

SHOULD YOUR PATIENT BE REFERRED FOR PENICILLIN-ALLERGY ASSESSMENT?

USE THIS TOOL TO IDENTIFY PATIENTS WHO MAY BENEFIT FROM HAVING THEIR PENICILLIN ALLERGY EVALUATED BY A HEALTHCARE PROFESSIONAL.

Who?

The “Penicillin Allergy Assessment Algorithm” is designed for use by the dental team.

What?

The “Penicillin Allergy Assessment Algorithm” is a decision-making tool to guide the dental team to identify patients who may benefit from having their penicillin allergy evaluated by a healthcare professional with the ultimate goal being to “de-label” the patient as penicillin allergic—if appropriate.

When not?

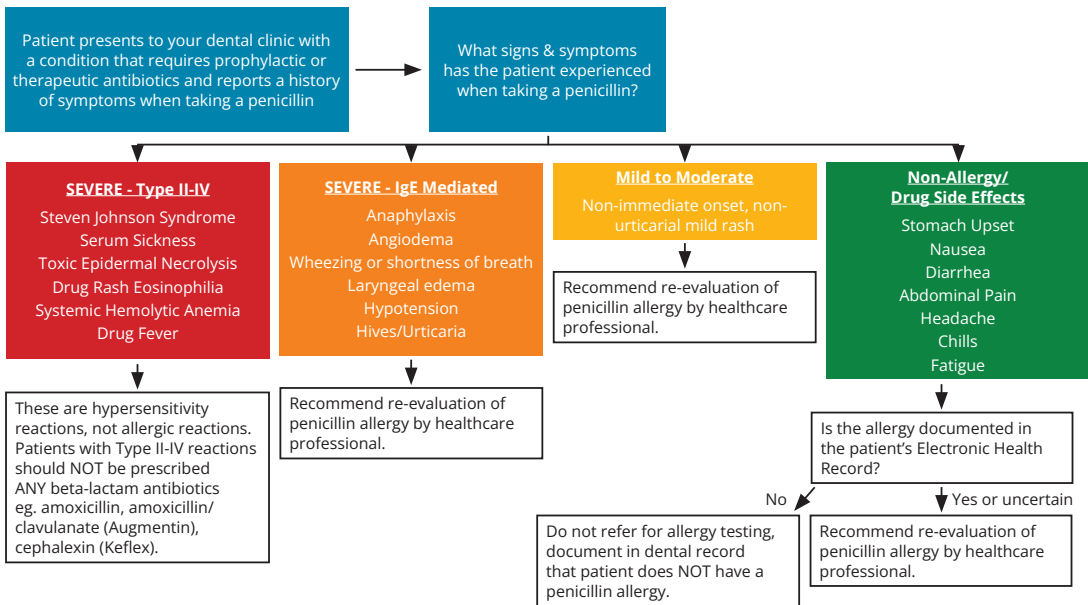
The framework is NOT intended to provide precise prescribing recommendations* for individual clinical situations, but rather assist the clinician and the patient to collaborate and determine if there is evidence from the patient's allergy history to recommend an evaluation.

Why?

- Patients who state that they are allergic to penicillin often do not have a true allergy, or their allergy may have waned over time.¹
- Patients labelled as penicillin-allergic are more likely to receive antibiotics that are NOT recommended as first-line therapy that have been associated with:
 - Reduced efficacy
 - More adverse reactions, including C. diff diarrhea which has been frequently observed in dental patients
 - Increased risk for antibiotic resistance
 - Higher healthcare costs

1. *J Allergy Clin Immunol Pract.* 2020 Oct;8(9S):S16-S116





*References for antibiotic choices and dosing:

For management of oral pain and swelling: <https://ebd.ada.org/en/evidence/guidelines/antibiotics-for-dental-pain-and-swelling>

For prophylaxis: https://aao.wbeauthor.com/go/auc/terms.cfm?actionxm=Terms&auc_id=224965