



QUESTIONS to EVALUATE YOUR DOXYCYCLINE or MINOCYCLINE ALLERGY

You have stated that you (or your child) have an allergy to doxycycline or minocycline. It is recommended by the American Academy of Allergy, Asthma and Immunology that all adults (and children) with a doxycycline or minocycline allergy have an allergy evaluation proactively.

Having a **serious reaction** to doxycycline/minocycline is **extremely rare** but side effects are fairly common and not unexpected.

The purpose of this questionnaire is to better understand your allergy so we can determine if you can safely receive doxycycline or minocycline.

1. There are 3 steps to determine your penicillin allergy type.
2. Please answer each question by choosing YES or NO
3. I (your child) had a reaction to: Doxycycline _____ or Minocycline _____

Step 1

THIS WILL DETERMINE IF YOU OR YOUR CHILD HAVE A RARE SEVERE ALLERGY.

Do you have a history of any of the following reactions after taking doxycycline or minocycline?
THE REACTION MAY HAVE OCCURRED ALMOST IMMEDIATELY OR UP TO SEVERAL WEEKS after taking the antibiotic.

Please check "Yes" or "No" (or circle Yes or No if printed out). (Titles below are for health care provider use)

SKIN REACTIONS

1. DRESS

- | | | |
|---|-----|----|
| • Rash all over your body followed by peeling of the skin | YES | NO |
| • Rash with mouth sores | YES | NO |
| • swollen glands | YES | NO |
| • liver problems | YES | NO |
| • kidney problems | YES | NO |

2. SJS/TEN

- | | | |
|---|------------|-----------|
| • Rash devoping into blisters all over your body | YES | NO |
| • Mouth sores | YES | NO |
| • Redness of the eyes | YES | NO |

3. SWEET'S SYNDROME

- | | | |
|---|------------|-----------|
| • Sudden onset of painful red skin patch or lump | YES | NO |
| • Fever | YES | NO |

4. SYSTEMIC LUPUS ERYTHEMATOSIS (Lupus) (SLE)

- | | | |
|---|------------|-----------|
| • Have you been diagnosed with lupus | YES | NO |
| • Have you ever had a positve blood test for lupus - a positive ANA | YES | NO |

LUNG REACTIONS

- | | | |
|---|------------|-----------|
| • Hypersensitivity pneumonia | YES | NO |
| • Fluid on the lungs | YES | NO |
| • Eosinophilic pneumonia
(pneumonia with abmornal white cells) | YES | NO |

AUTOIMMUNE SYNDROMES

1. Serum sickness like reaction

- | | | |
|---|------------|-----------|
| • Rash and joint pains | YES | NO |
| • Lupus-like syndrome | YES | NO |
| • Inflammation of the liver (hepatitis) | YES | NO |
| • Purple rash with kidney or lung damage (vasculitis) | YES | NO |

NEUROLOGIC

INTERACRANIAL HYPERTENSION

Have you had any of the following occurring **at the same time** after taking doxycycline or minocycline

- | | | |
|--|------------|-----------|
| • Headache - usually sudden and severe | YES | NO |
| • Trouble with vision | YES | NO |
| • Ringing in the ears | YES | NO |
| • Nausea and vomiting | YES | NO |

If “YES” to any question(s), you are **most likely SEVERELY ALLERGIC** to doxycycline or minocycline.

**You should not take doxycycline or minocycline until you are evaluated
by your Healthcare Provider**

****YOU DO NOT HAVE TO ANSWER ANY OTHER QUESTIONS.****

If “NO” go to **Step 2**.

Step 2

THIS WILL DETERMINE IF YOU OR YOUR CHILD HAVE A SEVERE IMMEDIATE REACTION

Do you have a history of any of the following reactions occurring **within 6 hrs after taking the antibiotic?**

- | | | |
|---|------------|-----------|
| • Sudden onset of shortness of breath, wheezing, cough or high-pitched whistling sound while taking a deep breath | YES | NO |
| • Passed out | YES | NO |
| • Total body rash with welts that itch | YES | NO |
| • Swollen lips, tongue or throat tightness | YES | NO |
| • Abdominal pain or vomiting | YES | NO |

If “YES” to any question(s), you are **most likely SEVERELY ALLERGIC** to doxycycline or minocycline.

**You should not take doxycycline or minocycline until you are evaluated
by your Healthcare Provider**

****YOU DO NOT HAVE TO ANSWER ANY OTHER QUESTIONS.****

If “NO” go to **Step 3**.

Step 3

THIS WILL DETERMINE IF YOU ARE NOT ALLERGIC BUT HAD A COMMON SIDE EFFECT FROM DOXYCYCLINE OR MINOCYCLINE

Have you had any of the following reactions after taking doxycycline or minocycline?

• Rash while out in the sun while taking doxycycline or minocycline	YES	NO
• Heartburn after taking doxycycline or minocycline	YES	NO
• Diarrhea, nausea, vomiting, or abdominal pain	YES	NO
• Flat rash without welts	YES	NO
• Itching without a rash	YES	NO
• Do you have a family history of allergy to doxycycline or minocycline	YES	NO
• Dizziness or ringing in your ears	YES	NO

If “YES”, you are most likely not allergic to doxycycline/minocycline but had a common side effect and you can safely take doxycycline or minocycline

REFERENCES

1. Practical Guidance for the Evaluation and Management of Drug Hypersensitivity: Specific Drugs. Broyles AD, Banerji A, Barmettler S, et al. The Journal of Allergy and Clinical Immunology. In Practice. 2020; 8(9S):S16-S116.doi:10.1016/j.jaip.2020.08.006.
2. Hypersensitivity to Tetracyclines: Skin Testing, Graded Challenge, and Desensitization Regimens Maciag MC, Ward SL, O’Connell AE, Broyles AD. Annals of Allergy, Asthma & Immunology: Official Publication of the American College of Allergy, Asthma & Immunology. 2020;124(6): 589-593. doi:10.1016/j.anai.2020.02.007.
3. Comparative Analysis of Adverse Drug Reactions to Tetracyclines: Results of a French National Survey and Review of the Literature. Lebrun-Vignes B, Kreft-Jais C, Castot A, Chosidow O. The British Journal of Dermatology. 2012;166(6):1333-41.doi:10.1111/j.1365-2133.2012.10845.x.
4. Road Less Traveled: Drug Hypersensitivity to Fluoroquinolones, Vancomycin, Tetracyclines, and Macrolides. Zhu LJ, Liu AY, Wong PH, Arroyo AC. Clinical Reviews in Allergy & Immunology. 2022;62(3):505-518. doi:10.1007/s12016-021-08919-5.