

## Duration of Antimicrobial Therapy

Infection	Organism/Condition	Empirical Antibiotics	Duration
UTI	Uncomplicated cystitis	Nitrofurantoin	3 days (female) 7 days (male)
	Pyelonephritis/catheter associated UTI	IV Co-amoxiclav or ceftriaxone +/- single dose gentamicin	7 – 14 days
	Asymptomatic bacteriuria in pregnancy	Cefadroxil	4 – 7 days
Intra-abdominal infections	Complicated intra-abdominal infections	Cefuroxime + metronidazole	4 – 7 days
Infectious diarrhoea	<i>Clostridium difficile</i>	5 days metronidazole if not response further 5 days oral vancomycin	10 days
	Salmonella spp. (age < 6 months or >65 years, severe)	Ceftriaxone	5 – 7 days
	Shigella spp.	Ciprofloxacin	3 – 5 days
	Campylobacter spp.	Erythromycin	5 days
	<i>Giardia lamblia</i>	Metronidazole	5 days
Pharyngitis	GAS	Penicillin V (oral – mild) Benpen IV (severe)	10 days
CAP	CAP	Amoxicillin (mild) Co-amoxiclav + clarithromycin (severe)	5 – 7 days
	HCAI pneumonia	Cefuroxime or Co-amoxiclav or Piptazo	7 – 14 days
Skin & soft tissue infections	Impetigo	Cephalexin	7 – 10 days
	Cellulitis/erysipelas	Flucloxacillin + Benpen	7 – 14 days
Bone & joint infections	Acute septic arthritis	Flucloxacillin + Sodium fusidate	3 weeks
	Acute haematogenous osteomyelitis	Flucloxacillin + Sodium fusidate	3 weeks
	Chronic osteomyelitis	Teicoplanin	12 weeks
Intravascular catheter related infections	CNS	Teicoplanin	5 – 7 days (after catheter removal)
	Gram-negative bacilli	Piptazo + gentamicin	7 – 14 days (after catheter removal)
	Candida spp.	Ambisome/Fluconazole/Caspofungin	14 days (after 1 <sup>st</sup> negative BC)
Infective endocarditis	Viridans Strep & Strep bovis – native valve	Benpen + gentamicin	2 – 4 weeks
	<i>S. pneumoniae</i> & groups B, C, E and G – native valve	Benpen + gentamicin	4 weeks
	<i>S. aureus</i> – native valve	Flucloxacillin + gentamicin	6 weeks
	<i>S. aureus</i> – prosthetic valve	Flucloxacillin + gentamicin	≥6 weeks
	Enterococci – native or prosthetic	Ampicillin (Vanc) + gentamicin	4 – 6 weeks
	HACEK	Cefotaxime	4 weeks
	Culture negative	Doxycycline + rifampicin	4 – 6 weeks
Bacterial meningitis	<i>N. meningitidis</i>	Ceftriaxone	7 days
	<i>H. influenzae</i> type B	Ceftriaxone	7 days
	<i>S. pneumoniae</i>	Ceftriaxone	10 – 14 days
	Group B Streptococci	Ceftriaxone + dexamethasone	14 – 21 days
	Gram-negative bacilli	Ceftriaxone	21 days
	<i>Listeria monocytogenes</i>	Ampicillin + gentamicin	≥21 days

