**Reviewer’s report**

**Title:** Metabolic Encephalopathy secondary to Diabetic Ketoacidosis: A Case Report

**Version:** 0  **Date:** 21 Mar 2019

**Reviewer:** Tandy Aye

**Reviewer’s report:**

The authors have submitted a very interesting case report regarding type 1 diabetes and metabolic encephalopathy cased by DKA. The patient had a long differential diagnosis list with very well thought out work up to eliminate many of the causes from the list of possible causes.

However, this reviewer would like a few items to be addressed by the authors.

First, please provide more background on metabolic encephalopathy (simple 3-4 sentences). The reviewer even went to read an article (Bathla, G in Clinical Radiology) related to the MRI and CT findings of various types of encephalopathy but could not find any definitions or explanation. Is it a diagnosis of exclusion? The work up provided has been very complete but providing more details of the history will be useful.

What history is available about the patient's diabetes history? What was the control like before hand? Other episodes of DKA?

**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.

Yes

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

Yes

**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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