Reviewer’s report

Title: PREVALENCE, OUTCOMES AND ASSOCIATED FACTORS OF LABOR INDUCTION AMONG WOMEN DELIVERED AT PUBLIC HOSPITALS OF MEKELLE TOWN – A HOSPITAL BASED CROSS SECTIONAL STUDY.

Version: 0 Date: 14 Aug 2018

Reviewer: Urania Magriples

Reviewer's report:

Major editing of the grammar and English is required prior to publication. Many words are unnecessarily capitalized and incomplete sentences and fragmented paragraphs are found making the transcript difficult to read.

The authors studies induction after 28 weeks. The indications and success rates of preterm induction as well as outcomes are likely to be very different from term induction therefore it is not valid to analyze them together. The authors included IUFD and anomalous infants in their cohort. It is unlikely that these patients would be offered a C/S (for the lethal anomalies - i.e. anencephaly n=5) or for an IUFD therefore their data cannot be included. The outcomes of IUFD/lethal anomalies as well as the lower C/S can not be used in the analysis. In Table 2 there are 32 fetuses who were IUFD before induction in Table 6 there are 2 IUFD and 344 not. In Table 7 it is 31 IUFD. The neonatal outcome denominator needs to be of the liveborn infants. Also comparing neonatal outcomes of term and preterm infants is not valid as NICU and complications related to prematurity will be higher in the preterm group and not necessarily related to mode of delivery or induction.

There is no information on prior scarred uterus (were they included in the cohort?) that would also impact the outcome.

I would recommend looking at induction of term live infants and maybe useful comparative data will be obtained.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess
Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Unable to assess

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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