For The Use of A Registered Medical Practitioner or A Hospital or A Laboratory

Falcismart 80

Injection

℞ Artemether Injection

(Artemether 80 mg/ml injection)

For IM use only

Composition:

Each ml contains :
Artemether ..... 80 mg
Ethyl Oleate IP ..... q.s.

ACTIVE INGREDIENT: ARTEMETHER

PRESENTATION
Artemether 80mg/1ml ampoule. Clear glass ampoules containing Artemether 80mg in 1ml solution. Solution is pale yellow & sterile.

INDICATION
Artemether is indicated for the treatment of malaria caused by all forms of plasmodium including severe malaria caused by multiple drug strains of P. falciparum.

CONTRA INDICATION
Pregnancy, unless the doctor considers it essential as in the case of Cerebral malaria.

PRECAUTION
In Cerebral malaria and complicated malaria, general supporting therapy may be required.

SIDE EFFECTS
At the therapeutic dose (700mg) there are virtually no side effects. There are reports on laboratory abnormalities i.e, a decrease in reticulocytes count, an increase in transaminase and ECG changes (Sinus Bradycardia). However, these are transient. At high doses, transient abdominal pain, diarrhoea and tinnitus can occur.

PHARMACODYNAMICS
Artemether, and its derivatives act essentially as blood schizonticides. The presence of the endoperoxide bridge appears to be essential for anti malaria activity: generation of singlet oxygen and formation of free radicals, inhibition of protein synthesis as the basic mechanism of suggested in studies which showed morphological changes in ribosomes as well as in the endoplasmic reticulum.

PHARMACOKINETICS
Artemether, when injected through I.M route is rapidly absorbed reaching Cmax within 2-3 hours. It is metabolised in the liver to the demethylated derivative Dihydroartemisinin. The elimination is rapid, with a T% of 4 hours.

CONSERVATION
Artemether Injection should be protected from light and stored at room temperature. If stored for long periods in the cold, precipitation may occur which may clear on storage at room temperature. If not, the contents of the ampoule should be discarded.

Storage: Store below 25°C. Do not freeze. Protect from light.

DOSAGE AND ADMINISTRATION

	Day 1	Day 2	Day 3	Day 4	Day 5
Adults	**160mg (2 amps)**	**80mg (1 amp)**	**80mg (1 amp)**	**80mg (1 amp)**	**80mg (1 amp)**
Children	**3.2mg/kg body wt.**	**1.6mg/kg body wt.**	**1.6mg/kg body wt.**	**1.6mg/kg body wt.**	**1.6mg/kg body wt.**

PACKING

Falcismart 80 Injection
Artemether Injection
(Artemether 80mg/ 1ml)

1ml Ampoule, such 6 Ampoules in a tray along with leaflet packed in Carton.

Marketed by:

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Care & Cure with Research

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