

Pharmaceutical Sciences CSU  
 PARENTERAL ANTIBIOTIC ALLERGY CROSS-SENSITIVITY CHART

	Amikacin	Ampicillin	Azithromycin	Bacitracin	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefuroxime	Chloramphenicol	Ciprofloxacin	Clindamycin	Cloxacillin	Cotrimoxazole (Sulfa)	Ertapenem	Erythromycin	Gentamicin	Imipenem	Levofloxacin	Meropenem	Metronidazole	Moxifloxacin	Neosporin	Penicillin	Piperacillin/Tazobactam	Streptomycin	Ticarcillin-Clavulanate	Tobramycin	Vancomycin
Amikacin	■															X						X		X		X			
Ampicillin		■			X	X	X	X	X			X		*		*	*						X	X	X				
Azithromycin			■												X														
Bacitracin				■																									
Cefazolin		X			■	X	X	X	X			X		*		*	*							X	X	X			
Cefotaxime		X			X	■	X	X	X			X		*		*	*							X	X	X			
Ceftazidime		X			X	X	■	X	X			X		*		*	*							X	X	X			
Ceftriaxone		X			X	X	X	■	X			X		*		*	*							X	X	X			
Cefuroxime		X			X	X	X	X	■			X		*		*	*							X	X	X			
Chloramphenicol										■																			
Ciprofloxacin											■								X			X							
Clindamycin												■																	
Cloxacillin		X			X	X	X	X	X			■		*		*	*							X	X	X			
Cotrimoxazole (Sulfa)													■																
Ertapenem		*			*	*	*	*	*			*		■		X	X							*	*	*			
Erythromycin			X												■														
Gentamicin	X															■							X		X	X			
Imipenem		*			*	*	*	*	*			*		X		■			X					*	*	*			
Levofloxacin											X								■			X							
Meropenem		*			*	*	*	*	*			*		X			X		■					*	*	*			
Metronidazole																					■								
Moxifloxacin											X											■							
Neosporin	X															X							■		X	X	X	X	
Penicillin		X			X	X	X	X	X			X		*		*	*							■	X	X	X	X	
Piperacillin/Tazobactam		X			X	X	X	X	X			X		*		*	*							X	■	X	X	X	
Streptomycin	X																X						X		■	X	X	X	
Ticarcillin-Clavulanate		X			X	X	X	X	X			X		*		*	*							X	X	■	X	X	
Tobramycin	X																X						X		X		■	X	
Vancomycin																													■

\* = Caution only if anaphylactic reaction to penicillin or cephalosporins  
 X = Potential for Cross-sensitivity  
 Blank = Not cross-sensitive

Updated: Oct 2011 KS/TL