

Artemether (40mg/5ml) + Lumefantrine (240mg/5ml)

# Arteslide L Dry Syrup

## Artemether (40 mg/5 ml) + Lumefantrine (240 mg/5 ml) Dry Syrup: Product Information

**Brand Name:** Artemether + Lumefantrine Dry Syrup

**Generic Name:** Artemether and Lumefantrine

**Strength:** 40 mg Artemether and 240 mg Lumefantrine per 5 ml after reconstitution

**Dosage Form:** Dry Syrup (for oral suspension)

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### Indications:

Artemether 40 mg/5 ml + Lumefantrine 240 mg/5 ml Dry Syrup is indicated for:

- **Treatment of uncomplicated malaria** due to *Plasmodium falciparum* in children and infants who cannot swallow tablets.
- Effective in treating **drug-resistant strains** of *P. falciparum*, particularly in areas with high resistance to other antimalarial drugs.

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### Mechanism of Action:

The combination of Artemether and Lumefantrine offers dual action against malaria parasites:

- **Artemether:** A fast-acting antimalarial that generates reactive metabolites to damage and kill malaria parasites.
- **Lumefantrine:** A longer-acting antimalarial that sustains activity to eliminate the remaining parasites, reducing the risk of malaria recurrence.

Together, they help to clear the malaria infection and prevent further growth of parasites in the bloodstream.

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### Dosage and Administration:

1. **Reconstitution:** Add the specified volume of clean, boiled, and cooled water to the dry syrup bottle. Shake well to ensure uniform suspension.
2. **Dosing Schedule:**
  - The typical dose is based on body weight and age. For exact dosing, consult the healthcare provider, as dosing should be administered **twice daily** (12 hours apart) for **3 consecutive days**, totaling 6 doses.
3. **Administration Instructions:**
  - Shake the bottle well before each dose.
  - Administer with or shortly after food or milk to improve absorption.
  - Use the provided measuring spoon or syringe for accuracy.

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### Contraindications:

Artemether + Lumefantrine Dry Syrup is contraindicated in:

- Children with known **allergy or hypersensitivity** to Artemether, Lumefantrine, or any component of the formulation.
- Children with a **history of cardiac conditions** (e.g., QT prolongation) or electrolyte imbalances that could affect heart rhythm.
- Use during **first trimester of pregnancy** unless specifically recommended by a healthcare provider due to potential risks.

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### Warnings and Precautions:

- **QT Interval Prolongation:** Lumefantrine can affect the heart's rhythm; avoid use in children with known cardiac issues.
- **Electrolyte Imbalance:** Correct any low potassium or magnesium levels before

starting treatment to reduce the risk of cardiac side effects.

- **Severe Malaria:** This syrup is intended for uncomplicated cases. In severe malaria, alternative treatment methods may be preferred.

- After reconstitution, store the suspension in a refrigerator and **use within 7 days**. Discard any unused portion after this period.
- Keep out of reach of children.

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### Side Effects:

Common side effects may include:

- **Nausea, vomiting, diarrhea, or loss of appetite**
- **Abdominal pain, headache, dizziness, and fever**
- **Cough and skin rash**

Serious but rare side effects include:

- **Cardiovascular symptoms:** Such as palpitations, fainting, or chest pain. Seek immediate medical attention if these occur.
- **Severe allergic reactions:** Signs may include rash, itching, swelling, or breathing difficulty.

In cases of severe side effects, discontinue use and consult a healthcare provider immediately.

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### Drug Interactions:

- **Avoid other QT-prolonging drugs:** Concomitant use with certain antipsychotics, antibiotics, and antiarrhythmics may increase the risk of heart issues.
- **Other antimalarials:** Do not combine with other antimalarial drugs unless advised by a healthcare provider.
- **Grapefruit:** Avoid grapefruit juice, as it can increase Lumefantrine levels and risk of side effects.

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### Storage:

- Store the dry powder at **room temperature** (15°C to 30°C / 59°F to 86°F), protected from moisture.

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### Patient Counseling Information:

- **Complete the full treatment course:** Ensure all doses are taken as prescribed, even if symptoms improve, to fully clear the infection.
- **Administer with food or milk:** This improves the effectiveness of the medication.
- **Watch for side effects:** Report any unusual symptoms, particularly cardiac symptoms or signs of an allergic reaction, to a healthcare provider.
- **Follow up:** Return for follow-up appointments or as advised to confirm the infection is fully treated.

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This overview provides general information on **Artemether 40 mg/5 ml + Lumefantrine 240 mg/5 ml Dry Syrup**. Always follow your healthcare provider's instructions and consult them for any specific questions regarding this medication and follow-up care.

Manufactured in India for:

**Cafoli**<sup>TM</sup>  
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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