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PHARMACIST CONTROLLED DOSING AND MONITORING OF VANCOMYCIN (A1), Jonathan Hashimoto, San Joaquin General Hospital, French Camp, CA, ([jhashimoto@sjgh.org](mailto:jhashimoto@sjgh.org)), IRB approved.

Vancomycin continues to be the main antibiotic used for broad spectrum coverage of gram positive bacteria, especially MRSA, at San Joaquin General Hospital (SJGH). Pharmacist controlled dosing protocols have been implemented in many hospitals around the nation with great success. The objective of this project was to develop and implement a protocol for pharmacist controlled vancomycin dosing and monitoring at SJGH, and to compare it with physician controlled dosing in terms of appropriateness of dose, serum concentrations achieved and cost of therapy. A six month retrospective chart review was performed which included all adult patients who received two or more doses of IV vancomycin prior to initiation of the protocol. The appropriateness of physician controlled dosing was assessed based on weight, renal function and reported therapeutic levels. Once the protocol was implemented, a licensed pharmacist managed all adult vancomycin therapy until treatment was discontinued by the prescriber. The protocol allowed the pharmacist to make any necessary dose or interval changes as well as order any pertinent labs for the duration of therapy. Final results will be presented and discussed.