

Malaria Treatment (RESTRICTED) [5492]

[CDC Algorithm for Diagnosis and Treatment of Malaria in the United States](#)

[CDC Malaria in the United States Treatment Tables](#)

URL:

"https://www.cdc.gov/malaria/resources/pdf/Malaria_Management_Algorithm.pdf"

URL:

"https://www.cdc.gov/malaria/resources/pdf/Malaria_Treatment_Table.pdf"

Malaria Treatment

Medications and Labs (Single Response)

() Severe Malaria – Patient unable to tolerate oral therapy

[] Medications (Single Response)

- () artesunate IV 2.4 mg/kg, intravenous, every 12 hours, For 3 Doses
 -Administer via IV bolus slowly over 1 to 2 minutes.
 -Administer within 1.5 hours of reconstitution.
 -Must call pharmacy to prepare dose when ready for administration; dose must be administered immediately following receipt
 RESTRICTED to Infectious Diseases (ID) specialists. Are you an ID specialist or ordering on behalf of one?
 Patient has a positive malaria smear:
 Criteria for Use:

() artemether-lumefantrine (COARTEM) tablet **"Followed by" Linked Panel**

[] Day 1 4 tablet, oral, every 8 hours, For 2 Doses

[] Day 2 and 3 4 tablet, oral, 2 times daily, For 4 Doses

[] Blood parasite, thin smear AM draw repeats For 2 Occurrences, Blood

[] Glucose-6-phosphate dehydrogenase level Once

() Uncomplicated Malaria/Severe Malaria – Patient able to tolerate oral therapy

[] Medications (Single Response)

() Empiric Therapy **"Followed by" Linked Panel**

[] Day 1 4 tablet, oral, every 8 hours, For 2 Doses

[] Day 2 and 3 4 tablet, oral, 2 times daily, For 4 Doses

() Targeted Therapy (Single Response)

Organism	Primary Therapy	Alternative Therapy
P. vivax acquired in area with chloroquine resistance	Artemether-lumefantrine (Coartem) PLUS Primaquine phosphate	Atovaquone-proguanil (Malarone) PLUS Primaquine phosphate
P. ovale or P. vivax acquired in area without chloroquine resistance	Hydroxychloroquine (Plaquenil) PLUS Primaquine phosphate	-
P. malariae or P. knowlesi*	Hydroxychloroquine (Plaquenil)	-
P. falciparum acquired in area with no chloroquine resistance	Hydroxychloroquine (Plaquenil)	-
P. falciparum acquired in area with chloroquine OR mefloquine resistance	Artemether-lumefantrine (Coartem)	Atovaquone-proguanil (Malarone)
Pregnant women – Chloroquine resistant	Artemether-lumefantrine (Coartem) if 2nd and 3rd trimesters	Quinine sulfate PLUS Clindamycin if 1 st trimester
Pregnant women – Chloroquine sensitive	Hydroxychloroquine (Plaquenil) [#]	-

*: Drug options for chloroquine-resistant P. falciparum may be used.

#: If P. vivax or P.ovale, administer Chloroquine 500 mg salt (300 mg base) weekly until delivery, then consider anti-relapse treatment with either primaquine (Therapy is contraindicated during pregnancy)

<input type="checkbox"/> artemether-lumefantrine (COARTEM)		"Followed by" Linked Panel
<input type="checkbox"/> Day 1	4 tablet, oral, every 8 hours, For 2 Doses	
<input type="checkbox"/> Day 2 and 3	4 tablet, oral, 2 times daily, For 4 Doses	
<input type="checkbox"/> artemether-lumefantrine PLUS primaquine		"Followed by" Linked Panel
<input type="checkbox"/> artemether-lumefantrine (COARTEM) - Day 1	4 tablet, oral, every 8 hours, For 2 Doses	
<input type="checkbox"/> artemether-lumefantrine (COARTEM) - Day 2 and 3	4 tablet, oral, 2 times daily, For 4 Doses	
<input type="checkbox"/> primaquine tablet	30 mg, oral, daily Start date must be delayed until artemether-lumefantrine (COARTEM) complete	
<input type="checkbox"/> atovaquone-proguanil (MALARONE) 250-100 mg per tablet		4 tablet, oral, daily
<input type="checkbox"/> atovaquone-proguanil PLUS primaquine		"Followed by" Linked Panel
<input type="checkbox"/> atovaquone-proguanil (MALARONE) 250-100 mg per tablet 4 tablet	4 tablet, oral, daily	
<input type="checkbox"/> primaquine tablet	30 mg, oral, daily Start date must be delayed until artemether-lumefantrine (COARTEM) complete	
<input type="checkbox"/> hydroxychloroquine (PLAQUENIL) tablet		"Followed by" Linked Panel
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	800 mg, oral, once, For 1 Doses Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+6 Hours, For 1 Doses Dose #2 Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+24 Hours, For 1 Doses Dose #3 Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+48 Hours, For 1 Doses Dose #4 Are you treating COVID-19?	
<input type="checkbox"/> hydroxychloroquine PLUS primaquine		"Followed by" Linked Panel
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	800 mg, oral, once, For 1 Doses Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+6 Hours, For 1 Doses Dose #2 Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+24 Hours, For 1 Doses Dose #3 Are you treating COVID-19?	
<input type="checkbox"/> hydrOXYchloroQUINE (PLAQUENIL) tablet	400 mg, oral, once, Starting H+48 Hours, For 1 Doses Dose #4 Are you treating COVID-19?	
<input type="checkbox"/> primaquine tablet	30 mg, oral, daily Start date must be delayed until hydroxychloroquine complete	
<input type="checkbox"/> quinine sulfate PLUS clindamycin		
<input type="checkbox"/> quiNINE (QUALAQUIN) capsule	648 mg, oral, 3 times daily	
<input type="checkbox"/> clindamycin (CLEOCIN) capsule	20 mg/kg/day, oral, 3 times daily Reason for Therapy: Other Specify: malaria	
<input type="checkbox"/> Blood parasite, thin smear	AM draw repeats For 2 Days, Blood	
<input type="checkbox"/> Glucose-6-phosphate dehydrogenase level	Once	