Reviewer's report

Title: Influenza Vaccination among children with Idiopathic Nephrotic Syndrome: an investigation of practices

Version: 0 Date: 14 Nov 2018

Reviewer: Paloma Parvex

Reviewer's report:

The authors report compliance to influenza vaccination recommendation in children with nephrotic syndrome (NS) and compare the risk of relapse in vaccinated and non vaccinated children.

This paper highlight the lack of information and the mistrust toward vaccination explaining the low rate of vaccinated NS children. In addition the authors showed the safety of influenza vaccine. Even if there were less relapses events in the vaccinated group the protective effect for relapse compared to non-vaccinated children was not significant.

The article is well written and well referenced. In additional the Supplemental Table 2 with the review of literature is very interesting.

Methods

1. My understanding is that the diagnosis of Flu was done by phone according to presented symptoms and not by PCR? What is the probability that this children present another viral infection rather than flu?

2. The relapse was defined by 3+++ for 3 days. In clinical practice, we sometimes wait a few days after a viral infection to treat the relapse. Did all this children with these criteria were treated for relapse?

Results

1. Among the 43 non vaccinated children, 7% presented an influenza -like syndrome. No PCR was done at that time?

2. The authors considered "the relapse events" during the 6-month of the flu season period. The rate of relapse in children who did not present a flu (even if it was not significant) was increased in pts who did not receive the vaccine (11/40). Did authors think that the
vaccination may be protective? and non-vaccinated children are more at risk of relapse during this flu-season even if they do not have flu? May authors comment this point?

3. Figure 1: The chart with the description of inclusion (arrows): I do not understand the difference between 0 Flu and 14 no Flu in the 14 vaccinated children

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

Yes

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

Yes

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

Yes

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I am able to assess the statistics

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