

**Reviewer's code: 03397272**

(1) To shorten it, please exclude "Personal and family history", "Physical examination" "imaging examination" you already mentioned it and "laboratory examination" separately. You can write that tumour was ALK positive, when you describe the biopsy, just add ALK positivity on page 4.

Response: We have modified in CASE PRESENTATION accordingly.

**Reviewer's code: 06107350**

(1) How long was diammonium glycyrrhizinate administered? Was there a corresponding response in decrease of liver enzymes or other AE? During the 14 month treatment with alectinib, was there continued treatment for liver enzyme elevation or other liver defects?

Response: The patient received hepatoprotective therapy with diammonium glycyrrhizinate at a dose of 150 mg tid for two weeks, then serum liver enzymes became normal. Asymptomatic elevation of liver enzymes or other liver defects was not found during following treatment.

(2) Are there any other genotypic profiles for the patients that are referenced in Table 1? Any information about how the AE were handled?

Response: Among cases referenced in Table 1, only patient reported by Zhang et al. was assessed by next-generation sequencing. The genotypic profile for this patient is EML4-ALK (E6:A20). Concerning AE, Zhang et al. reported only grade 1 constipation was observed during the neoadjuvant treatment, and Hu et al. reported only grade 1 constipation and grade 1 erythema (located on the upper extremities) were observed during the neoadjuvant therapy. But they both did not provide any information about how the AE were handled.

(3) Please change the color of the red arrows in Figure 1 to make the image clearer. It is difficult to see any change in the lymph node images in Figure 1 from the time of the transitions from A to D.

Response: We have replaced higher quality images for Figure 1, and change the color of the red arrows.

(4) Consider relabeling Figure 2 “Mediastinal” with “Mediastinum” Please add some colored arrows to accentuate the changes between A and B in Figure 2

Response: We have modified accordingly.