

Table 4: Drug Efficacy (starting from 2003)

S.No.	Antimalarial Medicine (first second line treatment)	Year	Site(area)		Dose	Duration of follow-up(14-28 days)	Lost to follow up and excluded patients	Patients available for analysis	ACPR	LTF(LCF+ LPF)	ETF	PCR corrected	Source
			State	PHC/District									
1	Chloroquine	2003	Andhra Pradesh	Visakhapatnam	25mg/K BW	28 Days	5	30	26(86.7)	4(13.3)	0(0%)	Not Done	NVBDCP
2	Chloroquine	2004	Andhra Pradesh	Vizianagaram	25mg/K BW	28 Days	13	40	35(87.5%)	4 (10.0%)	1 (2.5%)	Not Done	NVBDCP
3	Chloroquine	2004	Andhra Pradesh	Vizianagaram	25mg/K BW	28 Days	7	31	22(71.0%)	7 (22.5%)	2 (6.5%)	Not Done	NVBDCP
4	Chloroquine	2006	Andhra Pradesh	East Godavari	25mg/K BW	28 Days	5	45	41(91.1%)	4 (8.9%)	0	Not Done	NVBDCP
5	Chloroquine	2006	Andhra Pradesh	East Godavari	25mg/K BW	28 Days	2	18	17(94.4%)	1(5.6%)	0	Not Done	NVBDCP
6	Chloroquine	2006	Andhra Pradesh	Vishakhapatnam	25mg/K BW	28 Days	18	61	58(95.1)	3(4.9)	0	Not Done	NVBDCP
7	Chloroquine	2007	Andhra Pradesh	Srikakulam	25mg/K BW	28 Days		30	30(100)	0	0	Not Done	NVBDCP
8	Chloroquine	2007	Andhra Pradesh	East Godavari	25mg/K BW	28 Days		37	36(97.3)	1(2.7)	0	Not Done	NVBDCP
9	Chloroquine	2007	Andhra Pradesh	Vizianagaram	25mg/K BW	28 Days		33	60	1(1.7)	55(91.7)	Not Done	NVBDCP
10	Chloroquine	2005	Assam	Sonitpur	25mg/K BW	28 Days	1	32	20 (62.5)	8(25)	4(12.5)	Not Done	NVBDCP
11	Chloroquine	2005	Assam	Nagaon	25mg/K BW	28 Days	6	34	23 (67.6)	7(20.6)	4(11.8)	Not Done	NVBDCP
12	Chloroquine	2005	Assam	Tinsukia	25mg/K BW	28 Days		31	11 (35.5)	19 (61.3)	1 (3.2)	Not Done	NVBDCP
13	Chloroquine	2006	Assam	North Lakhimpur	25mg/K BW	28 Days		33	17(51.5%)	14(42.4%)	2(6.0%)	Not Done	NVBDCP
14	Chloroquine	2007	Assam	West Garo Hills	25mg/K BW	28 Days		32	27(84.3%)	5(15.6%)	0	Not Done	NVBDCP
15	Chloroquine	2007	Assam	Nawgong	25mg/K BW	28 Days		60	46(76.7%)	13(21.6%)	1(1.6%)	Not Done	NVBDCP
16	Chloroquine	2003	Chhatisgarh	Kanker	25mg/K BW	28 Days	0	16	12(75%)	0	4(25%)	Not Done	NVBDCP
17	Chloroquine	2004	Chhatisgarh	Korba	25mg/K BW	28 Days	0	32	20(62.5%)	12 (37.5%)	0	Not Done	NVBDCP
18	Chloroquine	2005	Chhatisgarh	Raipur	25mg/K BW	28 Days		23	22(95.7)	1(4.3)	0	Not Done	NVBDCP
19	Chloroquine	2005	Chhatisgarh	Ambikapur	25mg/K BW	28 Days		35	20(57.1)	12(34.3)	3(8.6)	Not Done	NVBDCP
20	Chloroquine	2006	Chhatisgarh	/Raigarh	25mg/K BW	28 Days	4	68	0	24(35.2%)	44(64.7%)	Not Done	NVBDCP
21	Chloroquine	2007	Chhatisgarh	Korba	25mg/K BW	28 Days		51	27(53)	21(41.1)	3(5.9)	Not Done	NVBDCP
22	Chloroquine	2007	Chhatisgarh	Korea	25mg/K BW	28 Days		55	49(89.1)	6(10.9)	0	Not Done	NVBDCP
23	Chloroquine	2007	Goa	North Goa	25mg/K BW	28 Days		54	25(46.3%)	18(33.3%)	11(20.4%)	Not Done	NVBDCP
24	Chloroquine	2003	Gujarat	Kutchh	25mg/K BW	28 Days	0	64	42(65.6%)	7(11%)	15(23.4%)	Not Done	NVBDCP
25	Chloroquine	2004	Gujarat	Anand	25mg/K BW	28 Days	0	40	8 (20.0%)	17 (42.5%)	15 (37.5%)	Not Done	NVBDCP
26	Chloroquine	2004	Gujarat	Dahod	25mg/K BW	28 Days	0	37	12(32.4%)	11 (29.8%)	14 (37.8%)	Not Done	NVBDCP
27	Chloroquine	2005	Gujarat	Patan	25mg/K BW	28 Days		31	9(29)	15(48.4)	7(22.6)	Not Done	NVBDCP

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28	Chloroquine	2006	Gujarat	Surat	25mg/K BW	28 Days		51	28(54.9%)	14(27.5%)	9(17.6%)	Not Done	NVBDCP
29	Chloroquine	2003	Jharkhand	Gumla	25mg/K BW	28 Days	0	35	22 (62.9%)	2 (5.7%)	11 (31.4%)	Not Done	NVBDCP
30	Chloroquine	2003	Jharkhand	Gumla	25mg/K BW	28 Days	22	19	14(73.7%)	2(10.5%)	3(15.8%)	Not Done	NVBDCP
31	Chloroquine	2004	Jharkhand	Gumla	25mg/K BW	28 Days	0	33	15 (45.5)	16 (48.4%)	2 (6.1%)	Not Done	NVBDCP
32	Chloroquine	2003	Jharkhand	West Singhbhum	25mg/K BW	28 Days	0	36	32(88.8%)	2(5.6%)	2(5.6%)	Not Done	NVBDCP
33	Chloroquine	2004	Jharkhand	Ranchi	25mg/K BW	28 Days	0	38	33 (86.8%)	2 (5.3%)	3 (7.9%)	Not Done	NVBDCP
34	Chloroquine	2007	Jharkhand	Saraikela	25mg/K BW	28 Days		57	2(3.5)	26(45.6)	29(50.9)	Not Done	NVBDCP
35	Chloroquine	2001	Karnataka	Raichur	25mg/K BW	28 Days		23	13(56.5%)	4(17.4%)	6 (26.1%)	Not Done	NVBDCP
36	Chloroquine	2003	Karnataka	Raichur	25mg/K BW	28 Days	0	50	31(62%)	14(28%)	5(10%)	Not Done	NVBDCP
37	Chloroquine	2003	Karnataka	Raichur	25mg/K BW	28 Days	6	45	36(80%)	8(17.8)	1(2.2%)	Not Done	NVBDCP
38	Chloroquine	2004	Karnataka	Raichur	25mg/K BW	28 Days	1	51	47(92.2%)	4 (7.8%)	0	Not Done	NVBDCP
39	Chloroquine	2005	Karnataka	Raichur	25mg/K BW	28 Days	1	53	44(83.0)	5(9.4)	4(7.6)	Not Done	NVBDCP
40	Chloroquine	2005	Karnataka	Raichur	25mg/K BW	28 Days	1	62	9 (14.5)	43 (69.4)	10 (16.1)	Not Done	NVBDCP
41	Chloroquine	2006	Karnataka	Raichur	25mg/K BW	28 Days	1	50	45(90%)	0	5(10%)	Not Done	NVBDCP
42	Chloroquine	2006	Karnataka	Raichur	25mg/K BW	28 Days		57	31(54.4%)	20(35.1%)	6(10.5%)	Not Done	NVBDCP
43	Chloroquine	2003	Karnataka	Mandya	25mg/K BW	28 Days	2	45	13(28.9%)	27(60%)	5(11.1%)	Not Done	NVBDCP
44	Chloroquine	2003	Karnataka	Bellary	25mg/K BW	28 Days	10	41	12 (29.3%)	27 (65.8%)	2 (4.9%)	Not Done	NVBDCP
45	Chloroquine	2004	Karnataka	Gulbarga	25mg/K BW	28 Days	2	50	40 (80%)	7 (14%)	3 (6.0%)	Not Done	NVBDCP
46	Chloroquine	2005	Karnataka	Gulbarga	25mg/K BW	28 Days		52	42(80.8)	5(9.6)	5(9.6)	Not Done	NVBDCP
47	Chloroquine	2002	Karnataka	Bagalkot	25mg/K BW	28 Days		16	16 (100%)	0 (0%)	0 (0%)	Not Done	NVBDCP
48	Chloroquine	2004	Karnataka	Bagalkot	25mg/K BW	28 Days	2	26	12(46.2%)	14(53.8%)	0	Not Done	NVBDCP
49	Chloroquine	2005	Karnataka	Bagalkot	25mg/K BW	28 Days		55	42(76.3)	9(16.4)	4(7.3)	Not Done	NVBDCP
50	Chloroquine	2005	Karnataka	Bagalkot	25mg/K BW	28 Days		21	17 (80.95)	4 (19.05)	0	Not Done	NVBDCP
50	Chloroquine	2005	Karnataka	Bagalkot	25mg/K BW	28 Days		50	46 (92)	3(6.0)	1(2.0)	Not Done	NVBDCP
52	Chloroquine	2004	Karnataka	Tumkur	25mg/K BW	28 Days	0	52	42 (80.7)	9 (17.3%)	1 (2.0%)	Not Done	NVBDCP
53	Chloroquine	2005	Karnataka	Kolar	25mg/K BW	28 Days		51	43(84.3)	6(11.8)	2(3.9)	Not Done	NVBDCP
54	Chloroquine	2005	Karnataka	Kolar	25mg/K BW	28 Days	1	33	26(78.8)	7(21.2)	0	Not Done	NVBDCP
55	Chloroquine	2006	Karnataka	Chitradurga	25mg/K BW	28 Days		51	9(17.6%)	41(80.4%)	1(2%)	Not Done	NVBDCP
56	Chloroquine	2005	Karnataka	D.Kannada	25mg/K BW	28 Days		72	24(33.3)	34(47.2)	14(19.5)	Not Done	NVBDCP

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57	Chloroquine	2006	Karnataka	Gadag	25mg/K BW	28 Days		50	20(40%)	28(56%)	2(4%)	Not Done	NVBDCP
58	Chloroquine	2006	Karnataka	Chemrajanagar	25mg/K BW	28 Days		53	37(69.8%)	14(26.4%)	2(3.7%)	Not Done	NVBDCP
59	Chloroquine	2004	Kerala	Trivandrum	25mg/K BW	28 Days	0	11	9(81.8%)	2(18.2%)	0	Not Done	NVBDCP
60	Chloroquine	2004	Madhya Pradesh	Mandla	25mg/K BW	28 Days		5	5(100%)	0	0	Not Done	NVBDCP
61	Chloroquine	2004	Madhya Pradesh	Jhabua	25mg/K BW	28 Days	2	30	21(70.0%)	3 (10.0%)	6 (20.0%)	Not Done	NVBDCP
62	Chloroquine	2004	Madhya Pradesh	Jhabua	25mg/K BW	28 Days		30	21(70%)	3(10%)	6(20%)	Not Done	NVBDCP
63	Chloroquine	2006	Madhya Pradesh	Shahdol	25mg/K BW	28 Days	1	30	17 (56.7)	7 (23.3)	6 (20.0)	Not Done	NVBDCP
64	Chloroquine	2007	Madhya Pradesh	/Betul	25mg/K BW	28 Days		10	9(90%)	1(10%)	0	Not Done	NVBDCP
65	Chloroquine	2007	Madhya Pradesh	Chhindwara	25mg/K BW	28 Days		32	21(65.6)	6(18.8)	5(15.6)	Not Done	NVBDCP
66	Chloroquine	2004	Maharashtra	Gadchiroli	25mg/K BW	28 Days	9	99	42(42.4%)	53 (53.6%)	4 (4.0%)	Not Done	NVBDCP
67	Chloroquine	2004	Maharashtra	Gadchiroli	25mg/K BW	28 Days	1	40	34 (85%)	6 (15%)	0	Not Done	NVBDCP
68	Chloroquine	2006	Meghalaya	West Garo Hills	25mg/K BW	28 Days		35	29(82.8)	1(2.8)	5(14.2)	Not Done	NVBDCP
69	Chloroquine	2003	Orissa	Kandhamal	25mg/K BW	28 Days	10	51	18(35.3%)	27(53%)	6(11.7%)	Not Done	NVBDCP
70	Chloroquine	2006	Orissa	Kandhamal	25mg/K BW	28 Days		40	2(5%)	9(22.5)	29(72.5%)	Not Done	NVBDCP
71	Chloroquine	2004	Orissa	Angul	25mg/K BW	28 Days	0	43	11(25.6%)	30 (69.7%)	2 (4.7%)	Not Done	NVBDCP
72	Chloroquine	2005	Orissa	Dhenkanal	25mg/K BW	28 Days	3	34	17(50)	16(47.1)	1(2.9)	Not Done	NVBDCP
73	Chloroquine	2005	Orissa	Deogarh	25mg/K BW	28 Days	1	35	18(51.4)	15(42.9)	2(5.7)	Not Done	NVBDCP
74	Chloroquine	2006	Orissa	Keonjhar	25mg/K BW	28 Days	4	38	21(55.2)	11 (28.9%)	6 (5.8)	Not Done	NVBDCP
75	Chloroquine	2006	Orissa	Bolangir	25mg/K BW	28 Days	1	33	25(75.8%)	3 (9.0%)	5(15.2%)	Not Done	NVBDCP
76	Chloroquine	2005	Orissa	Kalahandi	25mg/K BW	28 Days		50	3(6)	39(78)	8(16)	Not Done	NVBDCP
77	Chloroquine	2006	Orissa	Boudh	25mg/K BW	28 Days		44	0	16(36.3)	28(63.7)	Not Done	NVBDCP
78	Chloroquine	2006	Orissa	Nuapada	25mg/K BW	28 Days	2	22	14(63.6)	2(9.0)	6(27.3)	Not Done	NVBDCP
79	Chloroquine	2007	Orissa	Mayurbhanj	25mg/K BW	28 Days		38	22(57.9)	13(34.2)	3(7.8)	Not Done	NVBDCP
80	Chloroquine	2007	Orissa	Nauapada	25mg/K BW	28 Days		37	33(89.1%)	1(2.7%)	3(8.1%)	Not Done	NVBDCP
81	Chloroquine	2007	Orissa	Kalahandi	25mg/K BW	28 Days	2	32	24(75%)	4(12.5%)	4(12.5%)	Not Done	NVBDCP
82	Chloroquine	2007	Orissa	Koraput	25mg/K BW	28 Days		40	30(75%)	9(22.5%)	1(2.5%)	Not Done	NVBDCP
83	Chloroquine	2007	Orissa	Boudh	25mg/K BW	28 Days	6	36	27(75%)	8(22.2%)	1(2.8%)	Not Done	NVBDCP
84	Chloroquine	2007	Orissa	Sambalpur	25mg/K BW	28 Days	2	34	23(67.6%)	10(29.5%)	1(2.9%)	Not Done	NVBDCP
85	Chloroquine	2007	Orissa	Gajapati	25mg/K BW	28 Days		48	21(43.8)	21(43.7)	6(12.5)	Not Done	NVBDCP

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86	Chloroquine	2003	Rajasthan	Dungarpur	25mg/K BW	28 Days	0	47	21(44.7%)	22(46.8%)	4(8.5%)	Not Done	NVBDCP
87	Chloroquine	2005	Rajasthan	Banswara	25mg/K BW	28 Days	5	37	12(32.4)	20(54.1)	5(13.5)	Not Done	NVBDCP
88	Chloroquine	2004	Tripura	South Tripura	25mg/K BW	28 Days	7	31	16(51.6%)	10(32.2%)	5(16.2%)	Not Done	NVBDCP
89	Chloroquine	2007	Tripura	Dhallai	25mg/K BW	28 Days		38	11(30)	14(36.8)	13(34.2)	Not Done	NVBDCP
90	Chloroquine	2004	Uttar Pradesh	Sonbhadra	25mg/K BW	28 Days	0	30	30 (100%)	0	0	Not Done	NVBDCP
91	Chloroquine	2007	Uttar Pradesh	Bulandsahar	25mg/K BW	28 Days		35	28(80)	5(14.3)	2(5.7)	Not Done	NVBDCP
92	Chloroquine	2007	Uttar Pradesh	Mirzapur	25mg/K BW	28 Days	1	34	29(85.3)	2(5.9)	3(8.8)	Not Done	NVBDCP
93	Chloroquine	2001	West Bengal	Purulia	25mg/K BW	28 Days		45	36 (80%)	6 (13.3%)	3 (6.7%)	Not Done	NVBDCP
94	Chloroquine	2004	West Bengal	Purulia	25mg/K BW	28 Days	1	46	12(26.1%)	29 (63.0%)	5 (10.9%)	Not Done	NVBDCP
95	Chloroquine	2005	West Bengal	Purulia	25mg/K BW	28 Days		40	10(25)	19(47.5)	11(27.5)	Not Done	NVBDCP
96	Chloroquine	2005	West Bengal	Purulia	25mg/K BW	28 Days		6	6(100)	0	0	Not Done	NVBDCP
97	Chloroquine	2003	West Bengal	Jalpaiguri	25mg/K BW	28 Days	6	35	5(14.3%)	24(68.6%)	6(17.1%)	Not Done	NVBDCP
98	Chloroquine	2004	West Bengal	Bankura	25mg/K BW	28 Days	3	31	16(51.6%)	11(35.5%)	4(12.9%)	Not Done	NVBDCP
99	Chloroquine	2005	West Bengal	Darjeeling	25mg/K BW	28 Days		49	16(32.7)	25(51.0)	8(16.3)	Not Done	NVBDCP
100	Chloroquine	2007	Dadra Nagar Haveli	UT Dadra&NH	25mg/K BW	28 Days		54	47(87)	4(7.4)	3(5.6)	Not Done	NVBDCP