Reviewer's report

Title: Genetic variants of the vitamin K dependent coagulation system and intraventricular hemorrhage in preterm infants

Version: 2 Date: 13 April 2014

Reviewer: Kelli Ryckman

Reviewer's report:

This is a well written article examining the association between two functional variants (VKORC1 -1639G>A and F7-323 ins10) on the coagulation profile and development of IVH in early preterm infants (<32 weeks).

Major Compulsory Revisions:
1. In paragraph 1 of the discussion care is needed when comparing your lack of finding between FII levels and IVH risk to your previously published data. While I recognize the validity of the arguments you make regarding study design and population, you should also comment on your power to detect the effects. Your previous study had 132 infants, compared to 90 infants in this study. Lack of power could be the reason you are not detecting the effect, power calculations should be included in the text.
2. Limitations of the study should be clearly stated.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.