**Reviewer’s report**

**Title:** Idiopathic Inflammatory Myopathy Comorbid with Sturge-Weber Syndrome: A Case Report

**Version:** 1  **Date:** 06 Oct 2018

**Reviewer:** Albert Selva-O'Callaghan

**Reviewer's report:**

The authors report the case of a 41-year-old female patient diagnosed with Sturge-Weber syndrome who developed a full-blown myositis.

This reviewer raised several questions and comments that need to be clarified before publication

1. Does hypothyroidism play a role? It is well known that hypothyroid myopathy can be misdiagnosed as an inflammatory myopathy. Please clarify.

2. Although the clinical picture resembles myositis (autoimmune origin) and the patient seems to respond to immunosuppressive therapy, a muscle biopsy would have undoubtedly added more information to the reader and reinforce the diagnosis. We encourage the authors to avoid the term "polymyositis" (See Lancet Neurology 2018) given that in the myositis and scientific community nowadays is not more used because it is considered an exclusion criterion (hence the relevance of the muscle biopsy that may help to diagnose immune mediated necrotizing myopathy or sIBM at onset)

3. We suggest to apply the Classification Criteria recently published in Ann Rheum Dis / Arthritis Rheum 2017, Lundberg et al) for support the diagnosis in this case (webcalculator included in the article)
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Unable to assess

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

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

Acceptable

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