Chlamydia trachomatis infection in early neonatal period

Review

Abstract:
- Nice and simple overview.
- There are minor grammar issues. “Mothers of five infants had negative chlamydial EIA s at 20 weeks of gestation.” There needs to be an apostrophe after the “s” in mothers, or change to something like, “The mothers of the five infants…”
- There needs to be a period at the end of the Conclusions section.

Background:
- Just enough to get a general sense of the disease being dealt with.
- A bit more on neonatal clinical symptoms would be appreciated such as BPD. It is not mentioned until the Conclusions section. It seems to be a point of interest.

Methods:
- Are these “streaky shadows” indicative of a C. trachomatis? If so would you mind citing?
- Would it be possible to include the X-rays showing the resulting pneumonia?
- When were the swabs from the mothers obtained? “During pregnancy” is a rather large window. 20 weeks is mentioned later on, but may be beneficial to add here.
- EIA? EIA tests are also used in equine medicine (for Equine Infectious Anemia Virus). Would you mind defining the acronym before using it for those not familiar with the method?

Results:
- “For all of the infants, one or more infectious agent was identified.” What were these other infectious agents?
  - From the Conclusions: “Time of onset of respiratory tract symptoms of five infants in the present study was within 2 weeks after birth.” Could this be due to the other infectious agents found, or something unrelated? I see that C. trachomatis was present, but it would be beneficial to rule other agents out.
- “There were more female.” There was more acute symptoms in the female subjects? I apologize, but this wording is a bit odd.

Conclusions:
- Please keep the names of the sections specific Conclusions/Discussions
- “We evaluated the significance of detection of serum antibodies to C. trachomatis by ELISA at different time of pregnancy for early diagnosis of perinatal complications. [13]” You stated that EIA was used, it would be beneficial to maintain the same name for the method used throughout the paper
- “The incidence of perinatal complications was significantly higher in IgG and IgA antibodies-positive pregnant women at 30 weeks of gestational age.” I assume you meant IgM as it was stated that is what was found via the EIA? Otherwise where is the evidence? It’s not in the chart or other data.
- C. trachomatis[1,15,16] has been studied in the context of the development of bronchopulmonary dysplasia (BPD.)” Slight grammar issue. The period should be after the parenthesis.
• “Some serological variants of C. trachomatis may have different pathogenicity or drug sensitivity from classic serotypes.” That is understandable, but please cite where you got this information. The original paragraph has no citations whatsoever, and it would benefit from that.
• “Approaches to prevention and treatment of chlamydial infections in pregnant women and infants seem to be necessary, including new antimicrobial interventions and the development of a vaccine strategy.” Thank you for including what needs to be done to help curb infections.

Overall suggestion: Please revise, and resubmit.