Reviewer's report

Title: Inadequate vancomycin therapy in term and preterm neonates: a retrospective analysis of trough serum concentrations in relation to minimal inhibitory concentrations

Version: 2 Date: 10 April 2014

Reviewer: Deanne Wilson-Costello

Reviewer's report:

This is an outstanding article which is extremely important to clinical practice. This manuscript is well written and of great interest to many types of pediatricians. It has a large number of patients and a very low lost to follow up rate.

Major compulsory revisions: none

Minor Essential Revisions: The discussion should include a statement that vancomycin use prior to 7 days of life is not typical. This is important to point out, especially since there are very few treated patients prior to 7 days.

Minor Discretionary Revisions: If the authors have data on length of hospital stay or rates of neonatal morbidities, it would be nice to determine whether infants with subtherapeutic levels actually had worsened outcomes.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.