Reviewer's report

Title: Lewy body with dementia versus Nonconvulsive status epilepticus in the diagnosis of a Patient with Cognitive dysfunction, Complex visual hallucinations and Periodic abnormal waves in EEG: A case report

Version: 2 Date: 13 March 2014

Reviewer: Andrew Larner

Reviewer's report:

An interesting case report, revisiting the worthwhile lesson that not all periodic EEGs are due to sporadic CJD.

Major revisions:
Passim: Need to define "periodic synchronous discharges". I believe there are agreed EEG criteria for these. Depending on the stringency of definition, there may or may not be confusion with the periodic sharp wave complexes typically seen in sporadic CJD (see Ann Neurol 2004;56:702-8).

Background: "DLB has a much higher mortality" - than CJD?!

Minor revisions:
Passim: "myoclonic jerk" to read "myoclonic jerks".

Abstract, Background: "Lewy body" to read "Lewy bodies".

Discretionary revisions:
I would shorten the title to something a little more catchy, e.g. "Periodic EEG: what is the diagnosis?"

The difficulty in differentiating DLB and CJD is also discussed in Clin Neurol Neurosurg 2008;110:194-7 which might be worth referencing.

Level of interest: An article whose findings are important to those with closely related research interests

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

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests