Reviewer’s report

Title: Usefulness of core needle biopsy for the diagnosis of thyroid Burkitt's lymphoma: a case report and review of the literature

Version: 1 Date: 04 Sep 2018

Reviewer: Dong Eun Song

Reviewer's report:

This case report well presents the usefulness of core needle biopsy for the prompt diagnosis of a rare and aggressive thyroid Burkitt's lymphoma.

I recommend several points to improve the quality of this article.

1. Specify the kind of biopsy performed to 70(M) patient reported by Allaoui M et al (20) in Table 1.

   You described 7 out of 23 patients were diagnosed by core needle biopsy, and I guess this patient were counted to be diagnosed by core needle biopsy.

2. In the discussion, FNA was performed in 11 patients (47%), but I can find only 6 patients in Table 1.

   If the FNA data is not correct in Table 1, the data for FNA should be corrected.

3. The initial FNA of this patient did not provide a definite diagnosis for malignant lymphoma.

   If there are reported cases of thyroid Burkitt's lymphoma diagnosed by the initial core needle biopsy without FNA among references (20), (21), and (22), you can emphasize possible these patients in the discussion.

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

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.

Not relevant to this manuscript

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

Needs some language corrections before being published

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