Reviewer’s report

Title: Unusual pathological fracture of the clavicle revealing primary hyperparathyroidism: a case report

Version: 0 Date: 21 Aug 2017

Reviewer: Vishnu Garla

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: None

3. Does the Introduction explain the relevance of the case to the medical literature?
No

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: No

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

Comments: No

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:

Yes

9. Additional comments for the author(s)?

Please add references to the introduction section.

Please avoid using long sentences.

What do you mean by "explorations in nuclear medicine in particular bone and parathyroid scinitigraphy."

Case presentation:

Please improve the language and avoid grammatical errors.

The case presentation needs to be more organized. History followed by exam followed by investigations.

Please mention the role of scinitigraphy more clearly.

Any long term follow up did the fractures heal well?

What were the labs hypercalcemia????

Discussion

Very superficial.

Suggest making a table of all the skeletal anomalies sec to hyperparathyroidism.

Literature review for similar cases.

The manuscript has extensive grammatical mistakes, long and unclear sentences. Please correct.

**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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3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

None

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