

VCH-PHC PHARMACY DEPARTMENT ANTIBIOTIC ALLERGY CROSS-SENSITIVITY CHART

| | Amikacin | Amoxicillin | Ampicillin | Azithromycin | Cefadroxil (NF) | Cefazolin | Cefepime | Cefixime | Cefotaxime | Cefoxitin | Cefprozil (NF) | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefadroxil (NF) | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefazolin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefepime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefixime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefotaxime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefoxitin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefprozil (NF) | | X | X | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ceftazidime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ceftriaxone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cefuroxime | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cephalexin | | X | 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

* = **USE WITH CAUTION.** Similar side chain - Potential for cross reaction. Monitor first dose closely (vital signs at 15, 30, and 60 minutes post-first dose)

NF = Non-formulary drug

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 pustulosis (AGEP)).