Reviewer’s report

Title: Posterior Mediastinal Ganglioneuroma with Peripheral Replacement by White and Brown Adipocytes: One case report

Version: 1 Date: 8 June 2014

Reviewer: Wei WL Li

Which of the following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

Has the case been reported coherently?: No

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: No

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This case report is a rare tumor of fat-containing ganglioneuroma which is a second report documented in the Pub-Med literatures. This case report showed a white and brown fat-containing posterior mediastinal ganglioneuroma, which has malignant-like imaging features which showed enhanced FDG uptake in PET CT scan. It is worth to report with diagnostic value and will provide reference to clinical practice.

1. English is imperfect with many grammar mistakes.
2. In order to better understand the radiological images of this tumor, in Fig 1A&B, 3 phases of contrast enhanced CT and MR scan should be shown.
3. Since the tumor was resected, then the information from the biopsy tissue were not necessary. Fig 2A &B don’t needed.
4. MRI and CT scan should be better discussed, PET-CT may be not a best method for checking this kind of tumor because of “fause positive” imaging.

5. Conclusion should be rewritten, the authors should summarized the typical features of fat-containing ganglioneuroma, what are the best methods/specific methods for the diagnosis of fat-containing ganglioneuroma should be given.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

**Declaration of competing interests:**

I declare that I have no competing interests