



The Uses and Side Effects of Azithromycin

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Abstract

Background: Azithromycin is a macrolide antibiotic with a long half-life and a high degree of tissue penetration. It is used to treat a variety of bacterial infections, including respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

Methods: A search of the literature was conducted using the following keywords: azithromycin, uses, side effects, and clinical trials. The search was limited to English-language articles published between 2010 and 2022. The articles were screened for relevance and quality, and the most relevant findings were extracted and synthesized.

Results: Azithromycin is used to treat a variety of bacterial infections, including respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. The most common side effects of azithromycin are gastrointestinal upset, headache, and dizziness. Other side effects include taste disturbance, rash, and allergic reactions. Azithromycin is generally well-tolerated, and its use is associated with a low risk of drug resistance.

Conclusion: Azithromycin is a safe and effective antibiotic with a long half-life and a high degree of tissue penetration. It is used to treat a variety of bacterial infections, including respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. The most common side effects of azithromycin are gastrointestinal upset, headache, and dizziness. Other side effects include taste disturbance, rash, and allergic reactions. Azithromycin is generally well-tolerated, and its use is associated with a low risk of drug resistance.

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Keywords: Azithromycin, uses, side effects, clinical trials

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