Reviewer’s report

Title: Acute Kidney Injury and Hepatitis Associated with Energy Drink Consumption

Version: 0 Date: 13 Dec 2019

Reviewer: Vijayadershan Muppidi

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) yes

      - Main symptoms of the patient

      - Medical, family and psychosocial history - no

      - 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:

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: yes

9. Additional comments for the author(s)?

Dr Yacoub et al describe a case report regarding consumption of energy drinks induced AKI and acute hepatitis in a patient. They aim to improve awareness regarding the side effects of EDs and
possibly need for research into the topic for better understanding of the various side effects. Here are my comments

1. Report needs English language revision at a few places, especially last sentence in para 2 under introduction needs revision

2. Usually patient under hospice does not undergo investigations, why were the labs done?

3. How much volume of fluid does each can of ED contain. Did the patient receive enough hydration through these drinks? If the patient did not receive enough hydration, that itself can explain AKI and not necessarily the nephrotoxic effects

4. Please provide all pertinent history - past medical, family, medications etc

5. What stage was the malignancy. Were there any mets to liver?

6. What is the amount of taurine and niacin in each can of the ED? Did the total amounts exceed the daily allowable dose?

7. If the patient regained appetite with hydration, could she have possibly lost appetite due to dehydration? If this is the case, what is the role of EDs?

8. What medications were given for treatment of nausea and delirium?

9. Was the ceftriaxone given for suspected UTI although there were no convincing symptoms?

10. When were the Eds stopped? Since how long was she on just Eds prior to admission?

Thank you very much

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:

Needs some language corrections before being published

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Please complete a declaration of competing interests, considering the following questions:
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Were you mentored through this peer review?

No