

Additional File 1 Literature Review Search Strategy

Databases	1. Medline 2. Embase 3. Global Health
Key/Search Terms	malaria or antimalarial* or anti-malarial* combination adj1(therap* or treat* or drug* or medic*) Sulfadoxine-pyrimethamine or Sulfadoxine/pyrimethamine or SP or fansidar or Sulfadoxine-pyrimethamine plus Chloroquine or Sulfadoxine-pyrimethamine/Chloroquine or CQ+SP or Sulfadoxine-pyrimethamine plus amodiaquine or Sulfadoxine-pyrimethamine/amodiaquine or AQ+SP Sulfadoxine-pyrimethamine plus mefloquine or Sulfadoxine-pyrimethamine/mefloquine or SP+MQ or Fansimef Quinine and tetracycline or quinine/doxycycline or quinine/clindamycin Azithromycin-Chloroquine or azithromycin+Chloroquine or Azithromycin and Chloroquine or AZ+CQ artemisinin or artemisinin-based adj3(therap* or treat* or medic* or drug*) amodiaquine-artesunate or amodiaquine+Artesunate or ASAQ or AQAS or Winthrop or coarsucam Artesunate-mefloquine or artesunate/mefloquine or ASMQ or Artequin AL or artemether-lumefantrine or artemether/lumefantrine or coartem or artemether or lumefantrine Sulfadoxine-pyrimethamine plus artesunate or Sulfadoxine-pyrimethamine/artesunate or AS+MQ or Sulfadoxine-pyrimethamine and artesunate dihydroartemisinin-piperaquine or DHAPQ or dihydroartemisinin/piperaquine or <i>Duo-Cotecxin</i> or <i>Artekin</i> chlorproguanil-dapsone-artesunate or CDA or CD+A or lapdap or Artesunate/SP or artesunate-pyronaridine

	azithromycin-artesunate or azithromycin + Artesunate or AZ+AS or azithromycin and Artesunate or azithromycin/artesunate adherence or compliance or use* or effectiveness adj2(treat* or medic* or patient or therap* or drug*)
Limits	
Date	1990-
Language	English
Types of People/population	Humans of all ages
Location	All regions
Type of publication	Peer reviewed article
Inclusion/Exclusion Criteria	
Types of Studies	Not specified
Types of intervention	1) Treatment of malaria with ACTs
Exclusion Criteria	1) No severe disease 2) Preventative/Chemoprophylaxis 3) Efficacy study 4) Pharm kinetics or other laboratory studies 5) Non <i>falciparum</i> malaria 6) Non-ACT studies 7) Other diseases 8) Reviews/commentaries 9) Other malaria related interventions
Type of outcome measures	• Proportion that are adherent/non-adherent
Secondary Information	• Definitions of adherence • Measurement of adherence • Factors/Determinants of adherence
Other areas of interest	• Impact of non-adherence • Reasons for non-adherence
When search conducted	November 2012 Updated April 2013