Reviewer's report

Title: Screening for hypoglycemia at the bedside in the neonatal intensive care unit (NICU) with the Abbott PCx glucose meter

Version: 1 Date: 27 April 2006

Reviewer: Satish Kalhan

Reviewer's report:

General

-----------------------------------------------------------------------------------------------------------------------------------

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached) They should analyze the data in the lower range of glucose i.e. less than 4 or 5mM since that is where the problems with the diagnosis of hypoglycemia arise and the weighted effect of concordence at high values will become less significant

I also have concern about ROC calculated cut oiffs since it will convey a wrong message and create a value for standard of care

-----------------------------------------------------------------------------------------------------------------------------------

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct) Describe the tables and figures better. Remove extraneous data from the tables

-----------------------------------------------------------------------------------------------------------------------------------

Discretionary Revisions (which the author can choose to ignore)

What next?: Reject because too small an advance to publish

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes

Declaration of competing interests:

'I declare that I have no competing interests'