

Kanaquine (Quinine)

Tablet and Injection

COMPOSITION :

Kanaquine Tablet : Each tablet contains Quinine Sulphate BP 300 mg.

Kanaquine Injection: Each 5 ml ampoule contains Quinine Dihydrochloride BP 300 mg.

MODE OF ACTION :

Quinine is believed to interfere with protein metabolism and inhibits nucleic acid synthesis in malarial parasites. Quinine is a highly active blood schizonticide and suppresses the asexual cycle of development of malaria parasites in the erythrocytes. It is effective both as a suppressive drug and in the over clinical attack of malaria.

INDICATIONS :

Uncomplicated, severe and complicated falciparum malaria, falciparum malaria resistant to other drugs, prevention of nocturnal muscle cramps, alleviation of muscle cramps in Thomsen's disease.

DOSAGE & ADMINISTRATION :

Adult-

Oral-600 mg (of quinine salt) every 8 hours for 7 days.

Parenteral-If the patient is seriously ill quinine should be given by intravenous infusion. The adult dosage regimen for quinine by infusion is loading dose of 20 mg/kg (up to maximum 1.4 g) of quinine salt infused over 4 hours then after 8-12 hours maintenance dose of 10 mg/kg (up to maximum 700 mg) of quinine salt infused over 4 hours every 8-12 hours (until patient can swallow tablets to complete the 7 days course).

Children-

Oral-Quinine is well tolerated by children. The dosage regimen for quinine by mouth for children is 10 mg/kg (of quinine salt) every 8 hours for 7 days.

Parenteral

The dosage regimen for quinine by intravenous infusion for children is calculated on a mg/kg basis as for adult.

Pregnancy-

The adult treatment doses of oral and intravenous quinine given above (including the loading dose) can safely be given to pregnant women.

SIDE EFFECT :

Cinchonism which includes tinnitus, headache, nausea and visual disturbances. Hematological disorders and skin reaction may occur.

CONTRAINDICATION :

Hypersensitivity reaction, optic neuritis, in case of black water fever etc.

USE IN PREGNANCY & LACTATION :

In pregnancy the quinine is not necessarily contraindicated. It is considered to be safe when used in therapeutic dosage in pregnancy. It is excreted in breast milk in insignificant amount which does not discard the use in lactation.

PRECAUTION :

Severe heart disease, myasthenia gravis, diabetes mellitus, IV injection should be given slowly.

WARNING :

Use of Mefloquine with Quinine sulphate may increase the chance of side effects.

STORAGE :

Protect from light and moisture. Keep out of reach of children.

PACKING :

Kanaquine Tablet : Each box contains 10x10 tablets in blister pack.

Kanaquine Injection : Each box contains 2x5 ampoules for IV or IM use.

Manufactured by:



Globe Pharmaceuticals Ltd.

Noakhali, Bangladesh.