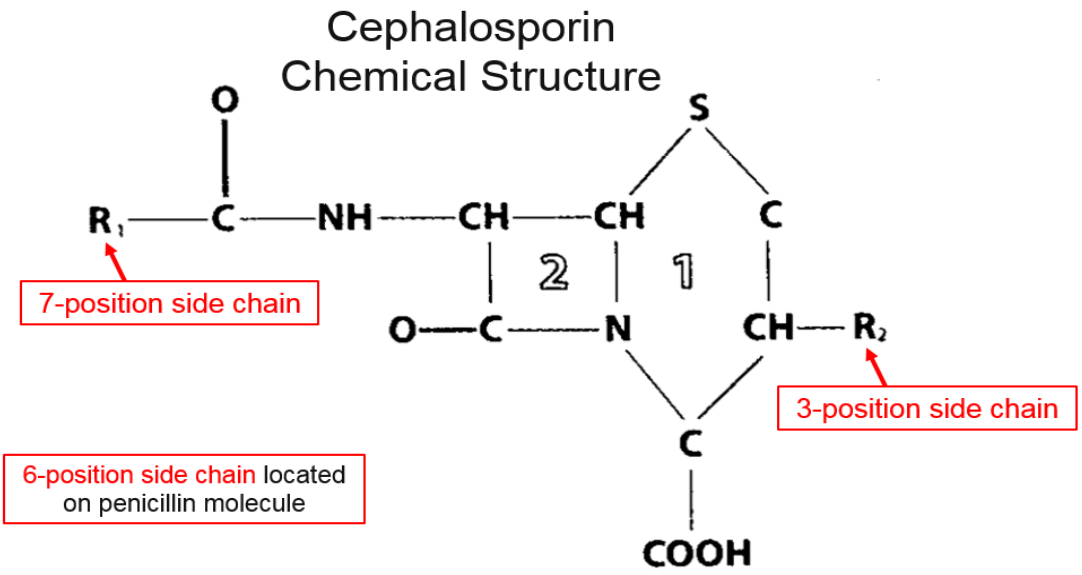
Beta-Lactam Similar Side Chains (Cross-Reactivity)	Amoxicillin	Ampicillin	Aztreonam	Cefaclor	Cefadroxil	Cefazolin	Cefdinir	Cefepime	Cefixime	Cefotaxime	Cefotetan	Cefoxitin	Cefpodoxime	Cefprozil	Ceftaroline	Ceftazidime	Ceftolozane	Ceftriaxone	Cefuroxime	Cephalexin	Penicillin G
Amoxicillin		6		6,7	6,7									6,7						6,7	
Ampicillin	6			6,7	6,7									6,7						6,7	
Aztreonam																7	7				
Cefaclor	6,7	6,7			7									7						7	
Cefadroxil	6,7	6,7		7										7						3,7	
Cefazolin																					
Cefdinir									3												
Cefepime										7			7		7			7			
Cefixime							3														
Cefotaxime								7					7		7			7			
Cefotetan																					
Cefoxitin																			3		6,7
Cefpodoxime								7		7					7			7			
Cefprozil	6,7	6,7		7	7															7	
Ceftaroline								7		7			7					7			
Ceftazidime			7														7				
Ceftolozane			7													7					
Ceftriaxone								7		7			7		7						
Cefuroxime												3									
Cephalexin	6,7	6,7		7	3,7									7							
Penicillin G												6,7									



Adopted from DePestel DD et al. J Am Pharm Assoc. 2008; 48(4):530-540, modified by Jeffrey Pearson, PharmD, BCIDP
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