

MAF D21CA-083 Evaluating 3-Day Antibiotic Treatment for Urinary Tract Infections

Study Status Active

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Grant amount awarded \$43,459

DCAF Grant \$5,000

3/2021

Grant recipient Tufts University

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SUMMARY: Researchers will conduct a clinical trial to see if three days of the antibiotic amoxicillin is as effective as seven days for the treatment of urinary tract infections in dogs.

DESCRIPTION: Urinary tract infections (UTIs) are one of the most common reasons antibiotics are prescribed in dogs. Current antibiotic guidelines recommend treating UTIs in dogs for seven days as is done in women with UTIs. However, little data supports the effectiveness of this practice in clearing infections in dogs. Researchers will conduct a randomized, placebo-controlled trial to test if three days of the antibiotic amoxicillin is as effective as seven days for the treatment of UTIs in dogs. Results will help ensure veterinarians are using antibiotics appropriately in UTI patients. If the three-day treatment proves effective, it also will help in the fight against the growing problem antibiotic resistance, a threat to both animal and human health.