**Statistical Design Consulting**

**SEMESTER REPORT**

**Spring 2025**

**Client:** Sharon Erdman  **File Number:** 25-055

**Department:** Pharmacy **Major Prof:**

**Consultant:** Sumeeth Guda I**nitial Meeting Date:** No meeting

**Meeting Attendees:** N/A

**Statement of Problem:** Is AUC-guided vancomycin dosing non-inferior to trough-guided dosing in terms of acieving therapeutic concentrations and efficacy

**Goal of This Project:** Journal Article

**Background:**

The client is a professor in the Pharmacy department who is researching how well vancomycin works when dosing is based on trough levels versus when it's based on AUC levels in patients with MRSA bloodstream infections.

**Progress During Current Semester:**

The IM meeting was scheduled, but the client got her statistical help from one of her colleagues, hence no IM meeting was held. But she might come back to the SCS during a later semester for analysis of her data.

**Current Status: Hold**