

Pharmaceutical Sciences CSU  
PARENTERAL ANTIBIOTIC ALLERGY CROSS-SENSITIVITY CHART

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

\* = May consider using if non-anaphylactic reaction to the penicillin or cephalosporin; monitor closely

\*\* = There is little potential for cross-reactivity between penicillin/cephalosporins and carbapenems; however, monitor closely if previous anaphylactic reaction to penicillins or cephalosporins

X = Potential for cross-sensitivity

Blank = Not cross-sensitive

Updated: Feb 2014 APSIRES