

# Antibiotics and Penicillin Allergy

**\*SEVERE PENICILLIN ALLERGY:**

Normally within 1 hour (up to 12 hours)

- Anaphylaxis
- Angioedema
- Urticarial rash/pruritus
- Wheezing/stridor

**\*\*NON-SEVERE PENICILLIN ALLERGY:**

Normally after 24 hours

- Maculopapular/morbiliform rash
- Serum sickness (fever, rash, arthralgia, glomerulonephritis)

**CONTRA-INDICATED**

Avoid in severe\* and non-severe\*\* penicillin allergy

**Amoxicillin**

**Co-amoxiclav (Augmentin®) = Amoxicillin + Clavulanic acid**

**Flucloxacillin**

**Penicillin G (Benzylpenicillin)**

**Penicillin V (Phenoxymethylpenicillin)**

**Piperacillin + Tazobactam (Tazocin®)**

**Pivmecillinam**

**Temocillin**

**Ticarcillin + Tazobactam (Timentin®)**

**CAUTION**

Avoid in severe\* penicillin allergy

All cephalosporins including:

**Cefalexin**

**Cefixime**

**Cefotaxime**

**Ceftazidime**

**Ceftriaxone**

**Cefuroxime**

**Ceftazidime/avibactam**

**Ceftolozane/tazobactam**

**Ceftaroline**

All carbapenems including:

**Ertapenem**

**Imipenem + Cilastatin**

**Meropenem**

Other beta-lactams:

**Aztreonam (may be used with caution in severe penicillin allergy – discuss with microbiology)**

**CONSIDERED SAFE**

**Amikacin**

**Erythromycin**

**Ofloxacin**

**Azithromycin**

**Fidaxomicin**

**Oxytetracycline**

**Chloramphenicol**

**Fosfomicin**

**Rifampicin**

**Ciprofloxacin**

**Gentamicin**

**Sodium Fusidate**

**Clarithromycin**

**Levofloxacin**

**Teicoplanin**

**Clindamycin**

**Linezolid**

**Tetracycline**

**Colistin**

**Metronidazole**

**Tigecycline**

**Co-Trimoxazole**

**Moxifloxacin**

**Trimethoprim**

**Dalbavancin**

**Nitrofurantoin**

**Tobramycin**

**Daptomycin**

**Norfloxacin**

**Vancomycin**

**Doxycycline**

Individuals with a severe\* allergy to penicillin **SHOULD NOT** receive a penicillin, cephalosporin or another beta-lactam antibiotic. Individuals with a non-severe\*\* penicillin allergy **SHOULD NOT** receive a penicillin but cephalosporins, carbapenems and other beta-lactams can be used for these patients with caution as the risk of cross sensitivity is low.