Reviewer's report

Title: Outcomes when Congenital Heart Disease is diagnosed antenatally versus postnatally in the UK: a retrospective population-based study

Version: 1 Date: 26 February 2015

Reviewer: Kenya Kusunose

Reviewer's report:

Authors assessed the very rare cases in the UK to explore the effect of antenatal diagnosis on congenital heart disease mortality and long term morbidity. They note that the antenatal diagnosis is favourable for the risk of need for postnatal intubation.

The strength of the paper is that it provides important information of the role of antenatal diagnosis in the clinical setting. The results are of interest and acceptable.

There are a few minor issues.

1) In abstract, line 19.
   "a large but non-significant increase" is misleading. Just a non-significant.

2) In Background, line 16.
   Please remove the limitation of retrospective study in previous literature. Your study is also one retrospective study.

3) If you have follow-up period data, you can use a method of survival analysis by Cox proportional hazards model. Odds ratio is not suitable for the survival analysis.

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.