

The Penicillin **Allergy Clinic**

Dear Obstetrician/Gynecologist,

As of September 2020, our clinic will begin testing patients in Winnipeg for true Penicillin/Amoxicillin allergy in an attempt to de-label all false allergies. Approximately 10% of patients report a Penicillin allergy of which 95% are false. This leads to unnecessary avoidance of Penicillin/Amoxicillin and sometimes Ancef/Cefazolin in place of more expensive broad-spectrum antibiotics such as Vancomycin leading to increased surgical site infections, increased intra-operative time, and increased length of stay in hospital. Choosing Wisely recommends ALL patients with a Penicillin allergy be referred for allergy testing [1].

Our de-labelling process is incredibly safe and requires only a few hours of the patient's time. Our process allows us to de-label low risk patients which is the majority of patients who carry a Penicillin or Amoxicillin allergy label. Any patients we deem higher risk who are unable to be de-labelled at our clinic will be referred to an allergist for further management. We do not offer skin testing as the most recent studies and guidelines state that skin-prick and intra-dermal testing are not required for a majority of patients who are at low-risk for a Penicillin/Amoxicillin allergy. There are numerous benefits to you and your patients by removing their Penicillin/Amoxicillin allergy such as...

Benefits to Patients by Removing Penicillin/Amoxicillin Allergy

- 10% higher Caesarean section rate in unverified Penicillin allergic women (GBS + or -), more days in hospital after delivery, and more adverse drug reactions [2]
- 50% reduced odds of surgical site infection [3]
- Reduced Vancomycin use, minimizing delays to initiation of incision time in the OR [4]
- Reduced intraoperative time [4]
- Reduced length of hospital stay [5]
- Reduced risk of *Clostridium difficile* (35%) and MRSA (55%) [6]

Benefits to Healthcare System by Removing Penicillin/Amoxicillin Allergy

- Inpatient costs savings were \$1145-\$4254 per patient when Penicillin allergy was removed [7]
- Average antibiotic costs per patient decreased from \$1,265.81 to \$592.08 USD, a 53% savings [8]

To provide your patients the best possible care and reduce healthcare costs, please fax a consult to 1-888-736-1743 addressed to the 'The Penicillin Allergy Clinic'.

Sincerely,

Dr. Norm Silver, FRCPC Pediatrician/Emergency Physician

Dr. Taft Micks, CCFP(EM) Family/Emergency Physician

References
1. Choosing Wisely. American Academy of Allergy, Asthma & Immunology. https://www.choosingwisely.org/clinician-lists/american-academy-allergy-asthma-immunlogy-non-beta-lactam-antibiotics-penicillin-

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