8363 Patients screened

1873 Patients with microscopically confirmed *Plasmodium falciparum* malaria

439 Excluded
95 Refused consent
344 Did not meet Inclusion criteria

1434 Randomized
202 in Ejeda
273 in Miandrivazo
139 in Tsiroanomandidy
102 in Andapa
248 in Ihosy
222 in Maevatanana
161 in Moramanga
87 in Farafangana

320 Randomized to Receive Chloroquine
385 Randomized to receive Amodiaquine
383 Randomized to receive Sulfadoxine/Pyrimethamine
346 Randomized to receive Artesunate/Amodiaquine

309 Evaluable
10 Lost to follow-up
1 Withdrawn

300 Evaluable
6 Lost to follow-up
3 Withdrawn

300 Included in primary analysis At Day 28
50 in Ejeda
58 in Ihosy
66 in Miandrivazo
52 in Maevatanana
38 in Tsiroanomandidy
36 in Moramanga
0 in Andapa
0 in Farafangana

356 Evaluable
13 Lost to follow-up
4 Withdrawn

356 Included in primary analysis At Day 28
48 in Ejeda
53 in Ihosy
66 in Miandrivazo
53 in Maevatanana
39 in Tsiroanomandidy
36 in Moramanga
32 in Andapa
29 in Farafangana

361 Evaluable
1 Lost to follow-up
6 Withdrawn

361 Included in primary analysis At Day 28
50 in Ejeda
59 in Ihosy
64 in Miandrivazo
51 in Maevatanana
40 in Tsiroanomandidy
38 in Moramanga
29 in Andapa
30 in Farafangana

330 Evaluable
5 Lost to follow-up
0 Withdrawn

330 Included in primary analysis At Day 28
50 in Ejeda
57 in Ihosy
65 in Miandrivazo
50 in Maevatanana
0 in Tsiroanomandidy
38 in Moramanga
41 in Andapa
29 in Farafangana