

EMPIRICAL ANTIBIOTICS FOR IMMEDIATELY ADULTS WITH SEPSIS

For patients in septic shock – discuss with on-call microbiologist

Review May 2018

Indication	Antibiotics	Penicillin Allergy	History of MRSA
Meningitis	Ceftriaxone IV 2g 12 hrly If ≥ 50yrs <u>ADD</u> Amoxicillin IV 2g 4 hrly	<u>Mild Allergy (Rash)</u> <50 yrs: Ceftriaxone IV 2g 12 hrly >50 yrs: Meropenem IV 2g 8 hrly <u>Severe Allergy (Anaphylaxis)</u> Chloramphenicol IV 1g 6 hrly	No change
Meningo-Encephalitis	As above <u>PLUS</u> Aciclovir IV 10mg/kg 8 hrly	As above <u>PLUS</u> Aciclovir IV 10mg/kg 8 hrly	No change
Community Acquired Pneumonia	Co-amoxiclav IV 1.2 g 8 hrly <u>PLUS</u> Clarithromycin IV 500mg 12 hrly	<u>Mild Allergy (Rash)</u> Cefuroxime IV 1.5g 8 hrly <u>PLUS</u> Clarithromycin 500mg 12 hrly <u>Severe Allergy (Anaphylaxis)</u> Levofloxacin 500 mg PO/IV 12 hourly <i>(Use PO Levofloxacin if appropriate as it is well absorbed)</i>	Add vancomycin IV ♦
Hospital Acquired Pneumonia	Co-amoxiclav IV 1.2 g 8 hrly_★	<u>Mild Allergy (Rash)</u> Cefuroxime IV 1.5g 8 hrly <u>If Aspiration Pneumonia:</u> ADD Metronidazole IV 500mg 8 hrly <u>Severe Allergy (Anaphylaxis)</u> Levofloxacin 500mg PO/IV 12 hourly <i>(Use PO Levofloxacin if appropriate as it is well absorbed)</i> <u>If Aspiration Pneumonia:</u> ADD Metronidazole IV 500mg 8 hrly	Add Vancomycin IV ♦ (if not included in regimen)
Urinary Sepsis	Co-amoxiclav IV 1.2 g 8 hrly_★	<u>Mild Allergy (Rash)</u> Cefuroxime IV 1.5g 8 hrly <u>Severe Allergy (Anaphylaxis)</u> Ciprofloxacin IV 400mg 12 hrly If history of EBSL discuss with on-call microbiologist	Add Vancomycin IV ♦
Intra-abdominal Sepsis	Co-amoxiclav IV 1.2 g 8 hrly_★	<u>Mild Allergy (Rash)</u> Cefuroxime IV 1.5g 8 hrly <u>PLUS</u> Metronidazole 500mg 8 hrly <u>Severe Allergy (Anaphylaxis)</u> Gentamicin IV (7mg/kg as per chart) <u>PLUS</u> Metronidazole IV 500mg 8 hrly <u>Severe Allergy and Renal Impairment *</u> Ciprofloxacin IV 400mg 12 hrly <u>PLUS</u> Metronidazole IV 500mg 8 hrly If history of EBSL discuss with on-call microbiologist	Add Vancomycin IV ♦ (if not included in regimen)
Cellulitis	Flucloxacillin IV 2g 6 hrly	Vancomycin IV ♦	Vancomycin IV ♦ <i>instead of</i> Flucloxacillin
Necrotising fasciitis	Meropenem IV 1g 8 hrly <u>PLUS</u> Clindamycin IV 1.2g 6 hrly	Vancomycin IV ♦ <u>PLUS</u> Ciprofloxacin IV 400mg 12 hrly <u>PLUS</u> Clindamycin IV 1.2g 6 hrly	Add Vancomycin IV ♦ (if not included in regimen)
Sepsis of Unknown Origin	Co-amoxiclav IV 1.2 g 8 hrly_★	Vancomycin IV ♦ <u>PLUS</u> Ciprofloxacin IV 400mg 12 hrly <u>PLUS</u> Metronidazole IV 500mg 8 hrly	Add Vancomycin IV♦(if not included in regimen)

★ - If history of ESBL, use ERTAPENEM 1g OD ♦ Vancomycin doses as per Vancomycin Chart.

★ Dose adjustments may be required in hepatic/renal impairment – check in the BNF.