

Arteslide L 40 Tablet

Artemether (40 mg) + Lumefantrine (240 mg) Tablet

Effective Treatment for Malaria

Description

Artemether (40 mg) + Lumefantrine (240 mg) tablet is a **combination antimalarial medication** used to treat **acute, uncomplicated malaria** caused by the **Plasmodium falciparum** parasite. This combination therapy provides a **fast-acting** solution for the treatment of malaria by utilizing two powerful drugs: **Artemether**, a fast-acting artemisinin derivative, and **Lumefantrine**, a longer-acting drug that helps to clear the parasite from the bloodstream. The combination is effective in treating malaria and reducing the risk of developing resistance to the drugs.

Mechanism of Action

- **Artemether:**
 - Artemether is a **water-soluble derivative of artemisinin**, which works by producing free radicals that damage the **malaria parasites**. This process disrupts the **parasite's cell membrane**, leading to its death. Artemether acts quickly to reduce parasite numbers in the bloodstream.
 - **Lumefantrine:**
 - Lumefantrine inhibits the **growth and replication** of the malaria parasites by interfering with their **protein synthesis**. It has a longer half-life compared to artemether, allowing it to continue working after Artemether has cleared the bloodstream, helping to eliminate remaining parasites and prevent relapse.
-

Indications

Artemether (40 mg) + Lumefantrine (240 mg) is indicated for:

- **Treatment of Acute, Uncomplicated Malaria:**
 - Particularly effective against **Plasmodium falciparum** malaria, which is the most common and severe form of malaria.
 - **Malaria in Adults and Children:**
 - Used for the treatment of malaria in both **adults and children** weighing at least **5 kg**.
 - **Prophylactic Use:**
 - Occasionally used in **malaria-endemic regions** as part of a treatment regimen to reduce risk of infection.
-

Dosage and Administration

- **Adults and Children (over 12 years of age):**
 - The typical dose is **one tablet (40 mg Artemether + 240 mg Lumefantrine)** taken twice daily for **3 days**.
 - **Children (under 12 years):**
 - Dosing is based on weight. A healthcare provider will prescribe the correct dosage for children based on their weight and age.
 - **Administration:**
 - The tablet should be taken **with food** to improve absorption.
 - Take the tablet **whole**, without chewing or crushing it.
-

Note: Follow the full course of treatment as prescribed, even if you feel better before the treatment is finished, to prevent relapse or resistance.

Possible Side Effects

Common Side Effects:

- Headache
- Dizziness
- Nausea
- Fatigue
- Loss of appetite
- Abdominal pain

Serious Side Effects:

- **Allergic reactions:** Rash, swelling of the face, lips, or throat, difficulty breathing.
- **Liver problems:** Yellowing of the skin or eyes (jaundice), dark urine, and persistent fatigue.
- **Heart rhythm abnormalities: QT prolongation** can occur, leading to an irregular heartbeat.
- **Severe anemia or low blood cell counts:** Can result in **fatigue, weakness, or paleness.**

If you experience any of these serious side effects, **seek immediate medical help.**

Precautions

- **Liver Impairment:**
 - Use with caution in patients with liver disease, as both Artemether and Lumefantrine are metabolized by the liver. Regular monitoring may be needed.
- **Heart Conditions:**
 - Lumefantrine can prolong the **QT interval**, leading to an irregular heart rhythm. Patients with heart disease or arrhythmias should be monitored during treatment.
- **Pregnancy and Breastfeeding:**
 - Artemether and Lumefantrine are generally considered safe during pregnancy, especially in the second and third trimesters. However, they should only be used during pregnancy if the benefits outweigh the risks. It is unknown if the drugs pass into breast milk, so consult a healthcare provider before breastfeeding.
- **Drug Interactions:**

- Artemether and Lumefantrine may interact with other medications, including **antiretrovirals, antifungals, and certain antibiotics.** Inform your healthcare provider about any other medications you are taking.

- **Resistance to Malaria Drugs:**

- In regions with known drug resistance, it's important to follow the prescribed regimen carefully to ensure full effectiveness.

Storage

- Store the medication at **room temperature** (15°C to 30°C).
- Keep in a **dry place**, away from moisture and direct sunlight.
- Keep out of reach of children.

Disclaimer

Artemether + Lumefantrine should be used under the guidance of a healthcare provider. It is important to complete the full course of therapy as prescribed to prevent relapse and resistance. For any concerns or side effects, contact your healthcare provider immediately.

Artemether (40 mg) + Lumefantrine (240 mg)
Tablet — Fast and Effective Malaria Treatment!

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,
Panchkula-134113

TM: Trademark Applied for