

# Arteslide 120 Injection

## Artesunate (120 mg) Injection: Product Information

**Brand Name:** Artesunate Injection

**Generic Name:** Artesunate

**Strength:** 120 mg per vial

**Dosage Form:** Injectable powder for reconstitution

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### Indications:

Artesunate 120 mg Injection is indicated for:

- **Treatment of severe malaria**, particularly **severe Plasmodium falciparum malaria** in both adults and children.
- **Emergency management of malaria cases** in patients unable to take oral medications or when rapid treatment is necessary.

Artesunate is often used as part of a combination therapy with other antimalarial drugs to reduce the risk of drug resistance.

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### Mechanism of Action:

Artesunate is a **water-soluble derivative of artemisinin** and works by:

- **Generating reactive oxygen species** inside the malaria parasite, leading to oxidative damage and death of the parasite.
- Rapidly acting against all blood stages of the malaria parasite, which helps to quickly reduce the parasite load in severe malaria cases.

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### Dosage and Administration:

- **Preparation:** Reconstitute the 120 mg vial with the recommended diluent (typically sterile water) as per package instructions to achieve the required concentration.

- **Adult and Pediatric Dosing:** The typical dose is **2.4 mg/kg body weight** administered intravenously or intramuscularly at 0, 12, and 24 hours, followed by once-daily doses until the patient can switch to oral antimalarial therapy or for at least 48 hours.
- **Duration:** Continue Artesunate injections until the patient can tolerate oral antimalarials or as recommended by a healthcare provider.

### Administration Instructions:

- Administer by slow intravenous injection or intramuscular injection.
- Reconstituted solution should be used promptly; consult the product insert for storage details of reconstituted solutions if immediate administration is not possible.

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### Contraindications:

Artesunate 120 mg Injection is contraindicated in patients who:

- Have a known **hypersensitivity** to Artesunate, artemisinin derivatives, or any component of the injection.
- Are in the first trimester of pregnancy, except when the potential benefit outweighs the risk, as determined by a healthcare provider.

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### Warnings and Precautions:

- **Delayed Hemolysis:** Monitor for post-treatment hemolysis, as artesunate may cause delayed hemolysis after treatment, particularly in patients treated for severe malaria.
- **Liver and Kidney Function:** Use with caution in patients with hepatic or renal

impairment; monitor liver and kidney function as Artesunate is metabolized in the liver.

- **Hypersensitivity Reactions:** Use with caution in patients with a history of hypersensitivity to artemisinin derivatives.

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### Side Effects:

Common side effects of Artesunate Injection may include:

- **Dizziness, headache, and nausea**
- **Injection site reactions**, such as pain or redness
- **Fever or chills**

Serious but rare side effects include:

- **Hemolytic anemia:** Delayed hemolysis can occur days to weeks after treatment; monitor hemoglobin levels in patients receiving Artesunate.
- **Allergic reactions:** Such as rash, itching, or difficulty breathing, which require immediate medical attention.

If serious side effects occur, discontinue use and provide appropriate medical treatment.

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### Drug Interactions:

Due to its rapid action and short half-life, Artesunate has minimal interactions with most other drugs. However, inform the healthcare provider of any concurrent medications, particularly other antimalarials, as combination therapy is commonly recommended to prevent drug resistance.

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### Storage:

- Store Artesunate powder at **room temperature** (15°C to 25°C / 59°F to 77°F), away from light.
- Reconstituted solution should be used immediately or as per the manufacturer's instructions.

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### Patient Counseling Information:

- **Follow-up:** Complete the full course of malaria treatment, including any additional antimalarial therapy, even if symptoms improve to prevent relapse.
- **Report symptoms of anemia:** Such as fatigue, dizziness, or shortness of breath after treatment, as Artesunate may cause delayed hemolysis.
- **Pregnancy:** Inform the healthcare provider if pregnant or planning to become pregnant, as treatment decisions may be adjusted.

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This information provides a general overview of **Artesunate 120 mg Injection**. Always follow healthcare provider instructions and consult them for any specific questions or concerns regarding this medication.

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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