STATE OF NEW HAMPSHIRE

DEPARTMENT OF HEALTH AND HUMAN SERVICES

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NH DIVISION OF Public Health Services
Improving health, preventing disease, reducing costs for all

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NH Division of Public Health Services (DPHS): Treatment Recommendations for Tick-borne Diseases
Infectious Disease Society of America Guidelines

Disease	Treatment Regimens for Adults	Treatment Regimens for Children
Lyme disease	Oral options: Doxycycline 100 mg PO bid	Doxycycline 2 mg/kg PO bid (max 100 mg/dose) **only if 8 years and older**
	Alternative:Amoxicillin 500 mg PO tid	Amoxicillin 50 mg/kg/d in 3 divided doses (max 500 mg/dose)
	Alternative:Cefuroxime axetil 500 mg PO bid	Cefuroxime axetil 30 mg/kg/d in 2 divided doses (max 500 mg/dose)
	Parenteral options: Ceftriaxone 2g IV qd	Ceftriaxone 50-75 mg/kgIV qd (max 2g) – preferred
	Alternative: Cefotaxime 2g IV q8h	Cefotaxime 150-200 mg/kg/d IV in 3-4 divided doses (max 6g/d)
	Alternative: Penicillin G 3-4 MU IV q4h	Penicillin G 200-400K U/kg/d divided every 4h (max 18-24MU/d)
	Choice of regimen, route and length of treatment for Lyme depends on symptoms and stage of disease	
Anaplasmosis	Doxycycline 100 mg PO bid for 10 days Alternatives: <u>Severe OR coinfected with Lyme:</u> Amoxicllin / cefuroxime axetil (dose as above for Lyme disease) <u>No coinfection and mild disease:</u> Rifampin 300 mg PO bid for 7-10 days	**8 years and older:** Doxycycline 2 mg/kg PO bid for 10 days (max dose 100mg) **Under 8 years old:** <u>Severe disease:</u> Doxycycline (dose as above) for 4-5 days then complete a 14 days course with Amoxicillin OR Cefuroxime axetil (doses as above) <u>Mild disease:</u> Rifampin 10 mg/kg PO bid (max 300 mg/dose) for 7-10 days
Babesiosis	Atovaquone 750 mg PO bid + Azithromycin 500-1000 mg on day 1 then 250 mg PO qd <u>Severe disease:</u> Clindamycin 300-600 mg IV q6h (or 600 mg PO q8h) + Quinine 650 mg PO q 6-8h. Consider exchange transfusion.	Atovaquone 20 mg/kg PO bid (max 750 mg/ dose) + azithromycin 10 mg/kg/d on day 1 (max 500 mg/d) then 5 mg/kg/d (max 250 mg/d) <u>Severe disease:</u> Clindamycin 7-10 mg/kg q6-8h PO or IV (max 600 mg/dose) +quinine 8 mg/kg PO q8h (max 650 mg/dose). Consider exchange transfusion.