

Appendix 2 - Antimicrobial Treatment Guide

This appendix is to be used in conjunction with the Trust antimicrobial website. Wherever possible source specific antibiotics should be prescribed.

Review previous culture results relevant to the source of infection and discuss with microbiology if any organism resistant to the empirical antibiotic choice were previously isolated. Microbiological samples should be taken prior to commencing treatment. Review antimicrobials when culture results are available.

Below shows a summary for empirical treatment of High-risk sepsis only.

Patients with low or moderate risk sepsis should be treated as per antimicrobial guidelines.

If meropenem is prescribed for indications listed below, a microbiology authorisation code is required prior to the third dose.

Source	HIGH risk Sepsis Empirical antibiotic choice	Notes
Discuss all CRO +ve patients with likely Gram-negative infections with Microbiology		
Abdominal	Meropenem 1 gram IV	Discuss with Microbiology if known to be CRO +ve
Chorioamnionitis/ endometritis	Meropenem 1 gram IV	Follow treatment guidance on antimicrobial website for all other obstetric indications.
Neutropenic Sepsis	Follow guidance on antimicrobial website	Treat if suspected, do not await bloods to confirm neutropaenia.
Respiratory	Treat as severe CAP/HAP/Aspiration pneumonia. Follow guidance on antimicrobial website	
Skin and soft tissue	Follow guidance on antimicrobial website	Discuss with microbiology if necrotizing fasciitis or MRSA +ve
Toxic shock	Follow guidance on antimicrobial website for treatment as per source.	Discuss with microbiology for adjunctive treatment.
Urinary	Meropenem 1 gram IV	Discuss with Microbiology if known to be CRO +ve
Unknown source	Meropenem 1 gram IV	
Bone and Joint Dental Endocarditis ENT Eyes Gynaecology Intravenous lines Meningitis Travel related infections Male genital tract	Follow treatment guidance on antimicrobial website	

Full Guideline can be found - <https://uhltrnhsuk.sharepoint.com/teams/PAGL/Lists/Speciality/DispForm.aspx?ID=205>