Author’s response to reviews

Title: Acute Tubulointerstitial Nephritis in Children– a Retrospective Case Series in a UK Tertiary Paediatric Centre

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Please find detailed below our responses to the reviewers’ comments.

Editor Comments:

1. Please modify ‘streptococcal case’ in abstract and text to 'case/child with streptococcal disease'
   a. “streptococcal case” has been replaced with “child with streptococcal disease in both the abstract and the text

2. Suggest including information in line 121-127 in Table 1. Please expand the legend for Table 1
   a. We have expanded Table 1 to include have included the CRP/ESR/RBP as we have a median and range for these parameters. We have kept urine dipstick, urine microscopy and culture, and virology in the text.

3. In the discussion section, line 208 remove/modify statement regarding medication related TIN. As you have not presented any data regarding drug induced TIN (who did not undergo biopsy but improved) - it is difficult to see how discontinuation of medication alone will reverse a significant drug related TIN like process.
   a. Line 208-2011 has been removed
4. Please combine data in Table 2 and 3 together and expand legend and provide footnotes to any abbreviations used in table/figures.

a. We have combined tables 2 and 3 and provided footnotes to abbreviations

5. Table 4 could be offered as online supplementary appendix or removed – I am not sure they add to the content of the manuscript. If included, please reference/describe this in the text of the results section. I suspect the authors have chosen to show these data separately to histological the findings.

a. We have removed table 4

6. In current Table 5, please remove CRP/ESR from investigation for trend monitoring – these may be of limited value before biopsy, but once a renal biopsy has been performed are very non-specific markers of clinical relevance.

a. We have removed CRP/ESR from table 5

7. Currently both figures are showing the same data as eGFR is derived from Creatinine. Please remove Figure 2 and show median and interquartile range of creatinine at baseline, 1, 6 and last follow up (or something similar) for included children in a new Figure 1.

a. We have removed figure 2 and have created a box and whisker plot to show the median and interquartile range of creatinine at baseline, 1 month, 6 month and latest follow up in new figure 1.