Reviewer's report

Title: Neuroendocrine carcinoma of the seminal vesicles presenting with Lambert Eaton syndrom: a case report

Version: 1 Date: 13 May 2009

Reviewer: Athina Tsili

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 is the first report of a very interesting case of a seminal vesicle carcinoma (SVC), clinically presented with Lambert Eaton syndrome. However, there are serious flaws in the methodology of this paper, and I can only suggest publication after major revisions.

-More specifically, the histologic diagnosis of a SVC is difficult after biopsy. Radical surgery is necessary, and it was not performed in this patient (why?). How was the right seminal vesicle confirmed as the site of origin of malignancy? The authors did not report the absence of any other primary tumor in this patient, based on imaging findings. Was the epicenter of the neoplasm on the right seminal vesicle, on the CT examination?

-The authors should report the CT findings in detail and provide the relevant
figures. Which were the dimensions of the mass at diagnosis? What was the CT density of the tumor on unenhanced and contrast-enhanced scanning? What was the pattern of enhancement of the neoplasm? Was the mass involved exclusively the right seminal vesicle? What was the relationship of the neoplasm with the adjacent organs (prostate, urinary bladder)? Define which pelvic lymph nodes were neoplastically infiltrated?

- Was the diagnosis of a primary SVC based on the imaging findings possible in this case? What was the differential diagnosis?

- The authors should include a paragraph regarding the usefulness of cross-sectional imaging (mainly CT and MRI) in the detection, localization and characterization of masses involving the seminal vesicles.


- References
  5. 255-267.

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

**Declaration of competing interests:**

'I declare that I have no competing interests' below.