Enrollment

Total Children screened
N=526
after screening with rapid diagnostic tests

Excluded (N=228), not meeting study criteria
Slide negative (n=29)
Parasitaemia <2000/µL (n=154)
or >200 000/µL (n=3)

Excluded-continued
Presence of non-P.f. parasites (n=24)
Severe anemia (n=10)
Vomiting medication twice (n=8)

Total Enrolled
Randomised
298 Cases

Allocation

Allocated to AS+AQ
N=101
Secondary exclusion (n=1)
wrong treatment allocation

Allocated to AS+SP
N=91

Allocated Coartem
N=106

Follow-up

Lost to follow-up (n=3)
Family movement

Lost to follow-up (n=5)
Family movement, team evacuation
Withdrawal (n=1)

Lost to follow-up (n=3)
Family movement, team evacuation
Withdrawal (n=3)
Self-treated with antimalarial

Reached endpoint Day 28
N=97

Reached endpoint Day 28
N=85

Reached endpoint Day 28
N=100

Analysis

First analyses without PCR results

PCR analysis
31 recurrent parasitemia's

missing PCR
7 samples missing
6 indeterminate

Recrudescences
N=1

Final analysis
N=67

First analyses without PCR results

PCR analysis
21 recurrent parasitemia's

missing PCR
2 samples missing
3 indeterminate

Reinfections
N=17
Excluded from final analyses

Final analysis
N=71

First analyses without PCR results

PCR analysis
13 recurrent parasitemia's

missing PCR
6 samples missing
3 indeterminate

Recrudescences
N=0

Reinfections
N=4

Final analysis
N=87