Reviewer’s report

Title: Tropical pyomyositis as a presenting feature of sub-clinical leukaemia, a case report

Version: 3 Date: 26 November 2014

Reviewer: Stella Tsai

Which of the following following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

If other, please specify:
None.

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors described an uncommon case of extremity tropical pyomyositis, which led to a final diagnosis of underlying acute myeloid leukemia. The case presentation was straightforward, and the discussion was comprehensive and adequate. I would like to congratulate the authors on the successful treatment of this difficult case.

A few questions and comments:
1. “Cultures of the drained pus were found to be sterile. However muscle biopsy
and culture was positive for Staphylococcus aureus.” What was the sensitivity test result on the muscle tissue culture? When surgical drainage was undertaken, was pus culture sent?

2. Could the authors specify the duration of medical treatment before surgical intervention was sought for? It was not clear from the text.

3. The Discussion section requires language editing, especially line 124-141.

Overall, I would recommend the publication of this case report upon revision.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

**Declaration of competing interests:**

I declare that I have no competing interests.