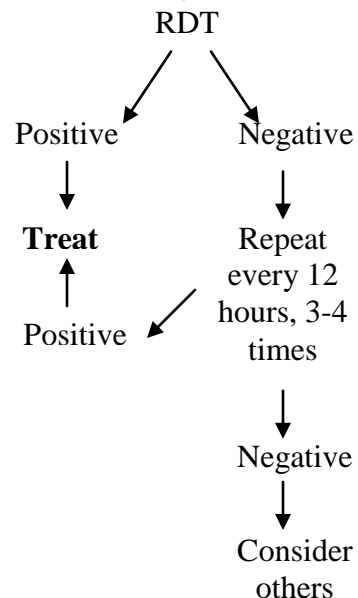


Diagnosis and Treatment of Malaria (NVBDCP Guidelines, 2013)

Diagnosis of Malaria

All cases of fever, head ache, vomiting, icterus etc., should be tested for malaria.

Peripheral blood smear examination is the gold standard test; if unavailable, do bivalent RDT



Treatment of Malaria

Only POSITIVE cases should be treated with recommended regimen; presumptive treatment should be avoided.

Treatment of *P. vivax* infections

Age in years	Dose of Chloroquine (as base) (Each 250 mg tablet contains 150 mg base and each 5 ml of suspension contains 50 mg base)				Dose of Primaquine OD For 14 days
	1 st dose (Tab)	2 nd dose (Tab)	3 rd dose (Tab)	4 th dose (Tab)	
0-1	75 mg (½)	37.5 mg (¼)	37.5 mg (¼)	37.5 mg (¼)	Nil
1-4	150 mg (1)	75 mg (½)	75 mg (½)	75 mg (½)	2.5 mg
5-8	300 mg (2)	150 mg (1)	150 mg (1)	150 mg (1)	5 mg
9-14	450 mg (3)	225 mg (1½)	225 mg (1½)	225 mg (1½)	10 mg
≥14	600 mg (4)	300 mg (2)	300 mg (2)	300 mg (2)	15 mg

Treatment of uncomplicated *P. falciparum* infections

Age	Dose of Artesunate (mg) once a day for 3 days (No of 50mg Tab.)	Dose of SP (mg) as single dose on Day 1 (No of 500/25 tab.)	Dose of Primaquine as single dose on Day 2
<1	25 (½)	125/6.25 (¼)	0
1-4	50 (1)	500/25 (1)	7.5mg
5-8	100 (2)	750/37.5 (1½)	15mg
9-14	150 (3)	1000/50 (2)	22.5mg
≥15	200 (4)	1500/75 (3)	30mg

For NE states, artemether+lumefantrine is advised instead of ASP; Mixed infections of *P. falciparum* and *P. vivax* should be treated with ASP as above plus Primaquine for 14 days as for *P. vivax*

Treatment of Severe *P. falciparum* infections

Drug	Initial dose (at least 48hrs)	Follow-up
Artesunate	2.4mg/kg IV stat, after 12hrs, 24hrs and then once daily	Full course of Artesunate+SP
Artemether	3.2 mg/kg IM stat, then 1.6 mg/kg per day	Full course of Artemether+Lumefantrine
Quinine	20mg/kg IV infusion stat, then 10mg/kg 8 hourly iv/im, then orally for total 7 days	Doxycycline 100mg OD or Clindamycin 10mg/kg BD for seven days

Primaquine and doxycycline are contraindicated in pregnancy; Clindamycin for pregnant women and children <8 years