

Dear editor

We are very grateful for your suggestions about our submission, and we revised the manuscript following the reviewer's comments.

We make a point-by-point response to the reviewer's comments as follows. The revised content is highlighted in the text directly.

Reviewer 05078266

Question 1: If authors used liquid biopsy for T790M, need to show the result in the manuscript.

Answer: *EGFR* T790M was tested with NGS using tissue biopsy. He didn't receive liquid biopsy previously. In response to this comment, we will not make any changes.

Question 2 : Authors need to add sentence about no evidence of adenosquamous carcinoma or cancers with a mixture of other components, not only in the discussion but also in case presentation.

Answer: Pathological examination of initial and re-biopsy revealed that no other components were found. We had elaborated that this was a pure SCC in section of discussion. So we add the information at section of FINAL DIAGNOSIS with red.

Question 3: Authors need to show the PFS of adenocarcinoma, too.

Answer: Thanks for your advice. Based on results of several large clinical studies, the PFS of *EGFR*-positive lung adenocarcinoma is about 9.7 to 13.1 months. We add this in the section of INTRODUCTION and mark it with red.

Question 4: Authors showed overall survival was 29 months, indicating *EGFR* signalling pathways may be identical in this case ? Authros need to clear this point in the discussion.

Answer: Overall survival benefited from all the treatments, so we don't consider it related to *EGFR* signaling. Actually only PFS of *EGFR*-TKI can indicate the signaling pathway. The PFS of first line TKI for this case is about 8 months, less than that of adenocarcinoma. Therefore we consider the *EGFR* signaling may be different for adenocarcinoma or squamous lung cancer. We illustrated that in the DISCUSSION.

editor's comments

Answer: we have readjusted the frame of case presentation as editor required.

Other changes

- 1、Corresponding email : zhangyan915@gmx.com was changed to zhang.yan@gmx.com (I have two emails, one is zhangyan915@gmail.com, the other one is zhang.yan@gmx.com, I'm sorry that I mistook and used the wrong email of zhangyan915@gmx.com. I contacted with editor about that previously, but I still haven't received any letter in the mailbox of zhang.yan@gmx.com).
- 2、**Foundation:** Delete the National Natural Science Foundation of China(No. 81302027).

Thanks for your time and kind consideration!

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Heng Xu, Yong-Sheng Wang, You Lu,