

**Abstract:**

**Outpatient Use of First Generation Cephalosporins for the Empiric Treatment of Uncomplicated UTI**

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**Background:**

Community-acquired UTI is one of the most commonly diagnosed disease process by primary care physicians. It is estimated that 60% of women and 12% of men will have a urinary tract infection at some point in their lives (Urology Care Foundation). The Delnor antibiogram suggests that first-generation cephalosporins are appropriate as first-line empiric treatment for urinary tract infections for patients in our community. Nevertheless, therapeutic decisions are made on a case-by-case basis and depend heavily on the clinical scenario. My research set out to determine whether patients treated empirically with 1st generation cephalosporins have significant differences in success rates than patients treated with other antimicrobials.

**Methods:**

We analyzed the charts of all patients who were treated empirically for uncomplicated UTI at Northwestern Delnor Family Medicine Residency Clinic. We compared treatment success rates for patients treated with 1st generation cephalosporins vs with any other antibiotic. We then looked specifically at the patient who failed treatment with 1st generation cephalosporins to see what their outcomes were.

**Results/Conclusions:**

In Progress