

Louth: Antimicrobial Guidelines - Louth Hospitals: Antimicrobial Guidelines: Paediatrics - Uncomplicated Malaria

Infection	
Paediatrics - Uncomplicated Malaria: Plasmodium falciparum or species not identified	
Empiric Antimicrobial Treatment	
1st Line:	
Artemether-Lumefantrine PO (Riamet®) - dose as per BNF for Children, dose given at 0h, 8h, 24h, 36h, 48h and 60h	
N.B. Please note the timing of Riamet® doses relates to time from time zero – see worked example below:	
• First dose = Time Zero E.g. 18.00 on 12/8/19 • Next dose due at 8 hours from time zero = 02.00 on 13/8/19 • Next dose due at 24 hours from time zero = 18.00 on 13/8/19 • Next dose due at 36 hours from time zero = 06.00 on 14/8/19 • Next dose due at 48 hours from time zero = 18.00 on 14/8/19 • Next dose due at 60 hours from time zero = 06.00 on 15/8/19 • It will take 60 hours total (2.5 days) for administration of full course.	
N.B. Contact Pharmacy Department prior to discharge to ensure continuity of supply as Riamet® is not readily available in the community.	
2nd Line:	
Atovaquone-Proguanil PO (Malarone / Malarone Paed ®) for 3 days	
Comments	
Consideration must be given to admit patient for a minimum of 24 hours.	
All confirmed or suspected cases must be discussed with Infectious Diseases/Microbiology before discharge.	
• Riamet®: Take with fat containing food or whole milk. • Malarone®: Take with food or whole milk.	
Infection	
Paediatrics - Uncomplicated Malaria: Plasmodium malariae or knowlesi	
Acquired in any region	
Empiric Antimicrobial Treatment	
Chloroquine phosphate PO for 3 days	
Comments	
All confirmed or suspected cases must be discussed with Infectious Diseases/Microbiology before discharge .	
Infection	
Paediatrics - Uncomplicated Malaria: Plasmodium vivax or Plasmodium ovale	
Empiric Antimicrobial Treatment	
If acquired in any region except Papua New Guinea or Indonesia :	
Chloroquine Phosphate PO for 3 days	
Followed by	
Primaquine Phosphate* PO for 14 days	
Plasmodium vivax acquired in Papua New Guinea or Indonesia (chloroquine-resistant) :	
1st Line:	
Artemether-Lumefantrine PO (Riamet®) - dose as per BNF for Children, dose given at 0h, 8h, 24h, 36h, 48h and 60h (total course given over 60 hours = 2.5 days)	
N.B. Please note the timing of Riamet® doses relates to time from time zero – see worked example below:	
• First Dose = Time Zero E.g. 18.00 on 12/8/19 • Next dose due at 8 hours from time zero = 02.00 on 13/8/19 • Next dose due at 24 hours from time zero = 18.00 on 13/8/19 • Next dose due at 36 hours from time zero = 06.00 on 14/8/19 • Next dose due at 48 hours from time zero = 18.00 on 14/8/19 • Next dose due at 60 hours from time zero = 06.00 on 15/8/19	
N.B. Contact Pharmacy Department prior to discharge to ensure continuity of supply as Riamet® is not readily available in the community	
Followed by	
Primaquine Phosphate* PO for 14 days	
2nd Line:	
Atovaquone-Proguanil PO for 3 days	
PLUS	
Primaquine Phosphate* PO for 14 days	
Comments	
*Screen for G6PD deficiency before starting primaquine - primaquine is given to eradicate parasites in the liver and thus prevent relapse, it can be started in the follow-up OPD appointment once result of G6PD deficiency screen available: • Primaquine may cause haemolytic anaemia in G6PD deficiency . • May be used in mild-to-moderate G6PD deficiency, refer BNFc for dose modification. • Avoid primaquine in patients with severe G6PD deficiency. • Seek advice on primaquine use in patients < 6 months old.	
All confirmed or suspected cases must be discussed with Infectious Diseases/Microbiology before discharge.	
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