

Documented Allergy

	Penicillin	Cephalosporin	Penicillin G/V	Nafcillin	Amoxicillin	Ampicillin	Piperacillin/tazobactam	Cefadroxil	Cefazolin	Cephalexin	Cefoxitin	Cefdinir	Cefuroxime	Cefpodoxime	Ceftriaxone	Ceftazidime	Cefepime	Ceftaroline	Ceftolozone	Ertapenem	Meropenem	Aztreonam
Penicillin G/V	X	C		C	C	C	C	C	C													
Nafcillin																						
Amoxicillin	X		C		X	C	X	C														
Ampicillin	X		C		X	C	C	X														
Piperacillin/tazobactam	X		C		C	C	C	C														
Cefadroxil	C	X	C		X	C	C															
Cefazolin		X																				
Cephalexin	C	X	C		C	X	C	C														
Cefoxitin	C	X	C									X										
Cefdinir		X											C	C	C	C	C	C				C
Cefuroxime		X							X				C	C		C	C					
Cefpodoxime		X								C	C		X	C	X	C	C					C
Ceftriaxone		X								C	C	X		C	X	C	C					C
Ceftazidime		X								C		C	C		C	C	X					X
Cefepime		X								C	C	X	X	C		C	C					C
Ceftaroline		X								C	C	C	C	C	C		C					C
Ceftolozone		X								C		C	C	X	C	C						C
Ertapenem																						
Meropenem																						
Aztreonam		C									C		C	C	X	C	C	C				

X Contraindicated - side chains exactly the same
C Use with caution - similarities in side chains
None No side chain similarity

References

Caruso C, Valluzzi RL, Colantuono S, et al. Beta Lactam Allergy and Cross-Reactivity: A Clinician's Guide to Selecting an Alternative Antibiotic

Chaudhry SB, Veve MP, Wagner JL. Cephalosporins: A Focus on Side Chains and β -Lactam Cross-Reactivity. *Pharmacy*. 2019; 7(3):103.

