

Antibiotics and Penicillin Allergy

*SEVERE PENICILLIN ALLERGY

Type 1 | Acute

Anaphylaxis
Angioedema
Urticarial rash/pruritus
Hypotension and/or bronchospasm and/or stridor
Asthma exacerbation/wheezing

Type 4 | Delayed

Severe cutaneous adverse reactions with systemic involvement (e.g rash associated with blisters, skin peeling, mucosal inflammation, purpura).

**NON-SEVERE PENICILLIN ALLERGY

Maculopapular/morbilliform rash including widespread red macules or papules (exanthema-like) or fixed drug eruption (localised inflamed skin)

Serum sickness like reaction (fever, rash arthralgia)

Glomerulonephritis

NB: Symptoms such as minor GI symptoms, minor headache or benign rash or minor rash occurring after 72 hours should be classified as an intolerance rather than allergy.

CONTRA-INDICATED

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

Amoxicillin

Amoxicillin/Clavulanic acid
(*Co-amoxiclav, aka Augmentin®*)

Ampicillin

Ampicillin-Flucloxacillin
(*Co-fluampicil*)

Benzathine Benzylpenicillin

Benzylpenicillin (*Penicillin G*)

Flucloxacillin

Phenoxymethylpenicillin
(*Penicillin V*)

Piperacillin/Tazobactam
(*aka Tazocin®*)

Pivmecillinam

Temocillin

CAUTION

Avoid in severe* penicillin allergy.
Caution in non-severe** penicillin allergy.

Cephalosporins

Cefaclor
Cefalexin
Cefazolin
Cefepime
Cefiderocol

Cefixime
Cefotaxime
Cefradine
Ceftaroline
Ceftazidime

Ceftazidime/Avibactam
Ceftolozane/Tazobactam
Ceftriaxone
Cefuroxime

Carbapenems

Ertapenem
Meropenem
Imipenem/Cilastatin
Meropenem/Vaborbactam
Imipenem/Cilastatin/Relebactam

Monobactams

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

SAFE

in penicillin allergy

Amikacin
Azithromycin
Chloramphenicol
Ciprofloxacin
Clarithromycin
Clindamycin
Colistin
Co-Trimoxazole
Dalbavancin
Daptomycin
Delafloxacin
Doxycycline

Erythromycin
Fidaxomicin
Fosfomicin
Gentamicin
Levofloxacin
Linezolid
Lymecycline
Metronidazole
Minocycline
Moxifloxacin
Neomycin
Nitrofurantoin

Ofloxacin
Oritavancin
Oxytetracycline
Rifampicin
Sodium Fusidate
Teicoplanin
Tetracycline
Tigecycline
Tobramycin
Trimethoprim
Vancomycin
Ofloxacin