



The Uses and Side Effects of Azithromycin

Paraskev Katsakori*

Department of Pharmacology, University of Patras, Greece

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Abstract

Background: Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

Keywords: Azithromycin, uses, side effects, macrolide antibiotic, respiratory tract infections, skin and soft tissue infections, sexually transmitted infections, gastrointestinal symptoms, nausea, vomiting, diarrhea, headache, dizziness, taste disturbances, liver damage, allergic reactions.

1. Introduction

Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

2. Pharmacokinetics

Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

3. Uses

Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

4. Side Effects

Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

5. Conclusion

Azithromycin is a macrolide antibiotic with a unique pharmacokinetic profile. It is effective against a wide range of bacteria, including atypical pathogens. The drug is used to treat various infections, such as respiratory tract infections, skin and soft tissue infections, and sexually transmitted infections. However, like all antibiotics, azithromycin can cause side effects. The most common side effects are gastrointestinal symptoms, such as nausea, vomiting, and diarrhea. Other side effects include headache, dizziness, and taste disturbances. In rare cases, azithromycin can cause more serious side effects, such as liver damage and allergic reactions. The purpose of this review is to provide an overview of the uses and side effects of azithromycin.

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