Reviewer's report

Title: A case of asymptomatic thyroiditis presenting as pyrexia of unknown origin- A case report

Version: 0 Date: 05 Jan 2018

Reviewer: Stephanie Rutledge

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

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 Y
      - Main symptoms of the patient Y
      - Medical, family and psychosocial history Y
      - Relevant past interventions and their outcomes Y
   
   b. The relevant physical examination findings Y
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. Y

d. Diagnostic assessments, including:

- Diagnostic methods - could include more detail about the cytopathology findings on FNA, perhaps with imaging, would help make the case more convincingly for thyroiditis

- Challenges (e.g., financial, language/cultural) Y

- Reasoning and prognostic characteristics (e.g., staging), where applicable Y

e. Types and mechanism of intervention Y

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

Comments:
could include more detail about the cytopathology findings on FNA, perhaps with imaging, would help make the case more convincingly for thyroiditis could add whether his steroids were tapered to stop at follow-up

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

Comments: yes, very nice review of the literature of PUO and sub acute thyroiditis with frequent circling back to the case during the discussion. Could add whether the patient in question needed NSAID treatment for pain. Also whether there is a consensus recommendation for regular screening for hypothyroidism post an episode of sub acute thyroiditis?

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: very clear concise abstract which summarizes the case well, nothing to add.
8. Does the case represent a useful contribution to the medical literature?

Comments: Yes, although this is as rare as some of the other cases in this journal, it is very nicely presented with a clear message or clinical pearl to medical doctors about a challenging problem (PUO), there were excellent references to the literature, and a helpful approach suggested for patients with subacute thyroiditis.

9. Additional comments for the author(s)? good work.

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

An article of importance in its field

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

Needs some language corrections before being published

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