Reviewer’s report

Title: Isolated unilateral adrenal gland hemorrhage following motor vehicle collision. A case report and literature review.

Version: 0 Date: 07 Sep 2017

Reviewer: Jeffrey Simpson

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

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

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
The article contains relevant patient information to help the reader understand the case being presented. It does not appear to require any additional information.

b. The relevant physical examination findings.

Yes

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.

The timeline does not lead to patient identification.

d. Diagnostic assessments, including:

- Diagnostic methods: yes
- Challenges (e.g., financial, language/cultural): none
- Reasoning and prognostic characteristics (e.g., staging): N/A

e. Types and mechanism of intervention. Yes

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

Comments:

This was an interesting article regarding an extremely rare isolated injury due to blunt trauma. Often times, unilateral adrenal hemorrhage is associated with multiple other injuries and quickly falls to the bottom of our patient's problem list. It seems that this rare case has emerged as a result of our advanced imaging technology and we will no doubt be faced with this entity again as time moves on. The author's publication presents unilateral adrenal hemorrhage in blunt trauma in isolation in a very clear and concise manner. The article is very easy to read and does not try to be anything that it is not. The pictures associated with the article are relevant and easy to interpret. It is interesting to see how the author's institution handled this patient. It made me consider what I would do with this patient if I were the attending physician for this patient. Since no other recommendations exist and similar cases are rare, the authors care plan cannot be criticized. In my opinion, it is acceptable. One question that I would ask the author would be in regards to the follow up care plan. If the radiology report did not specifically mention "cannot exclude underlying neoplasm", would the author purse the follow up imaging studies in the same
manner. Rather, if this was simply a unilateral adrenal hemorrhage would it have prompted at follow up scan at all? Another question regarding the follow up imaging. How was 2 months decided to be the follow up interval for the third scan? Is this though based on doubling time of adrenal masses or was consideration given to the time it would take for the existing hemorrhage to be reabsorbed. Lastly, was other imaging modalities or laboratory work considered for the work up of an underlying mass? Overall, the article is well written and informative.

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. It is clean and concise. NO issues.

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

Comments: This case study makes a small contribution to the field of Trauma/Acute Care Surgery in the fact that it brings to light an unusual injury that does not currently have any management recommendations.

9. Additional comments for the author(s)?
Level of interest
Please indicate how interesting you found the manuscript:

An article of limited interest

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

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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5. Do you have any other financial competing interests?

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