Reviewer's report

Title: Acute Fatal Posthypoxic Leukoencephalopathy Following Benzodiazepine Overdose - A Case Report and Review of the Literature

Version: 4 Date: 15 November 2014

Reviewer: Shprecher David

Reviewer's report:

This paper is not appropriate for publication.

The authors describe a patient who overdosed on benzodiazepines and cannabis, presented with hypoxic respiratory failure, had a seizures and was essentially brain dead at day 5. They propose that the case was novel because it represent a form of toxic or delayed post-hypoxic leukoencephalopathy (DPHL). They make a case for neither. This appears to be a straightforward case of hypoxic-anoxic brain injury (HAI). DPHL patients do not have leukoencephalopathy at the onset and recover after the first insult. In the case described, there was no lucid interval or delayed demyelination, so this is not a case of DPHL.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

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