

PENICILLIN ALLERGY [1]

ASSESSING PENICILLIN ALLERGY RISK STRATIFICATION DURING PREGNANCY

DEGREE OF RISK ⇒	NOT AT RISK	LOW RISK	HIGH RISK	SEVERE RISK
SYMPTOMS	Headaches	Rash (nonspecific or maculopapular)	Hypotension	Anaphylaxis in past year
	Family history with no personal history of allergic reaction	Isolated symptoms that are unlikely allergic (itching without rash, nausea, diarrhea)	Hives or Urticaria	Mucosal involvement (sloughing of mucosal surfaces, blistering, etc)
	Yeast Infections	Unknown reaction >10 years ago without features of allergic (IgE-mediated) reaction [*]	Vomiting	Fever
	Previous tolerance of penicillin (documented tolerance on MAR, pharmacy or reported by reliable historian)		Respiratory distress	Fine pustular rash
			Angioedema/laryngeal edema	Skin sloughing
			Anaphylaxis (>1 year ago) [*]	End organ dysfunction
			Unknown reaction within past 5-10 years	Eosinophilia or other blood dyscrasia
ANTEPARTUM	Clinically de-label patient, provider patient education	Monitored drug challenge with detailed allergy history -- OR -- Refer for allergy testing	Refer for allergy testing	AVOID PENICILLINS Consult allergy if penicillin administration necessary
INTRAPARTUM	Clinically de-label patient, provider patient education Follow routine GBS protocol	Monitored drug challenge with detailed allergy history -- OR -- Utilize cefazolin	Utilize clindamycin or vancomycin based on sensitivity and culture data	AVOID PENICILLINS Consult allergy if penicillin administration necessary
POSTPARTUM	Clinically de-label patient, provider patient education	Monitored drug challenge with detailed allergy history -- OR -- Refer for allergy testing	Refer for allergy testing	AVOID PENICILLINS Consult allergy if penicillin administration necessary

[*] Features of IgE-mediated reaction include cutaneous symptoms (itching, flushing, urticaria, and angioedema) with the presence of additional organ system involvement such as respiratory (dyspnea, wheezing, bronchospasm, shortness of breath), cardiovascular (arrhythmia, syncope, chest tightness) and gastrointestinal (abdominal pain, nausea, vomiting, diarrhea).