Reviewer's report

Title: A patient with Metabolic Myopathy presenting with Polyarteritis Nodosa: a case report

Version: 1 Date: 5 February 2011

Reviewer: Alicia Rodriguez

Which of the following best describes what type of case report this is?: An unexpected association between diseases or symptoms

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:

A. General Comments:
In the current Case Report, Vishwanath et al. describe the first published case of a patient presenting with a combination of an unusual metabolic myopathy and polyarteritis nodosa (PAN). The case is well documented and the authors make a great job presenting the case and discussing it. Awareness about the possibility of this kind of unusual associations can prompt the diagnosis and correct treatment in similar clinical situations.

B. Revisions necessary for publication:
However, the following comments should be considered by the authors:
1. In the Abstract:
a. The second sentence of Conclusions seems to be too speculative to be included in the Abstract. From my point of view the infectious etiology of the vasculitis of this patient is not clear and probably it may not be proven at the time of the diagnosis.
b. The last sentence of Conclusions seems confusing and it should be better rewritten.

2. In the Case Presentation Section:
a. Did the patient go to the doctor during the 2 years of her previous symptoms?
b. What was the initial diagnosis?
c. When was she admitted to the hospital for viral syndromes?
d. Do the authors believe that her initial symptoms of fatigue were related to her myopathy or to her vasculitis?
e. They should provide values of reference for the laboratory parameters.
f. What were the p-ANCA level and other immunological studies?
g. What was the TSH, and thyroid hormone levels?
h. How were other serological tests, including hepatitis B virus serology?

3. In the Discussion:
a. When do the authors consider the onset of her vasculitis and myopathy was?
b. They should provide at least one reference for the association of c-ANCA with PAN.

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

**Declaration of competing interests:**

I declare I have no competing interest.