

Sepsis without Localising Signs (Non-Pregnant Adults): Treatment Overview

REVIEW previous microbiology results NOW Check for: • history of MRSA colonisation and • ESBL-producing gram negatives			
Read L → R	Appropriate regimen = 1 + 2 + 3		
	Pillar 1: Gram positive cover	Pillar 2: Gram negative cover	Pillar 3: Anaerobic cover
First line No penicillin allergy Not colonised with MRSA or ESBL resistant to gentamicin	Amoxicillin IV 1g 8 hourly <i>AND</i> Flucloxacillin IV 2g 6 hourly	Gentamicin IV as per gentamicin dosage guidelines	Metronidazole IV 500mg 8 hourly
Second line Penicillin allergy <i>or</i> MRSA colonisation No ESBL resistant to gentamicin	Vancomycin IV as per vancomycin dosage guidelines		
Third line No MRSA Known ESBL <i>AND</i> presentation with septic shock	Meropenem* IV 1g 8 hourly		
Fourth line MRSA and ESBL <i>AND</i> presentation with septic shock	Vancomycin IV as per vancomycin dosage guidelines	Meropenem* IV 1g 8 hourly	

*There is a small risk of allergic cross-reaction in patients with penicillin anaphylaxis.