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Dear Sir,

We must thank you and all other reviewers for the critical feedback. We feel lucky that our manuscript went to these reviewers as the valuable comments from them not only helped us with the improvement of our manuscript, but suggested some neat ideas for future studies. Please do forward our heartfelt thanks to these experts.

Based on the comments we received, careful modifications have been made to the manuscript. All changes were marked in red in the paper. In addition, we also have a native English speaker double-checked the English for the revised version. We hope the new manuscript will meet your magazine's standard. Below you will find our point-by-point responses to the reviewers' comments:

## **1 Details of our submission**

**Journal title:** World Journal of Clinical Cases

**Manuscript NO:** 50555

**Title:** Diffuse large B-cell lymphoma arising from follicular lymphoma with warthin tumor of the parotid gland: immunophenotypic and genetic features

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## **2 Peer-review report**

Reviewer #2: The authors describe a case with DLBCL arising from follicular lymphoma in Warthin tumor of the parotid gland. Not only malignant transformation of Warthin tumor is rare, but also lymphoma is less common than lymphoma in malignant Warthin tumor. Although immunohistochemistry in detail as well as chromosomal rearrangements analysis make this report better than ordinary case reports, there are still problems and questions to be solved.

(1) I would like to see areas of Warthin tumor, DLBCL and FL in the tumor at lower magnification, so that we can understand rates of three components at a glance.

**Answer:** We add a figure of overall view in the lower magnification (digital slides) which displays the areas of Warthin tumor, DLBCL and FL ([Fig. 1A](#)).

(2) Which cells had bcl-6 rearrangement, DLBCL or FL?

**Answer:** After observation of FISH detection section, we found the neoplasm cells of DLBCL had bcl-6 rearrangement.

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(3) Magnification of panel D of figure 1 is so low that we can't see the lymphoepithelial lesion.

Answer: We changed panel D of figure 1 as E and F which displayed the lymphoepithelial lesion in lower and higher magnification (Fig. 1 E, F).

(4) Did the patient die 6 months after resection?

Answer: For the health of patient was too poor to tolerate any medicine, he did not receive any treatment and died 6 months after resection.

Reviewer #1: This paper is a case report of conversion from follicular lymphoma (FL) to DLBCL in warthin tumor. It is well written and I think it is considered worthy of publication. Please add and revise the following two points.

1) FL mostly develops in the lymph nodes and is generally positive for CD10 and IgH/BCL2 by FISH analysis. However, such as in this patient, there are cases in which extra-lymph node onset occur, or both CD10 and IgH/BCL2 are negative, and this patient is further converted to DLBCL. Discussion should be added from the viewpoint of FL for readers who do not specialize in blood disease.

Answer: Although CD10+ and IgH/BCL2 positive in FL which occurred in lymph nodes, CD10+ was found in only 1 case of FL which was occurred in WT, according to the published papers. IgH/BCL2 positive in FL with WT was retrieved in only 2 cases. We added the relative contents of FL in the discussion which was marked with green color.

2) Despite EBV-DNA was detected, I cannot understand the result was negative in tumor cells. How was the EBV viral status, such as EBV-VCA-IgG, EBV-EBNA, or viral quantification in this patient? We would like the author to describe the relationship between this disease condition and EBV more clearly.

Answer: In our case, we detected EpsteinBarr virus (EBV) DNA by EBV-encoded RNA chromogenic in situ hybridization and the tumor cells was negative. At the same time, we also detected the EBV-EBNA expression by IHC method and the result was negative in neoplasm cells (the results were not showed). So we think that the tumor cells were negative for EBV, the relationship between malignant lymphomas and EBV infection was unclear for the few cases were detected.