Reviewer’s report

Title: Metachronous extraskeletal (soft tissue) epithelioid osteogenic sarcoma: A rare case report

Version: 0 Date: 24 Feb 2019

Reviewer: Sachin Gandhi

Reviewer's report:

1. Do you believe the case report is authentic?

Yes

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.

Comments:

No ethical concerns. Written informed consent obtained from patient.

3. Does the Introduction explain the relevance of the case to the medical literature?

Yes. Consider elaborating on the diagnosis, prognosis, and treatment of osteosarcoma in the background section. Also it is helpful to quantify incidence and prevalence of osteosarcoma, metachronous osteosarcoma, and extraskeletal sarcoma.

4. Does the article report the following information? Where information is missing, please specify.

a. The relevant patient information, including:

- De-identified demographic information (age, gender, ethnicity)
- Main symptoms of the patient
- Medical, family and psychosocial history
- Relevant past interventions and their outcomes
b. The relevant physical examination findings

c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at \( T = 0 \), follow up at \( T = 1 \) month.

d. Diagnostic assessments, including:
   - Diagnostic methods
   - Challenges (e.g., financial, language/cultural)
   - Reasoning and prognostic characteristics (e.g., staging), where applicable

e. Types and mechanism of intervention

f. A summary of the clinical course of all follow-up visits

Comments:

a) Include patient demographics, past medical history.

b,c,d,e,f are well covered.

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

Comments:

Yes

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes
7. Is the Abstract representative of the case presented?

Comments:

Yes

8. Does the case represent a useful contribution to the medical literature?

Comments:

Metachronous and extraskeletal osteosarcoma are both rare entities, it is interesting to see them both present simultaneously.

9. Additional comments for the author(s)?

- Listing of Amstutz classification of osteogenic sarcoma within the manuscript is unnecessary, unless it has been contributed to or modified by the authors.

- What was the histology of the original osteosarcoma and how does it compare to the recent lesion?

- Further elaborate on the treatment used in the original lesion, if available. Was there a possibility of treatment failure despite negative PET scan?

Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published
Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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Were you mentored through this peer review?

No