

VA Pharmaceutical Sciences  
**ANTIBIOTIC ALLERGY CROSS-SENSITIVITY CHART**

	Amikacin	Amoxicillin	Ampicillin	Azithromycin	Cefazolin	Cefixime	Cefotaxime	Cefoxitin	Ceftazidime	Ceftriaxone	Cefuroxime	Cephalexin	Chloramphenicol	Ciprofloxacin	Clarithromycin	Clindamycin	Cloxacillin	Cotrimoxazole (Sulfa)	Daptomycin	Ertapenem	Erythromycin	Gentamicin	Imipenem	Levofloxacin	Meropenem	Metronidazole	Moxifloxacin	Penicillin	Piperacillin/Tazobactam	Streptomycin	Tigecycline	Tobramycin	Vancomycin			
Amikacin																																				
Amoxicillin																																				
Ampicillin		X																																		
Azithromycin																																				
Cefazolin																																				
Cefixime																																				
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Cefoxitin																																				
Ceftazidime																																				
Ceftriaxone																																				
Cefuroxime																																				
Cephalexin			X	X																																
Chloramphenicol																																				
Ciprofloxacin																																				
Clarithromycin																																				
Clindamycin																																				
Cloxacillin			X	X																																
Cotrimoxazole (Sulfa)																																				
Daptomycin																																				
Ertapenem																																				
Erythromycin																																				
Gentamicin		X																																		
Imipenem																																				
Levofloxacin																																				
Meropenem																																				
Metronidazole																																				
Moxifloxacin																																				
Penicillin			X	X																																
Piperacillin/Tazobactam			X	X																																
Streptomycin		X																																		
Tigecycline																																				
Tobramycin		X																																		
Vancomycin																																				

**KEY TO SYMBOLS:**

Blank = Not cross-sensitive as different structure

X = **AVOID.** Potential for cross-sensitivity due to similar structure or based on clinical reports of cross-sensitivity

a = **USE WITH CAUTION; Monitor first dose closely (vital signs at 15, 30 and 60 minutes post-first dose).**  
 Cephalosporins with different side-chain structures may be safely administered to patients with history of allergy to cephalosporins including anaphylaxis EXCEPT in those with severe delayed skin reactions (see Note below)

Note: **AVOID all penicillins, cephalosporins and carbapenems** if patient reports history of **severe delayed skin allergy to ANY beta-lactam antibiotic** (i.e. Steven-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), drug rash with eosinophilia and systemic symptoms (DRESS), acute generalized exanthematous pustolosis (AGEP)).

Ref: Adapted from Beta-lactam Antibiotic Cross-Allergy Chart, Interior Health Authority  
 Reviewed by Dr. Raymond Mak, Allergy & Immunology  
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