

Penicillin allergy risk	Reaction history	Therapeutic Recommendation
Non-anaphylactic penicillin allergy	Reaction inconsistent with allergy (ex. headache, family history, isolated GI intolerance)	Administer any cephalosporin normally (regardless of side chains)
	History of distant (>10 years) cutaneous reaction	
	Rash, flushing, itching, fever, swelling	
	Unknown, undocumented reaction	
Anaphylactic penicillin allergy	Confirmed Type 1 IgE mediated reaction (anaphylaxis, angioedema, hypotension, immediate hives, etc.)	Administer any cephalosporin with dissimilar side chain to penicillin: <ul style="list-style-type: none"> • ANY IV cephalosporin • PO 2nd /3rd generation cephalosporin <p>AVOID cephalosporins with same side chains:</p> <ul style="list-style-type: none"> • Cefadroxil • Cephalexin
Delayed type reaction	SJS, TEN, serum sickness, hemolytic anemia, AIN	Avoid beta-lactams, consider consultation

Reference:

1. Khan DA, et al. Drug allergy: A 2022 practice parameter update. J Allergy Clin Immunol. 2022 Dec;150(6):1333-1393. doi: 10.1016/j.jaci.2022.08.028. Epub 2022 Sep 17. PMID: 36122788.