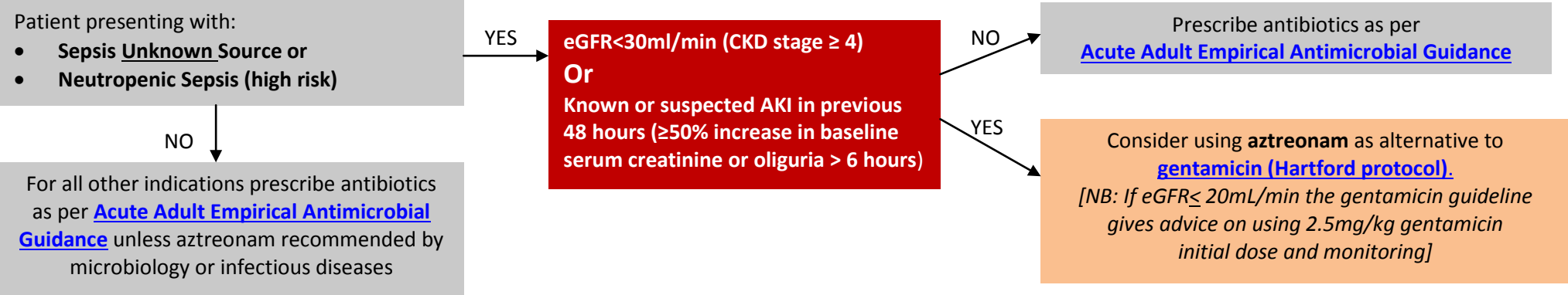


Guidance On The Use Of Aztreonam

Indications for Aztreonam: As an alternative to gentamicin for patients with Sepsis - Unknown Source, and reduced renal function – see flow chart below
 As an alternative to gentamicin in high risk patients with Neutropenic Sepsis and reduced renal function – see flow chart below
 As recommended by microbiology or infectious diseases according to microbiology sensitivities

Key Points about Aztreonam:

- Does NOT provide the same level of antibacterial cover as gentamicin
- Provides gram negative bacilli cover only
- Does NOT provide gram positive (*add flucloxacillin if staphylococcal infection suspected*) or anaerobic cover
- Does NOT provide cover for ESBL producing gram negative bacteria
- Monobactam (beta-lactam) antibiotic, therefore must be used with caution in patients with immediate hypersensitivity reaction to penicillins or cephalosporins



Dosing regimes

Sepsis Unknown Source

***AZTREONAM DOSING: REMEMBER LOADING DOSE IN LOW eGFR PATIENTS**

eGFR ≥ 30	2g three times daily
eGFR < 30 but ≥ 10	2g loading dose then give 1g three times daily
eGFR < 10	2g loading dose then give 500mg three times daily

Neutropenic Sepsis

***AZTREONAM DOSING: REMEMBER LOADING DOSE IN LOW eGFR PATIENTS**

eGFR ≥ 30	2g four times daily
eGFR < 30 but ≥ 10	2g loading dose then give 1g four times daily
eGFR < 10	2g loading dose then give 500mg four times daily

Refer to local oncology/haematology protocols for treatment of neutropenic sepsis and discuss treatment choice with microbiology/infectious diseases.