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ANSWERING REVIEWERS

25-07-2016

Jasper J. Jöbsis

Tergooi

Rijksstraatweg 1

1261 AN Blaricum

The Netherlands

Jin-Xin Kong,

Science Editor, Editorial Office

Baishideng Publishing Group Inc

Dear mister Jin-Xin Kong,

Thank you for your careful and critical editing of our manuscript entitled "Acute Kidney Injury Following Spinal Instrumentation Surgery in Children".

We would like to thank the independent reviewers for their critical appraisal of our manuscript.

I would like to respond to your comments and those brought forward by the independent reviewers.

Reviewers comments

Independent reviewer #00503339

Considering the relatively low incidence of severe acute kidney injury experienced in the study cohort analyzed, this first report fo a potentially life destructive complication of an



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unavoidable pediatric surgical procedure is good news! It does not appear that any modification in either surgical methodology or supportive medications administered is needed. It would be fascinating, though probably a great "bother" to obtain a "five years later" serum creatinine in the survivors of acute kidney injury to affirm that their renal integrity was sustained and the "transient renal injury" did not impart a smouldering risk of subsequent kidney damage.

Response:

Dear sir/madam, thank you for your comment and critical appraisal of our manuscript. We agree that obtaining a 'five years later' serum creatinine would be fascinating. We will take this in consideration in our next research meeting.

Independent reviewer #00503279

This is an interesting study which is well done and with new findings. I think it will be interesting to get more data about renal function after 3-5 years to have an idea about the impact of AKI on the long term renal prognosis. Also other prospective studies could be of great value.

Response:

Thank you for your time and effort in reviewing our manuscript. We agree that more data on long term renal prognosis are much needed.

Independent reviewer # 00503292

The article J?bsis JJ et al. AKI following pediatric spinal surgery is well written. I have no major queries except to state that the small numbers of participants in each group makes it difficult to draw firm conclusions from the study



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Response:

Dear sir/madam, thank you for your time and critical review of our manuscript, it is highly appreciated. We agree on your comment about the small number of participants in the subgroups.

Independent reviewer #00503272

1. Abstract and under Aim, please define what AKI means. 2. Abstract and under Methods, what is PICU in line 5? 3. Abstract and under Results, what is NSAIDs in line 10? 4. Authors should show consistency in the units; in some pages they used ml to represent fluid volume while in others, they used cc for fluid volume. The latter is to be found on page 10, paragraph 2, line 5 ; page 14, paragraph 2, line 14 ; and page 15, paragraph 1, line 1. 5. Definition of the tertiles namely Fluid tertile 1: < 5.4 ml/kg/hour; Fluid tertile 2: 5.4 - 7.9 ml/kg/hour and Fluid tertile 3: > 7.9 ml/kg/hour should appear within the Figures using text boxes as keys. 6. Legend to tables 1, 2, and 3 are not necessary. Please delete all leaving only the Table titles.

Response:

Dear sir/madam, we highly appreciate your knowledgeable review of our manuscript. We have incorporated all the suggestions that you made. Thank you again for your time.

Yours sincerely,

Jasper J. Jöbsis