



# Recruiting Dogs with *Babesia gibsoni*

**NC State College of Veterinary Medicine is enrolling dogs with *Babesia gibsoni* in a trial to evaluate if the use of a new drug combination (atovaquone/proguanil hydrochloride, azithromycin, and artemisinin) can improve treatment outcome.**

## ***Purpose:***

- A new treatment regimen using atovaquone/proguanil hydrochloride, azithromycin, and an artemisinin derivative has recently been shown to improve treatment outcomes in *Babesia gibsoni* infected dogs
- Advantages of this protocol included once a day administration, decreased cost, and the potential to help overcome resistance due to inclusion of artemisinin and proguanil hydrochloride

## ***Participation:***

- All dogs will receive 10 doses of artemisinin, atovaquone/proguanil hydrochloride, and azithromycin over a 10 day period
- Your dog will be evaluated by your primary care veterinarian or at NCSU up to 6 times over a four month period for physical examinations and/or laboratory testing

## ***Study Benefits:***

- **FREE** treatment of *Babesia gibsoni* with artemisinin, atovaquone/proguanil hydrochloride, and azithromycin (approximate value \$80)
- **FREE** physical examinations and laboratory testing (approximate value \$1500)
- **FREE** 6 month supply of flea and tick prevention (approximate value \$155)

## ***Inclusion Criteria:***

- Must be diagnosed with *Babesia gibsoni* by PCR at NC State Vector Borne Disease Lab
- Must not have received treatment for *Babesia gibsoni* within 90 days of enrolling in the trial
- Must not require hospitalization or blood transfusions for the treatment of *Babesia gibsoni*
- Must weigh at least 3 kg (6.6lbs) and be over one year of age

**For more information, please contact:**

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