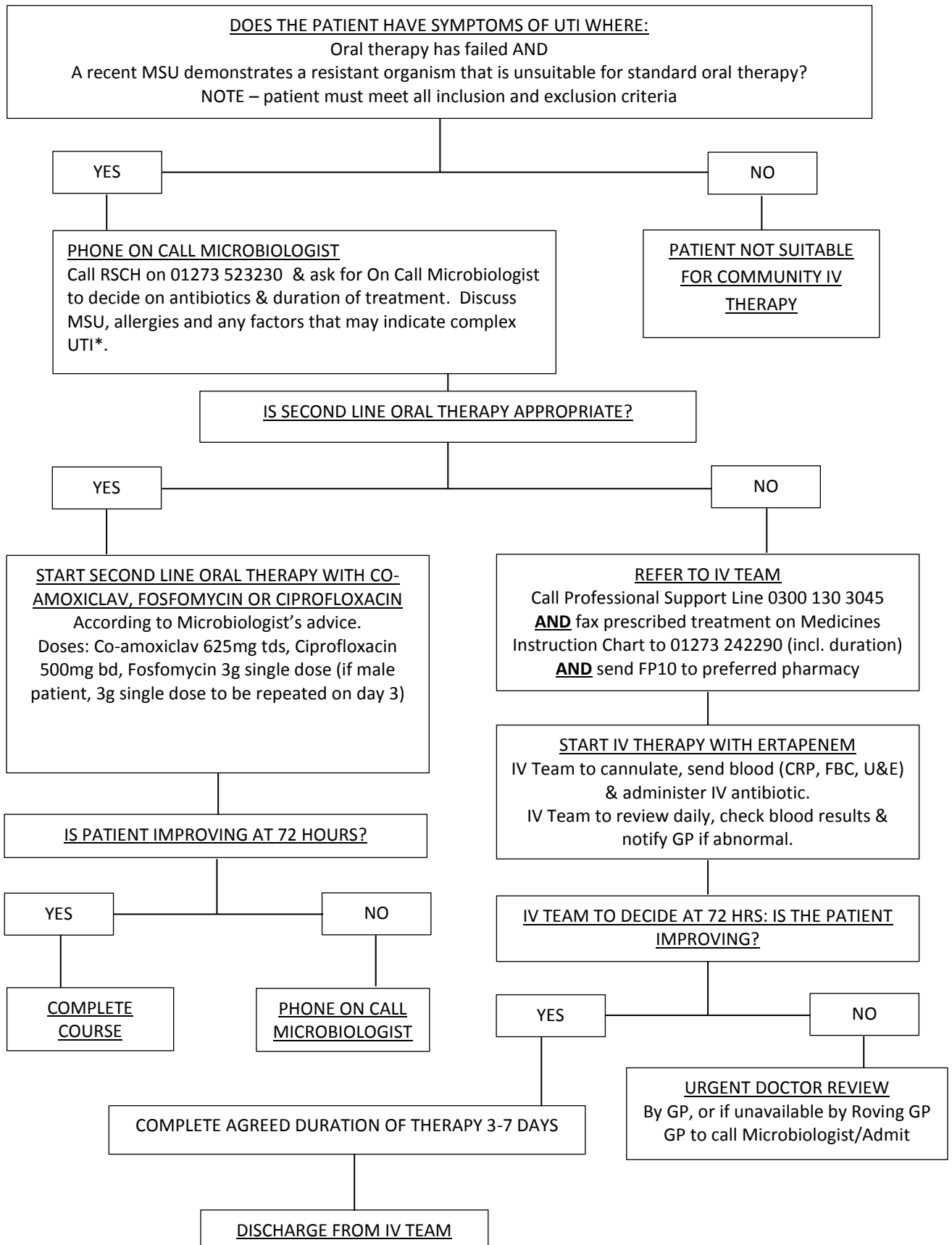
- Immunosuppression due to human immunodeficiency virus (HIV) infection:
 CD4 count <499
- Primary immunodeficiency syndromes such as severe combined immunodeficiency and Wiskott-Aldrich syndrome

Patients who have received:

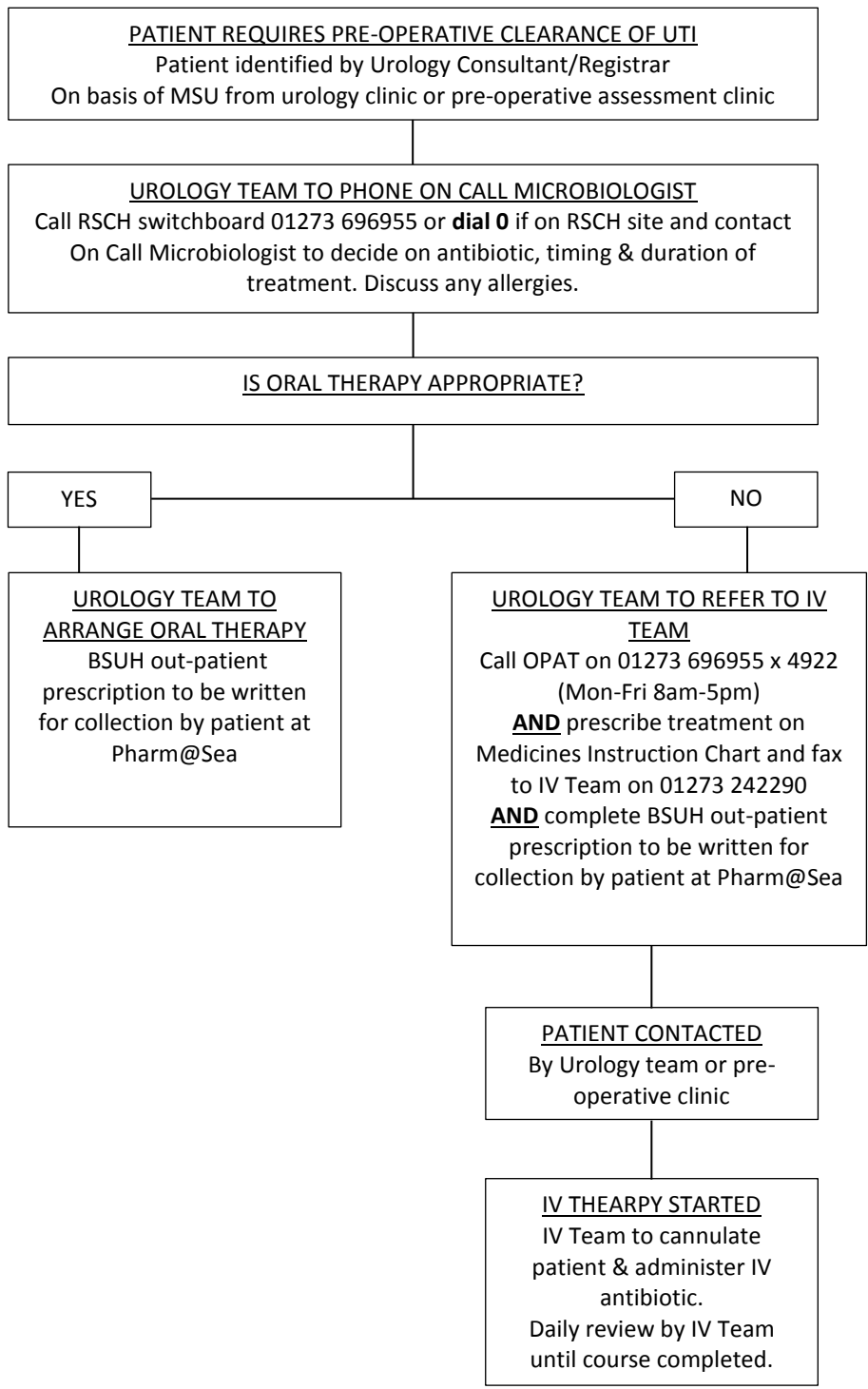
- Systemic high-dose steroids within the last 3 months.
Immunosuppression should be considered at doses ≥ 10 mg of prednisolone per day for ≥ 1 week
- Immunosuppressive chemotherapy or radiotherapy within the last 6 months
- Other immunosuppressive drugs such as cyclosporin, cyclophosphamide, azathioprine, methotrexate, leflunomide and the newer cytokine inhibitors within the last 3 months
- A solid organ transplant who are on immunosuppressive treatment.

A bone marrow transplant, until at least 3 months after finishing immunosuppressive treatment

3. Guideline for Community Intravenous Therapy for Antibiotic Resistant UTI



4. Guideline for Community Intravenous Therapy for the Pre-operative Clearance of Urinary Tract Infection



*Complex UTI = anatomical abnormality, bladder cancer, stent, catheter etc

5. Nominated Pharmacists Supplying Intravenous Antibiotics And Associated Supplies

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