1 993 children between 6 and 59 months screened

368 children with a body weight > 5kg, fever or history of fever and confirmed malaria

68 excluded
- infection due to non-falciparum species (8)
- parasite density < 2 000 ou > 200 000 (54)
- severe anemia (1), severe malaria (2)
- severe malnutrition (1)
- distance > 2h from hospital (2)

307 children eligibles

Refusal of parents (6)

301 children randomly allocated

156 children in the ASAQ group

Lost to follow-up (n=15)
Protocol deviations (n=7)

134 children in D28 analysis

Lost to follow-up (n=3)

131 children in D42 analysis

145 children in the AL group

Lost to follow-up (n=11)
Protocol deviations (n=7)

127 children in D28 analysis

Lost to follow-up (n=2)

125 children in D42 analysis

Figure 2