Reviewer’s report

Title: Invasive pulmonary aspergillosis in immunocompetent patients hospitalised with influenza A-related pneumonia: a multicenter retrospective study

Version: 0 Date: 26 Apr 2020

Reviewer: Nikolai Klimko

Reviewer's report:

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1. The study included 693 adults and adolescents over 14 yo. This association of adults and adolescents is incomprehensible. Invasive aspergillosis was detected in patients predominantly older (median age - 67 years). In the discussion, the authors compare their data with the results of studies that included only adults (Schauwvlieghe et al, Lancet Respir Med, 2018). It would be better to include only adult patients in the study.

2. The study did not include patients who were immunocompromised prior to influenza. In this case, the authors use their own rather than generally accepted EORCT/MSGERC criteria for immunocompromised patients (Donnelly et al., CID, 2019). It would be better to use EORCT/MSGERC criteria for immunocompromised patients.

3. The authors indicated that EORCT/MSGERC definitions for the diagnosis of invasive aspergillosis in immunocompromised patients are not suitable for this study. The authors use a combination of two different definitions: clinical and CT criteria from the modified definition of invasive pulmonary aspergillosis, Schauwvlieghe et al, 2018) and EORCT/MSGERC mycological criteria. It would be better to use only The modified definition of invasive pulmonary aspergillosis (Schauwvlieghe et al, 2018).

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

No

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

No

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

No
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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