

A Pragmatic Guide to Antibiotic Spectrum

Gram Positive				Anaerobes	Gram Negative							
MRSA	MSSA	Enterococcus			Streptococcus	Neisseria meningitidis	Haemophilus influenzae	Moraxella	E. coli	Klebsiella	Proteus mirabilis	Pseudomonas
		Faecium	Faecalis									
	Doxycycline			Doxycycline			Doxycycline					Doxycycline
				Penicillin		Penicillin						
				Amoxicillin			Amoxicillin					
	Flucloxacillin			Flucloxacillin								
				Metronidazole								
	Co-trimoxazole			Co-trimoxazole			Co-trimoxazole					
							Trimethoprim					
							Gentamicin					
							Nitrofurantoin					
							Fosfomycin					
							Pivmecillinam					
	Clindamycin*			Clindamycin*								
	Macrolides			Macrolides								Macrolides
	Co-amoxiclav*			Co-amoxiclav*			Co-amoxiclav*					
	Vancomycin											
	Teicoplanin											
	Cefalexin			Cefalexin			Cefalexin					
	Cefuroxime*			Cefuroxime*			Cefuroxime*					
	Cefotaxime*			Cefotaxime*			Cefotaxime*					
	Ceftriaxone*			Ceftriaxone*			Ceftriaxone*					
							Ceftazidime*					
	Piperacillin/Tazobactam			Piperacillin/Tazobactam			Piperacillin/Tazobactam					
							Ciprofloxacin*					
	Levofloxacin			Levofloxacin			Levofloxacin					Levofloxacin
	Linezolid*											
	Meropenem*			Meropenem*			Meropenem*					
	Ertapenem*			Ertapenem*			Ertapenem*					

ACCESS

1st Line

Narrow spectrum

Use these agents preferentially

WATCH

2nd Line

Only use in accordance with guidelines or microbiology advice.

Narrow the spectrum when cultures/further clinical information is available.

Higher risk of resistance & *C. difficile*

RESERVE

Reserved due to resistance. To be used only in accordance with microbiology advice

Disclaimer: This chart is intended for use as a guide only, pending identification, sensitivities and microbiology advice. It **does not** replace expert advice. Local guidelines and preferences will vary. For simplicity, atypical organisms (except Legionella) are not included above. For *C. difficile* treatment, please consult local guidelines.
 (*): Requires microbiology approval, unless in line with antimicrobial guidelines.